



## TFT-LCD TV

Chassis           GSD27SEN  
                      GSD32SEN  
                      GSD37SEN  
                      GSD40SEN

Model            LE27S73BD  
                      LE32S73BD  
                      LE37S73BD  
                      LE40S73BD

# *SERVICE* Manual

### TFT-LCD TV



### Fashion Feature

- Luxurious Slim Design
- Supreme Picture Quality
- Supreme Sound Quality
- Supreme Convenience Quality
- Convenience for Users
- DVB-T, iDTV
- MHP (Only for Italy, Spain)

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LE27S73BD/LE32S73BD/LE37S73BD/  
LE40S73BD Service Manual

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## 2 Product specifications

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### 2-1 Fashion Feature

#### **Supreme Digital Interface & Networking**

-With a built-in HD digital tuner, it supports HD broadcasting with no particular set-top box and provides simple access with a single remote control.

#### **Excellent Picture Quality**

-DNIe technology provides life-like clear images.

#### **Dynamic Contrast**

-Automatically detects the input visual signal and adjusts to create optimum contrast.

#### **SRS TruSurround XT**

-SRS TruSurround XT provides a virtual Dolby surround system.

#### **Convenience**

-The TV utilizes the HDMI system to implement perfect digital sound and picture quality.

-Supports DVB-CI (Common Interface)

-Supports Modem (Only for Italy/Spain)

-Supports SMART CARD (NON CAS / Only for Italy / Spain)

## 2-2 Technical and Environmental Specifications

Model Name	LE27S73BD	LE32S73BD	LE37S73BD	LE40S73BD
Screen Size (Diagonal)	27 inch	32 inch	37 inch	40 inch
PC Resolution	1360 x 768 @ 60 Hz	1360 x 768 @ 60 Hz	1360 x 768 @ 60 Hz	1360 x 768 @ 60 Hz
Input Signal				
Sync.	H/V Separate, TTL, P. or N.	H/V Separate, TTL, P. or N.	H/V Separate, TTL, P. or N.	H/V Separate, TTL, P. or N.
Video Signal	0.7 Vp-p @ 75 ohm	0.7 Vp-p @ 75 ohm	0.7 Vp-p @ 75 ohm	0.7 Vp-p @ 75 ohm
TV				
Colour System	PAL, SECAM-B/G, D/K, I, I <sub>L</sub> , L/L <sub>I</sub> , NTPB (AV3.58, 4.43)	PAL, SECAM-B/G, D/K, I, I <sub>L</sub> , L/L <sub>I</sub> , NTPB (AV3.58, 4.43)	PAL, SECAM-B/G, D/K, I, I <sub>L</sub> , L/L <sub>I</sub> , NTPB (AV3.58, 4.43)	PAL, SECAM-B/G, D/K, I, I <sub>L</sub> , L/L <sub>I</sub> , NTPB (AV3.58, 4.43)
Sound System	BG, DK, I, L	BG, DK, I, L	BG, DK, I, L	BG, DK, I, L
DTV Signal Reception				
UHF Cchannel	Channel 21-68 (474-850 MHz) Bandwidth 8 MHz	Channel 21-68 (474-850 MHz) Bandwidth 8 MHz	Channel 21-68 (474-850 MHz) Bandwidth 8 MHz	Channel 21-68 (474-850 MHz) Bandwidth 8 MHz
Demodulation	DVB-T	DVB-T	DVB-T	DVB-T
DTV Video/ Audio Decoding				
Video Decoding	MPEG2 DVB Compliant (Main Profile @ Main Level)	MPEG2 DVB Compliant (Main Profile @ Main Level)	MPEG2 DVB Compliant (Main Profile @ Main Level)	MPEG2 DVB Compliant (Main Profile @ Main Level)
Bit rate	UP to 1.5 Mb/s	UP to 1.5 Mb/s	UP to 1.5 Mb/s	UP to 1.5 Mb/s
Resolution	720 x 576 pixels	720 x 576 pixels	720 x 576 pixels	720 x 576 pixels
Audio Decoding	MPEG-2 Layer I & II	MPEG-2 Layer I & II	MPEG-2 Layer I & II	MPEG-2 Layer I & II
Sound Mode	Mono/Stereo	Mono/Stereo	Mono/Stereo	Mono/Stereo
Video				
Colour System	PAL/NTSC/SECAM	PAL/NTSC/SECAM	PAL/NTSC/SECAM	PAL/NTSC/SECAM
Video System	CVBS, S-VHS, RGB	CVBS, S-VHS, RGB	CVBS, S-VHS, RGB	CVBS, S-VHS, RGB
SCART 1				
Video Input/Output	1.0 Vp-p @ 75 ohm	1.0 Vp-p @ 75 ohm	1.0 Vp-p @ 75 ohm	1.0 Vp-p @ 75 ohm
RGB Input	0.7 Vp-p @ 75 ohm	0.7 Vp-p @ 75 ohm	0.7 Vp-p @ 75 ohm	0.7 Vp-p @ 75 ohm
Audio Input/Output	500 mVrms	500 mVrms	500 mVrms	500 mVrms
SCART 2				
Video Input/Output	1.0 Vp-p @ 75 ohm	1.0 Vp-p @ 75 ohm	1.0 Vp-p @ 75 ohm	1.0 Vp-p @ 75 ohm
Audio Input/Output	500 mVrms	500 mVrms	500 mVrms	500 mVrms
Power Supply	AC220-240V 50 Hz	AC220-240V 50 Hz	AC220-240V 50 Hz	AC220-240V 50 Hz
Power Consumption	140 W	152 W	170 W	190 W
Stand-by	< 1 W	< 1 W	< 1 W	< 1 W
Dimension (W x D x H)				
Body	769.0 X 79.0 X 471.0 mm (30.3 X 3.1 X 18.5 inches)	892.5 X 82.0 X 544.0 mm (35.1 X 3.2 X 21.4 inches)	1026.5 X 94.1 X 626.1 mm (40.4 X 3.7 X 24.6 inches)	1100.5 X 95.0 X 661.0 mm (43.3 X 3.0 X 28.8 inches)
With stand	769.0 X 226.0 X 526.0 mm (30.3 X 8.9 X 20.7 inches)	892.5 X 249.0 X 615.0 mm (35.1 X 9.8 X 24.2 inches)	1026.5 X 330.0 X 698.8 mm (40.4 X 13.0 X 27.5 inches)	1100.5 X 330.0 X 732.5 mm (43.3 X 13.0 X 28.8 inches)
Weight (With stand)	10.4 kg (22.9 lbs)	13.9 kg (30.6 lbs)	22.5 kg (49.6 lbs)	23.7 kg (52.2 lbs)
Environmental Considerations				
Operating Temperature	10 °C to 40 °C (50 °F to 104 °F)	10 °C to 40 °C (50 °F to 104 °F)	10 °C to 40 °C (50 °F to 104 °F)	10 °C to 40 °C (50 °F to 104 °F)
Operating Humidity	10 % to 80 %, non-condensing	10 % to 80 %, non-condensing	10 % to 80 %, non-condensing	10 % to 80 %, non-condensing
Storage Temperature	-20 °C to 45 °C (-4 °F to 113 °F)	-20 °C to 45 °C (-4 °F to 113 °F)	-20 °C to 45 °C (-4 °F to 113 °F)	-20 °C to 45 °C (-4 °F to 113 °F)
Storage Humidity	5 % to 95 %, non-condensing	5 % to 95 %, non-condensing	5 % to 95 %, non-condensing	5 % to 95 %, non-condensing
Audio Characteristics				
Audio Input	RCA Jack(L, R), 0.5 Vrms(-9 dB)	RCA Jack(L, R), 0.5 Vrms(-9 dB)	RCA Jack(L, R), 0.5 Vrms(-9 dB)	RCA Jack(L, R), 0.5 Vrms(-9 dB)
Audio Input (PC)	3.5 <sup>-3</sup> Stereo Jack, 0.5 Vrms (-9 dB)	3.5 <sup>-3</sup> Stereo Jack, 0.5 Vrms (-9 dB)	3.5 <sup>-3</sup> Stereo Jack, 0.5 Vrms (-9 dB)	3.5 <sup>-3</sup> Stereo Jack, 0.5 Vrms (-9 dB)
Headphone Output	Max. 1.0 mW Output (3.5 <sup>-3</sup> Stereo Jack, 32 Ω)	Max. 1.0 mW Output (3.5 <sup>-3</sup> Stereo Jack, 32 Ω)	Max. 1.0 mW Output (3.5 <sup>-3</sup> Stereo Jack, 32 Ω)	Max. 1.0 mW Output (3.5 <sup>-3</sup> Stereo Jack, 32 Ω)
Frequency	RF: 80 Hz ~ 15 kHz (at -3 dB)	RF: 80 Hz ~ 15 kHz (at -3 dB)	RF: 80 Hz ~ 15 kHz (at -3 dB)	RF: 80 Hz ~ 15 kHz (at -3 dB)
Response	AV: 80 Hz ~ 20 kHz (at -3 dB)	AV: 80 Hz ~ 20 kHz (at -3 dB)	AV: 80 Hz ~ 20 kHz (at -3 dB)	AV: 80 Hz ~ 20 kHz (at -3 dB)
Sound				
Output	5 W X 2	10 W X 2	10 W X 2	10 W X 2
3D Surround	SRS TrusurroundXT	SRS TrusurroundXT	SRS TrusurroundXT	SRS TrusurroundXT
Stereo	Nicam/A2	Nicam/A2	Nicam/A2	Nicam/A2

## 2-3 LE27S73BD Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 26-Inch viewable, 0.1455(H) x 0.4365(V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	596.26(H) x 335.23(V)	
AC power voltage & Frequency	AC 220 ~ 240 V, 60/50 Hz	
Power Consumption	140 W < 1W	
Dimensions(W x D x H) Set	769.0x226.0x526.0mm(30.27x8.89x20.70 inches) After installation Stand 769.0x79.0x471.0mm(30.27x3.11x18.54 inches) Without stand	
Weight Set(After installation Stand)	10.7 kg (22.9 lbs)	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-4 LE32S73BD Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	697.685(H) x 392.3(V)	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	152 W < 1W	
Dimensions(W x D x H) Set	892.5x249.0x615.0mm(35.13x9.8x24.21 inches)After installation Stand 892.5x82.0x544.0mm(35.13x3.22x21.41 inches) Without stand	
Weight Set(After installation Stand)	13.9 kg (30.6 lbs)	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-5 LE37S73BD Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 37-Inch viewable, 0.6 (H) x 0.6 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	819.6(H) x 460.8(V)	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	170 W < 1W	
Dimensions(W x D x H) Set	1026.5x330.0x698.8mm(40.4x13.0x27.5 inches) After installation Stand 1026.5x94.1x626.1mm(40.4x3.7x24.6 inches) Without stand	
Weight Set(After installation Stand)	21.5 kg (47.4 lbs)	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-6 LE40S73BD Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.648(H) x 0.648(V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colours	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	885.168(H) x 497.664(V)	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	190 W < 1W	
Dimensions(W x D x H) Set	1100.5x330.0x732.5mm(43.32x12.99x28.83 inches) After installation Stand 1100.5x95.0x661.0mm(43.32x3.74x26.02 inches) Without stand	
Weight Set(After installation Stand)	23.7 kg (52.2 lbs)	
TV System	Tunning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Environmental Considerations	Operating Temperature : 50°F ~ 104°F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4°F ~ 113°F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
Antena Input	75 $\Omega$	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-7 DTV Specification


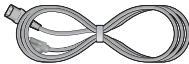
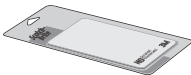
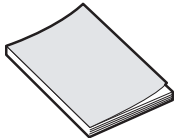

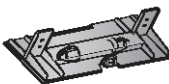
DTV Category	Functions	UK	GERMANY	France	Italy	Spain	Sweden	Finland
<b>SYSTEM</b>	Broadcasting system Video format Audio format	DVB-T MPEG-2 (MP@ML) MPEG-1 audio layer I, II	DVB-T MPEG-2 (MP@ML) MPEG-1 audio layer I, II	DVB-T MPEG-2 (MP@ML) MPEG-1 audio layer I, II	DVB-T MPEG-2 (MP@ML) MPEG-1 audio layer I, II	DVB-T MPEG-2 (MP@ML) MPEG-1 audio layer I, II	DVB-T MPEG-2 (MP@ML) MPEG-1 audio layer I, II	DVB-T MPEG-2 (MP@ML) MPEG-1 audio layer I, II
<b>Channel Parameters</b>	Operational Bands Channel Range Channel Bandwidth IFFT Constellation Code Rate Guard Interval	UHF 21 ~ 68 8MHz 2K/8K 64/16QAM, QPSK 1/2, 2/3, 3/4, 5/6, 7/8 1/4, 1/8, 1/16, 1/32	UHF 5 ~ 12, 21 ~ 69 VHF-7, UHF-8 2K/8K 64/16QAM, QPSK 1/2, 2/3, 3/4, 5/6, 7/8 1/4, 1/8, 1/16, 1/32	VHF/UHF 5 ~ 10, 21 ~ 69 VHF-7, UHF-8 2K/8K 64/16QAM, QPSK 1/2, 2/3, 3/4, 5/6, 7/8 1/4, 1/8, 1/16, 1/32	VHF/UHF 5 ~ 10, 21 ~ 69 VHF-7, UHF-8 2K/8K 64/16QAM, QPSK 1/2, 2/3, 3/4, 5/6, 7/8 1/4, 1/8, 1/16, 1/32	UHF 21 ~ 69 8MHz 2K/8K 64/16QAM, QPSK 1/2, 2/3, 3/4, 5/6, 7/8 1/4, 1/8, 1/16, 1/32	UHF 21 ~ 69 8MHz 2K/8K 64/16QAM, QPSK 1/2, 2/3, 3/4, 5/6, 7/8 1/4, 1/8, 1/16, 1/32	UHF 21 ~ 69 8MHz 2K/8K 64/16QAM, QPSK 1/2, 2/3, 3/4, 5/6, 7/8 1/4, 1/8, 1/16, 1/32
<b>EPG</b>	Now/Next Scheduled EPG	O O	O O	O O	O O	O O	O O	O O
<b>SI</b>	LCN Dynamic SI Replacement Service	O X X	X X X	O X X	X X X	X X X	O O O	O O O
<b>CA</b>	CI Embedded CAS Parental Lock	O (TopUpTV) X O	O X O	O X O	O X △	Planned Planned Planned	O X O	O X O
<b>System software upgrade</b>	BBC OTA DVB SSU	O X	X X	X X	X X	X X	X X	X X
<b>Data Service</b>	MHEG MHP	O (Ver. 1.06) X	X X	X X	X X	X X	X X	X X
<b>Time zone</b>	Time zone setting	X	X	X	△	O	X	X
<b>Add-on service</b>	DVB subtitle Teletext AC3 VPS AFD	O X X X O	X O X O X	O O X X X	X O X X X	O O (Teletext 1, 5 level) Optional X Optional	O O X X X	O O X X X
<b>Etc</b>	Channel List Auto store Manual store Language selection	O O O O	O O O O	O O O O	O O O O	O O O O	O O O O	Change O O O
<b>Connectors</b>	SPDIF OUT PCMCIA (Type II) RS-232C (Phone Jack) Modem Smart Card	O O O X X	O O O X X	O O O X X	O O O O O	O O O O O	O O O X X	O O O X X



## 2-8 Spec Comparison

Model	LE26R73BD/LE32R73BD/LE37R74BD/LE40R73BD	LE27S73BD/LE32S73BD/LE37S73BD/LE40S73BD
Design		
Frequency		
Horizontal	30 ~ 61 kHz	30 ~ 61 kHz
Vertical	60 ~ 75 Hz	60 ~ 75 Hz
Display Color	16,777,216 colors	16,777,216 colors
PC Resolution		
Maximum mode	WXGA, 1360 x 768 @ 60 Hz	WXGA, 1360 x 768 @ 60 Hz
Input Signal		
Sync Signal	H/V Separate, TTL, P. or N.	H/V Separate, TTL, P. or N.
Video Signal	0.7 Vp-p @ 75ohm	0.7 Vp-p @ 75ohm
Power Consumption		
Normal	120W / 152W / 170W / 190W	140W / 152W / 170W / 190W
Power Saving	< 1W	< 1W

## 2-9 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00516A  BN59-00517A (Only for Italy / Spain)	
	Power Cord	3903-000193 (Only for U.K)  3903-000145	
	Cleaning Cloth	BN63-001798A	
	Owner's Instructions	BN68-01007K(U.K) BN68-01007L (Sweden/Finland) BN68-01007M (Italy/Spain)	
	Stand	27" : BN90-01005A 32" : BN90-00967A 37" : BN90-00966A 40" : BN90-00966A	
	Cover-Bottom	27" : BN63-02415B 32" : BN63-02415B 37" : BN63-02416B 40" : BN63-02416B	

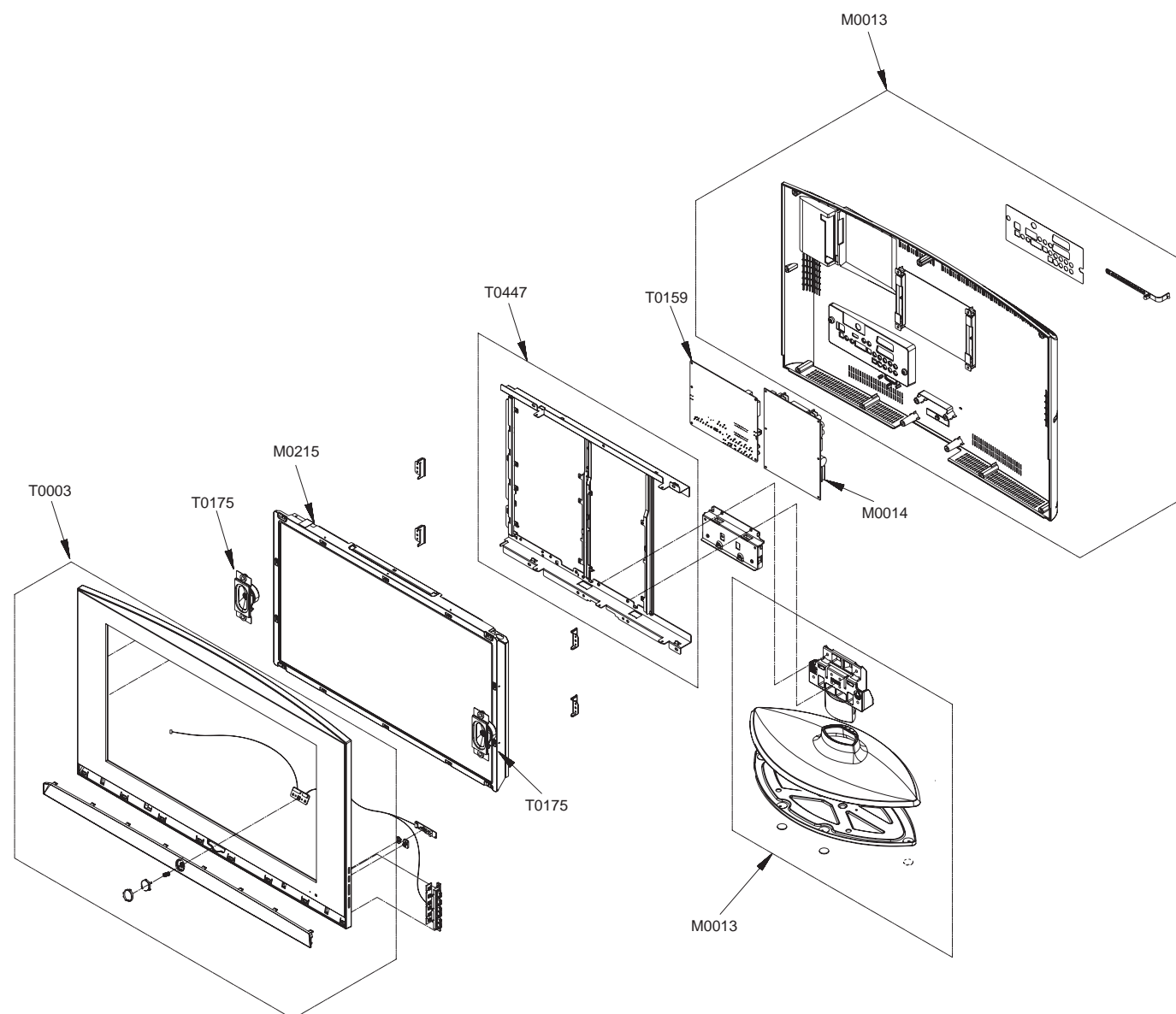
## Memo

## 5 Exploded View and Parts List

- You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

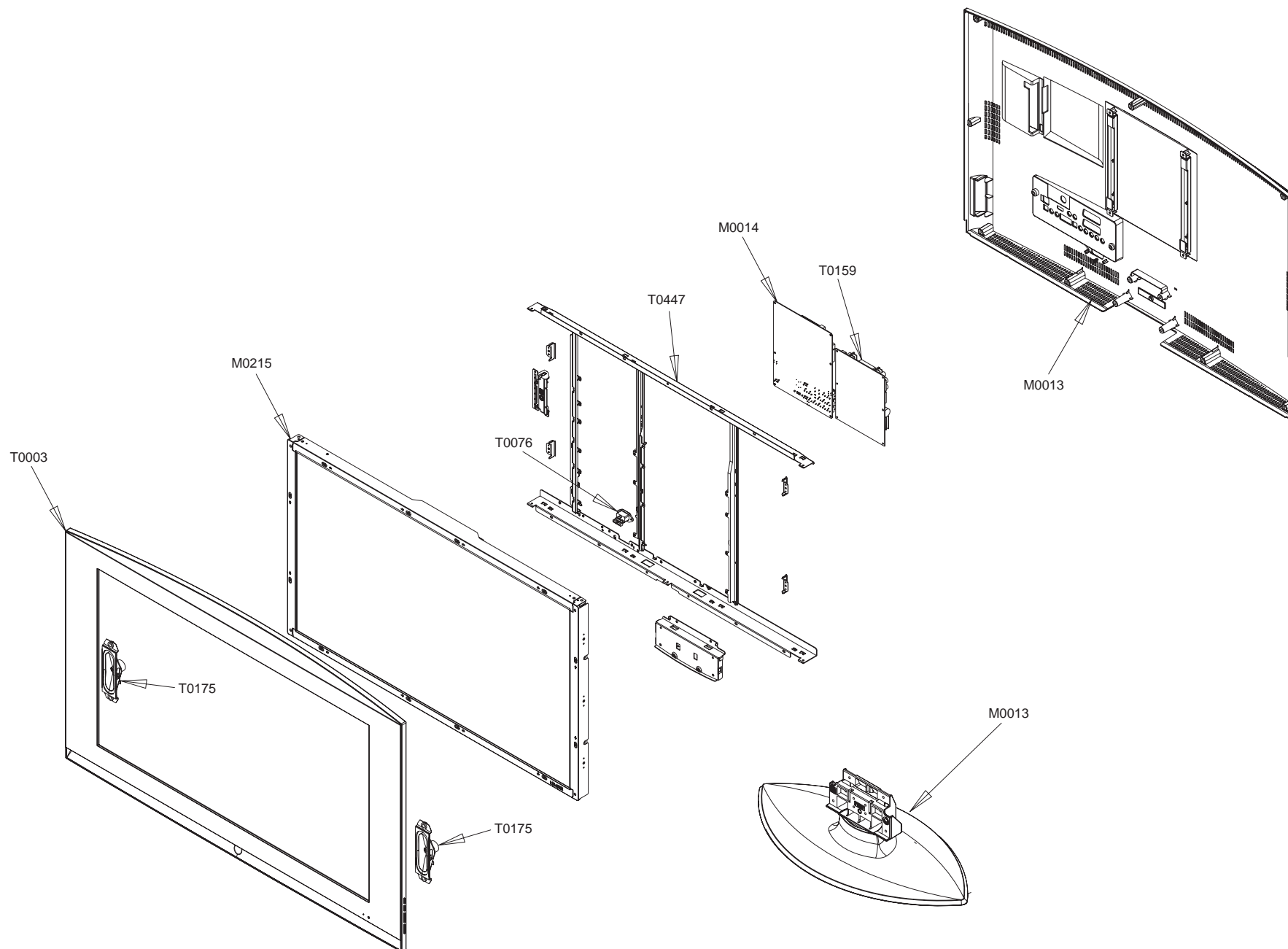
### 5-1 LE27S73BD Exploded View



## 5-2 LE27S73BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03836D	ASSY COVER P-FRONT;27S73,EO,ABS+PMMA,HB,	1	S.A	
T0175	BN96-03279A	ASSY SPEAKER P;16ohm,Sonoma 26,Left,5W,N	1	S.A	
T0175	BN96-03280A	ASSY SPEAKER P;16ohm,Sonoma 26,Right,5W,	1	S.A	
M0215	BN07-00136A	LCD-PANEL;V270B1-L01,Torino,8BIT,638.5*3	1	S.A	
T0447	BN96-04168A	ASSY BRACKET P-PANEL;SONOMA,27EO,IDTV,SE	1	S.N.A	
M0014	BN94-01063B	ASSY PCB MAIN;LE27S73BDX/FID	1	S.A	
T0159	BN96-03058A	ASSY PCB P-SMPS;Bordeaux 26 PFC,LE26R71B	1	S.A	
M0013	BN96-03837B	ASSY COVER P-REAR;27S73,EO,-,HIPS,HB,BK5	1	S.A	
M0013	BN96-03945A	ASSY STAND P-BASE;SONOMA 27,ABS+PMMA,HB,	1	S.A	

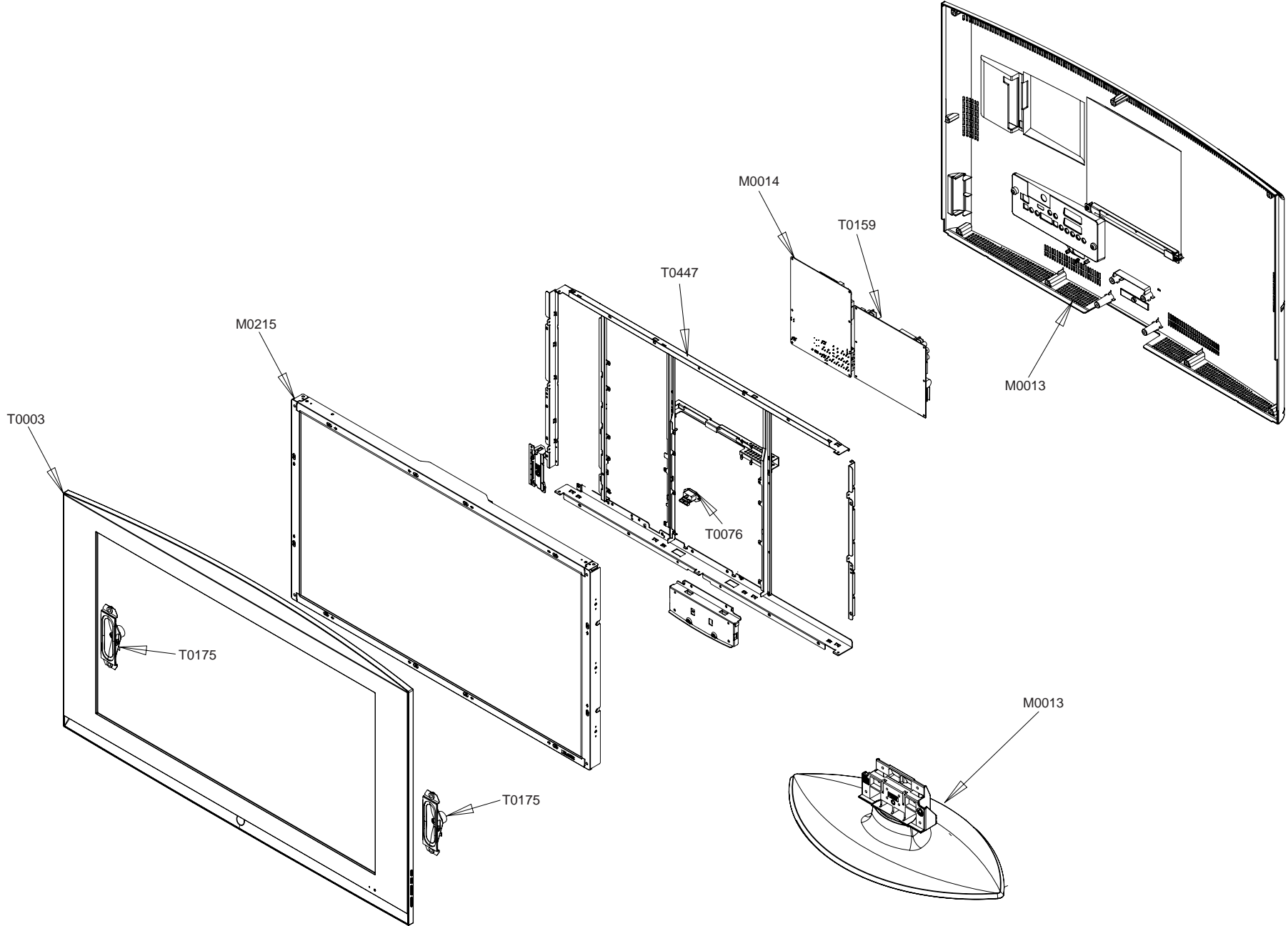
## 5-3 LE32S73BD Exploded View



## 5-4 LE32S73BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03628H	ASSY COVER P-FRONT;32S73,EO,-,ABS+PMMA,H	1	S.A	
T0175	BN96-03247B	ASSY SPEAKER P;8ohm,Yellow/Black,470mm,1	1	S.A	
T0175	BN96-03248B	ASSY SPEAKER P;8ohm,Red/Black,950mm,10W,	1	S.A	
M0215	BN07-00247A	LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50	1	S.A	
T0447	BN96-03440A	ASSY BRACKET P-PANEL;CAMBRIDG32,-,SECC,-	1	S.N.A	
T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A	
M0014	BN94-01064B	ASSY PCB MAIN;LE32S73BDX/FID	1	S.A	
T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	S.A	
M0013	BN96-03838B	ASSY COVER P-REAR;32S73,EO,-,HIPS,HB,BK5	1	S.A	
M0013	BN96-03698A	ASSY STAND P-BASE;SONOMA32,ABS+PMMA,HB,B	1	S.A	

5-5 LE37S73BD Exploded View

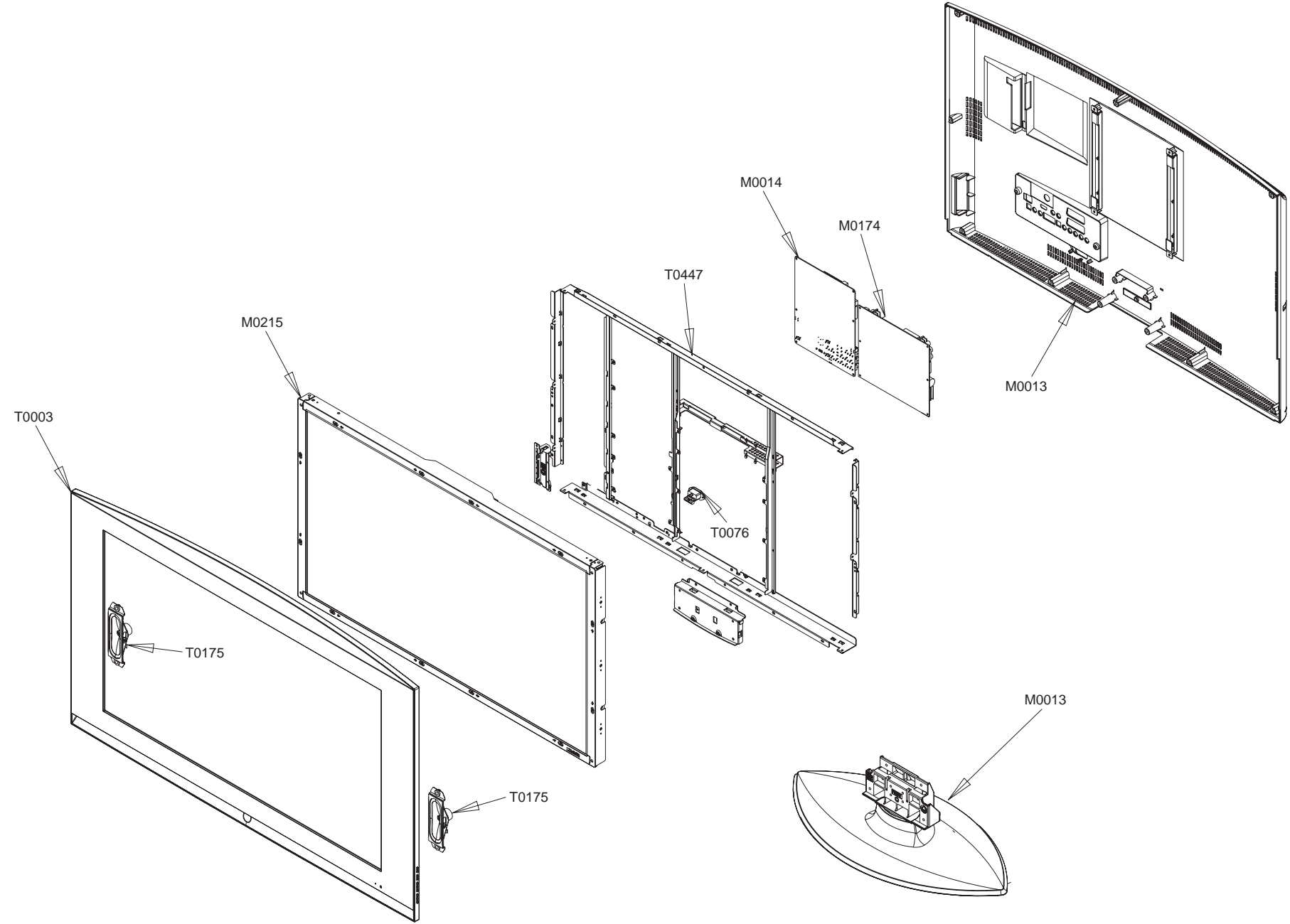




## 5-6 LE37S73BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-04044D	ASSY COVER P-FRONT;37S73,EO(XET),ABS+PMM	1	S.A	
T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	S.A	
T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	S.A	
M0215	BN07-00255A	LCD-PANEL;T370XW01,8bit,877.0*514.6*54.7	1	S.A	
T0447	BN96-03441A	ASSY BRACKET P-PANEL;37,SECC,BUILT-IN	1	S.N.A	
T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A	
M0014	BN94-01064N	ASSY PCB MAIN;LE32S73BDX/XET	1	S.A	
T0159	BN96-03050A	ASSY PCB P-SMPS;Bordeaux 37 PFC,LE37R71B	1	S.A	
M0013	BN96-03697B	ASSY STAND P-BASE;SONOMA,40,ABS+PMMA,HB,	1	S.A	
M0013	BN96-04045C	ASSY COVER P-REAR;37S73,EO(XET),HIPS,HB,	1	S.A	

5-7 LE40S73BD Exploded View



## 5-8 LE40S73BD Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03394H	ASSY COVER P-FRONT;40S73,EO,ABS+PMMA,HB,	1	S.A	
T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	S.A	
T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	S.A	
M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	S.A	
T0447	BN96-04182A	ASSY BRACKET P-PANEL;SONOMA,40EO,IDTV,SE	1	S.N.A	
T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A	
M0014	BN94-01064A	ASSY PCB MAIN;LE32S73BDX/XEU	1	S.A	
M0174	BN44-00134A	IP BOARD;SIP40,LE40R71B,2.0~3.0mA,6.0~7.	1	S.A	
M0013	BN96-03839B	ASSY COVER P-REAR;40S73,EO,-,HIPS,HB,BK5	1	S.A	
M0013	BN96-03697A	ASSY STAND P-BASE;SONOMA40,ABS+PMMA,HB,B	1	S.A	


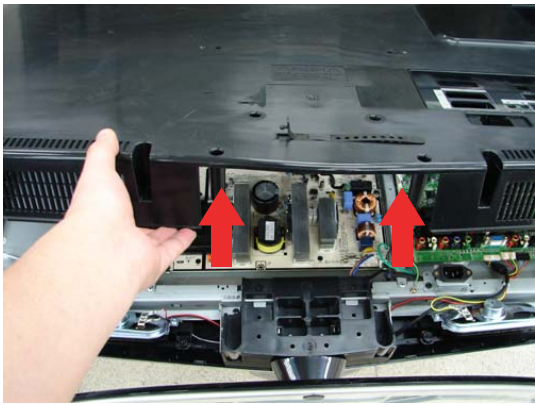
## 11 Disassembly and Reassembly

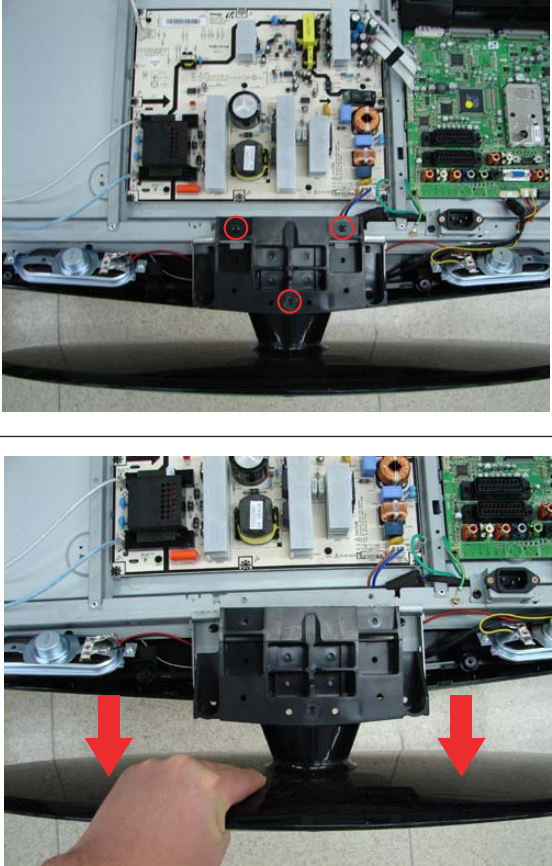
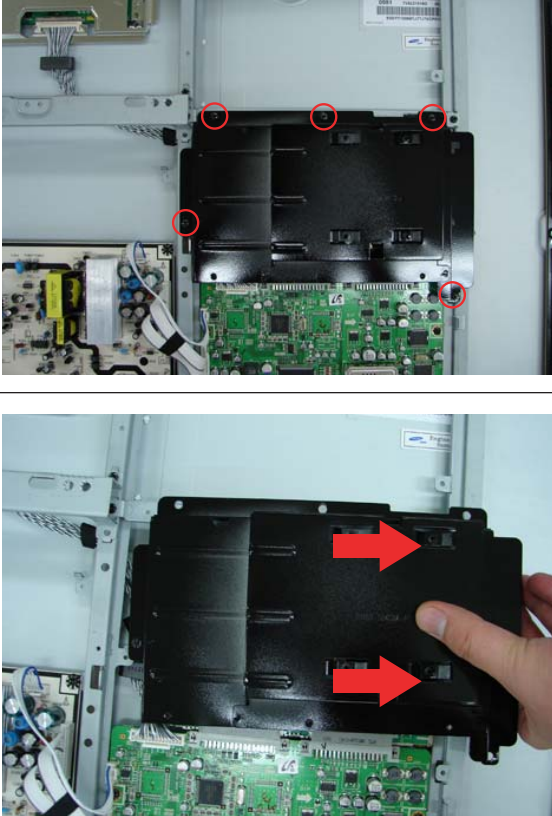
This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

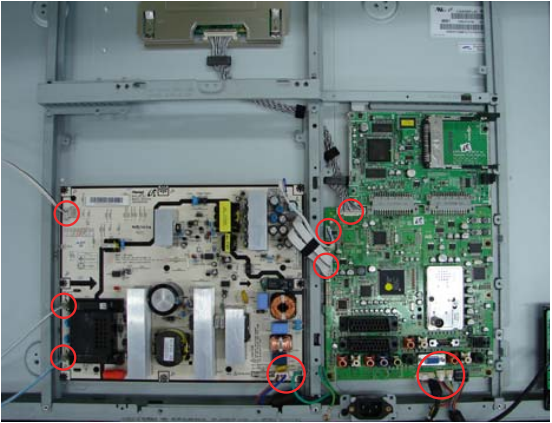
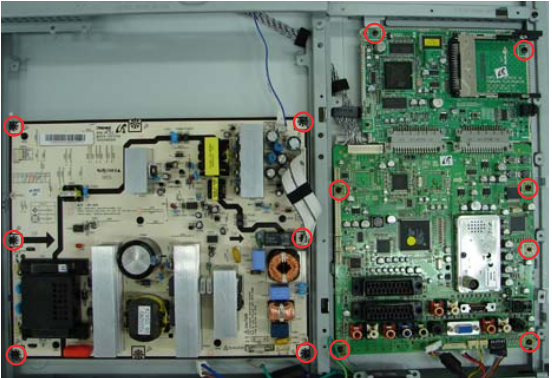

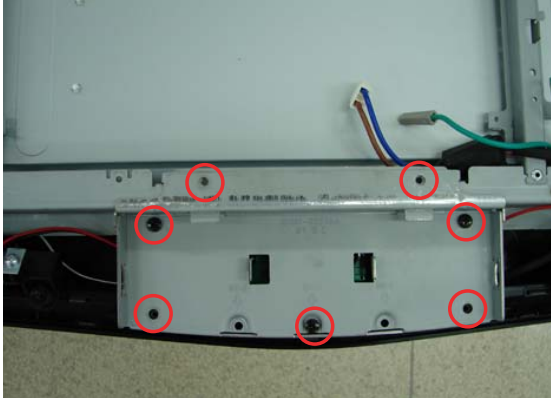
**⚠ WARNING : This monitor contains electrostatically sensitive devices.  
Use caution when handling these components.**

### 11-1 Disassembly

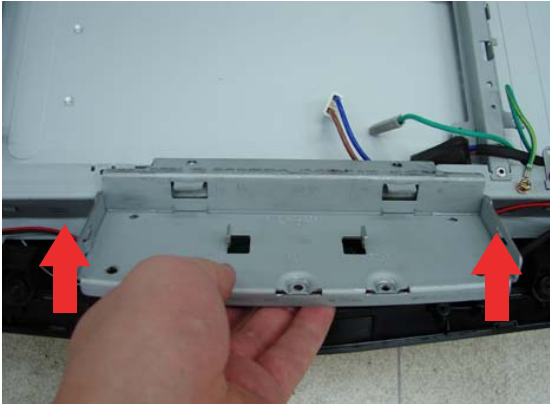
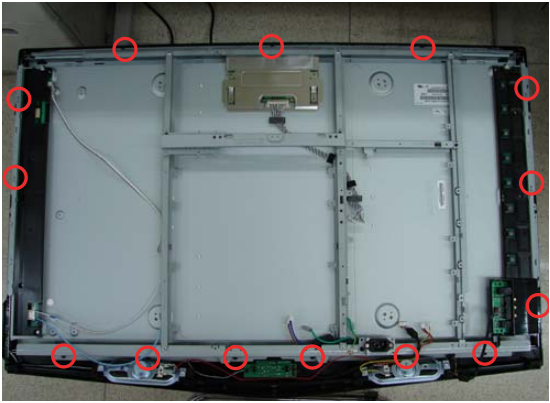
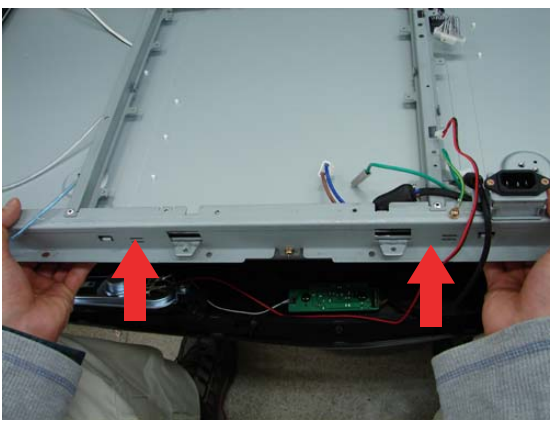
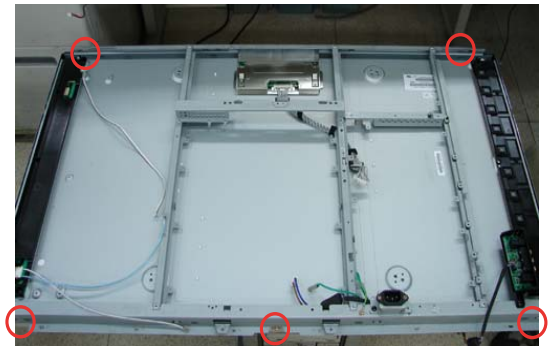
**⚠ Cautions :** 1. Disconnect the monitor from the power source before disassembly.  
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

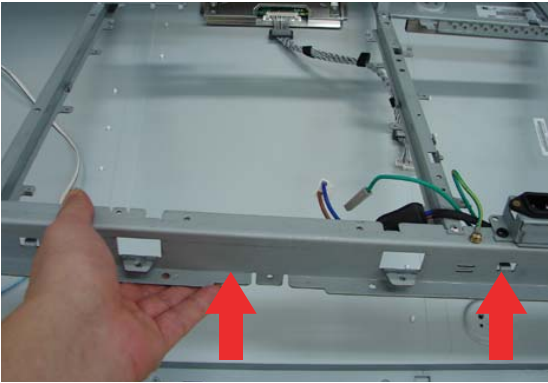

Description	Picture Description
1. Place monitor face down on cushioned table. Remove 15 screws from the rear cover. Lift up the rear cover.	 A photograph showing the back of a dark grey monitor. Fifteen screws are circled in red, indicating they need to be removed. The monitor is resting on a light blue surface.
	 A photograph showing the internal components of the monitor after the rear cover has been removed. A hand is visible on the left, holding the cover. Two red arrows point to specific components on the main board.

Description	Picture Description
<p data-bbox="204 257 638 291">2. Remove 3 screws from the stand.</p>	
<p data-bbox="204 1151 694 1220">3. Remove 5 screws from the Main PCB. Lift up the shield-cover.</p>	

Description	Picture Description
<p>4. Disconnect cable from the boards. Remove 13 screws from the boards.</p>	
	
<p>5. Lift up the boards. Remove 7 screws from the stand BRKT.</p>	
	



Description	Picture Description
<p>6. Lift up the stand BRKT. Remove screws from the Lcd panel.</p>	
	
<p>7. Lift up the Lcd panel. Remove 5 screws from the BRKT.</p>	
	

Description	Picture Description
<p>8. Lift up the BRKT.</p>	
	

11-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.



## Memo

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## 4 Troubleshooting

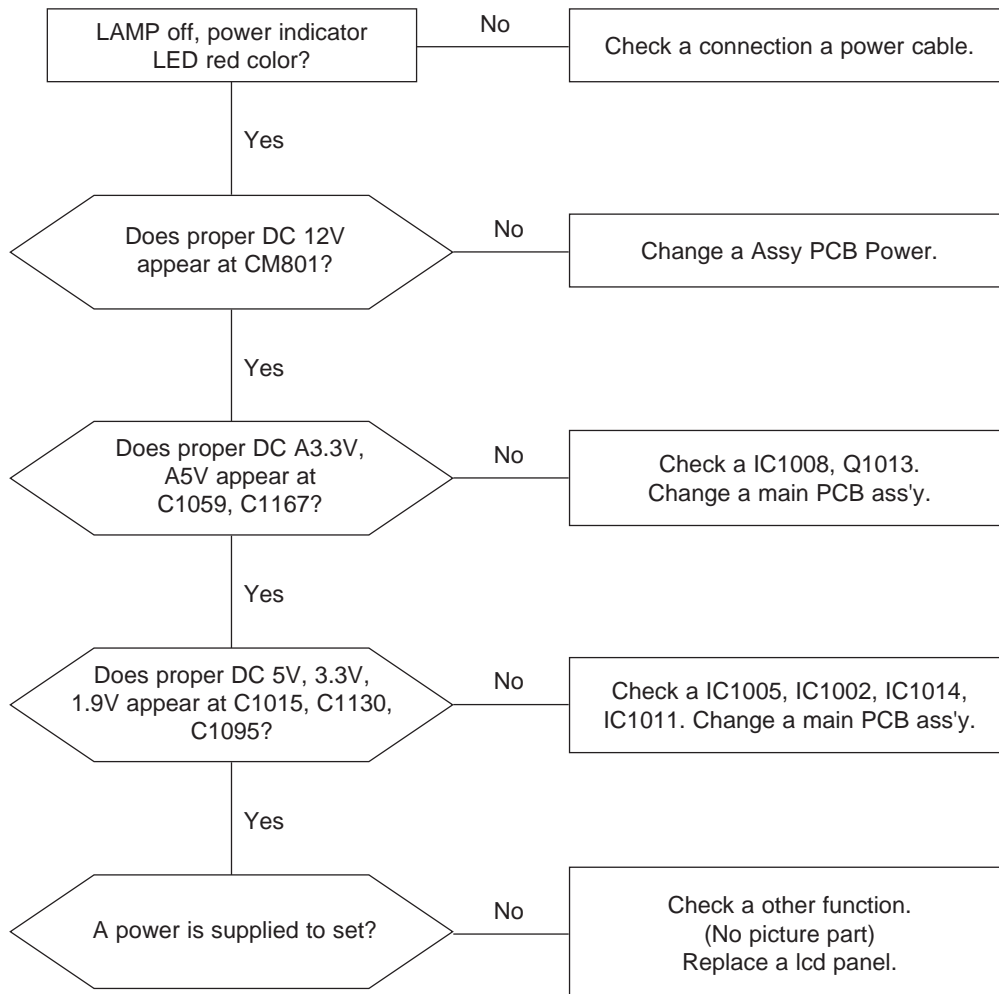
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### 4-1 First Checklist for Troubleshooting

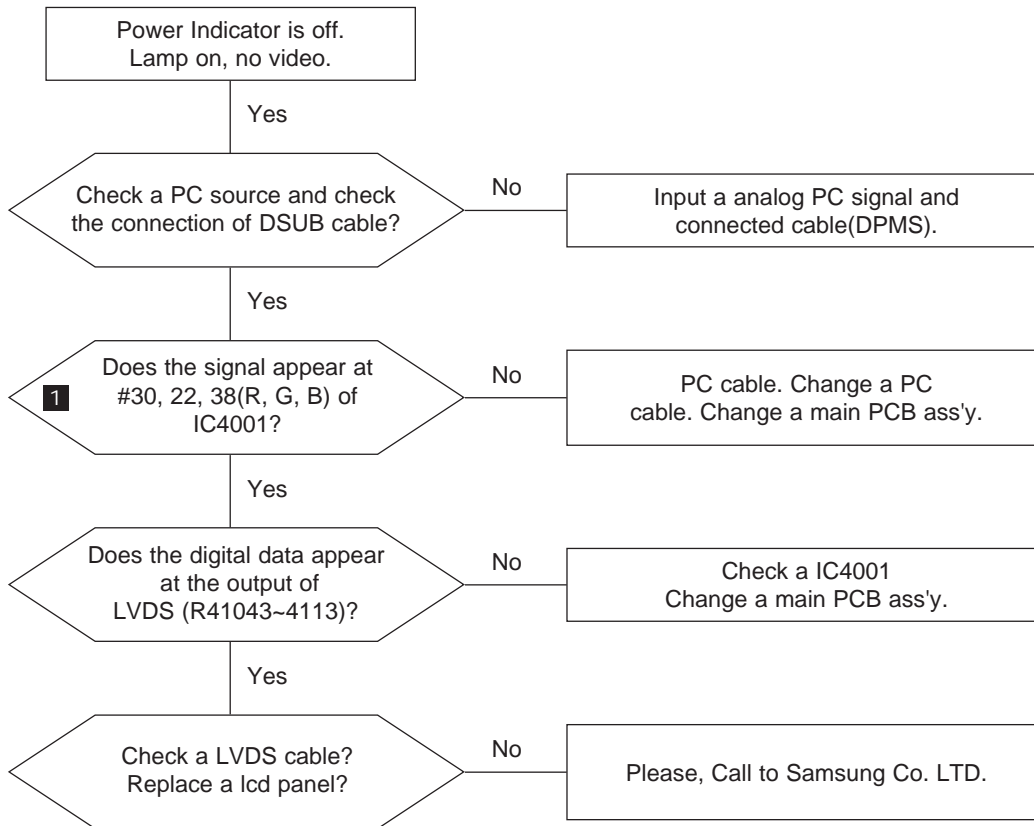
1. Check the various cable connections first.
  - Check to see if there is a burnt or damaged cable.
  - Check to see if there is a disconnected cable connection or a connection is too loose.
  - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the Main Board.
3. Check the voltage in and out between the SMPS ↔ Main Board, between the SMPS ↔ INVERTER Board, and between the Main LVDS Boards.

## 4-2 Checkpoints by Error Mode

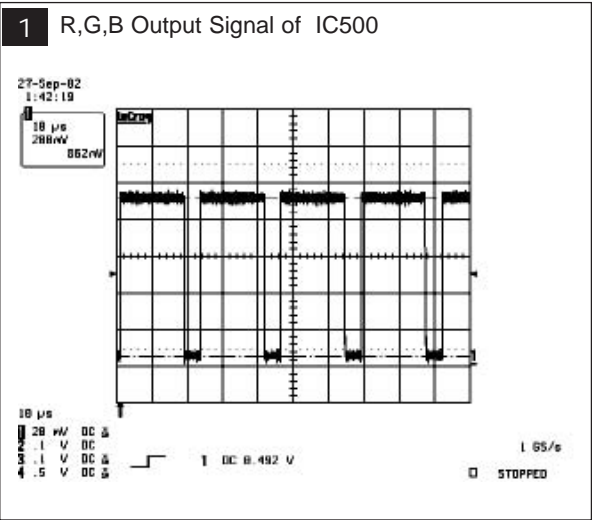
### 4-2-1 No Power



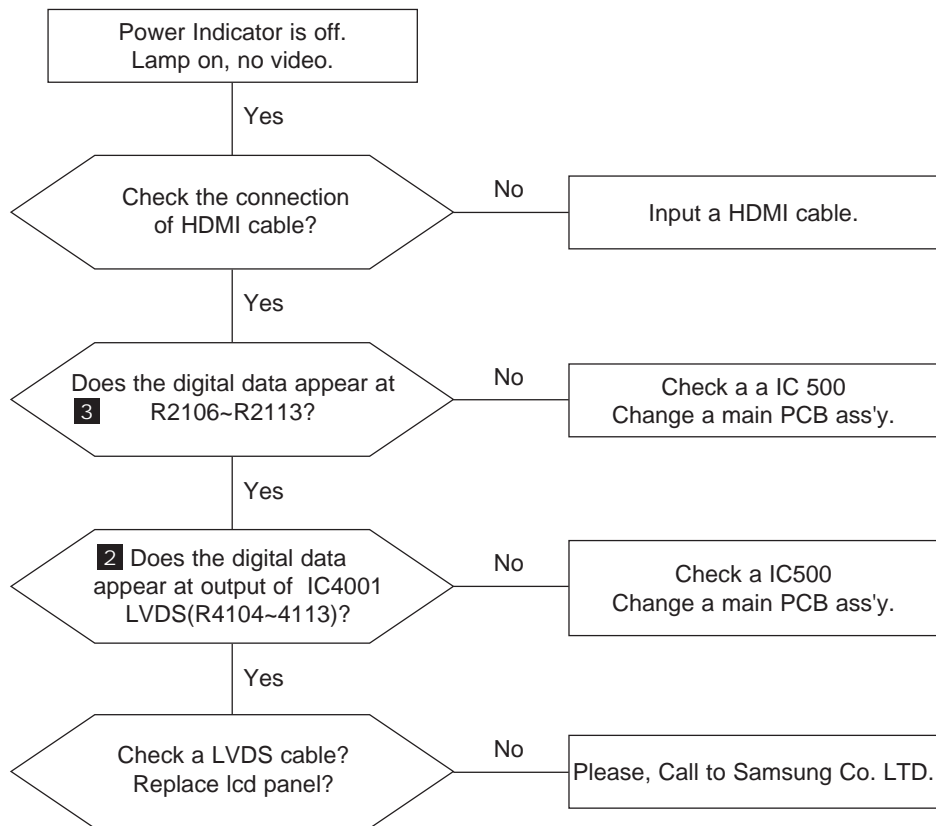
## 4-2-2 No Video (Analog PC)



WAVEFORMS

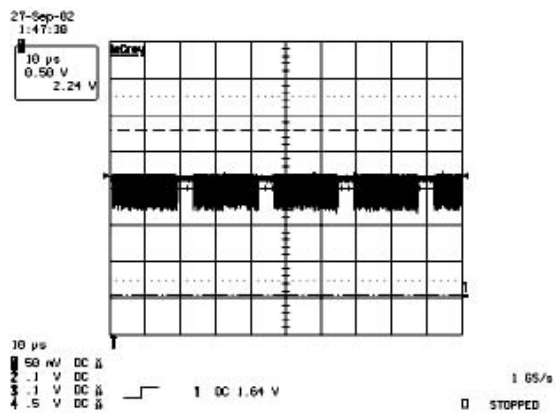


## 4-2-3 No Video (Digital-HDMI)

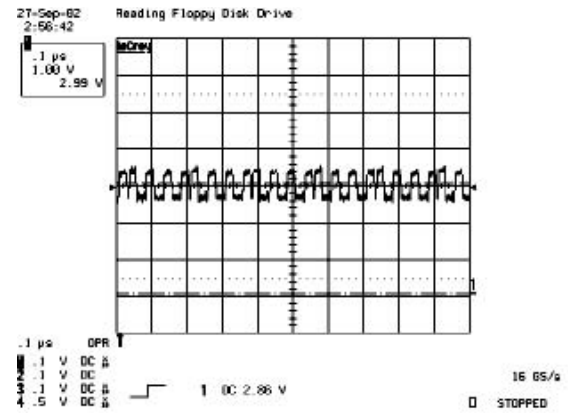


## 4 Troubleshooting

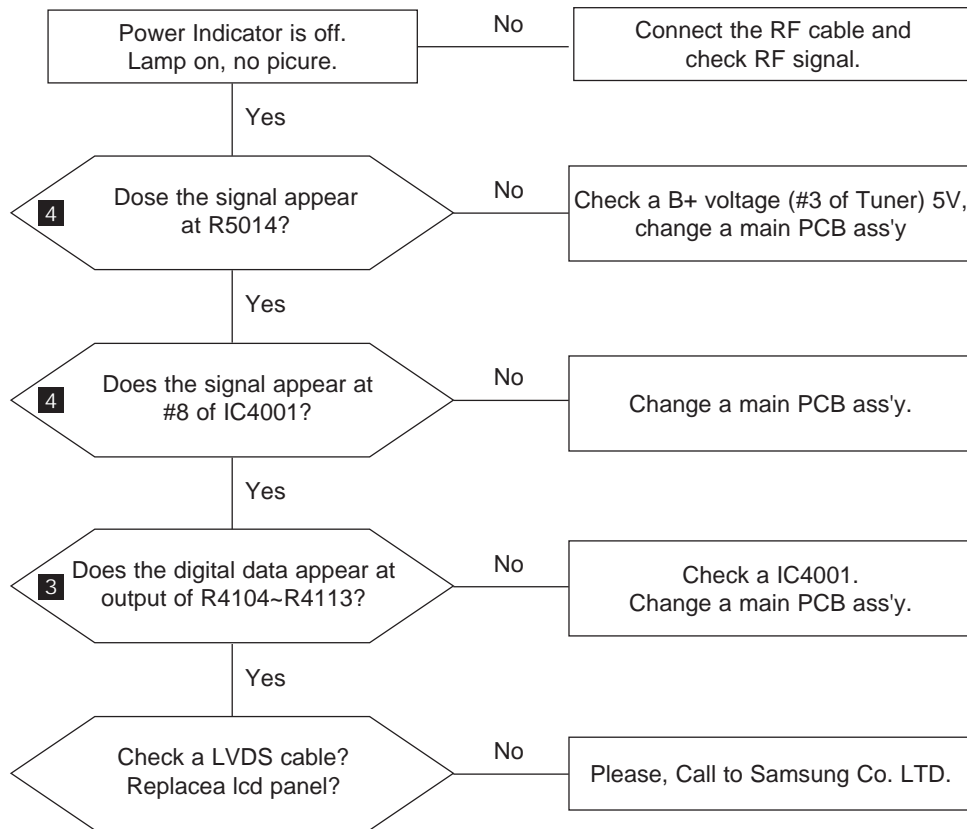
### 2 Digital Output Data of IC500



### 3 Signal of HDMI(Data)



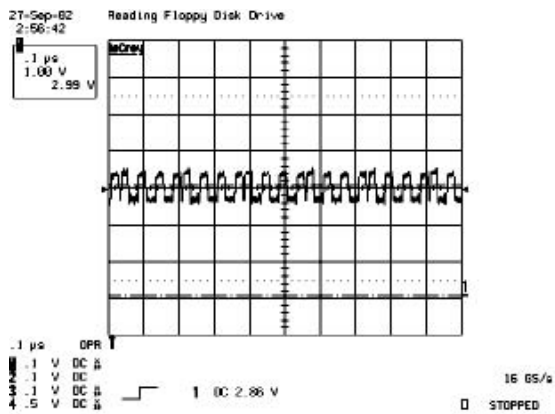
## 4-2-4 No Picture (Tuner\_CVBS)



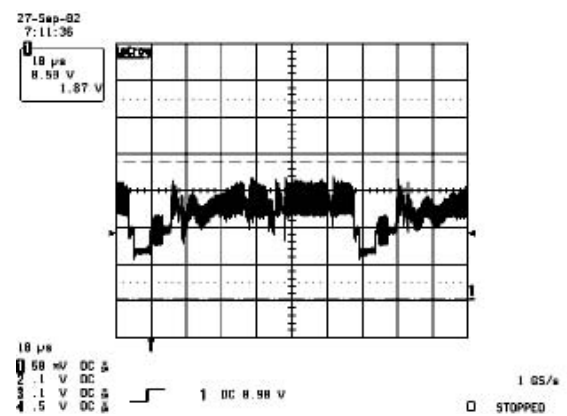


## WAVEFORMS

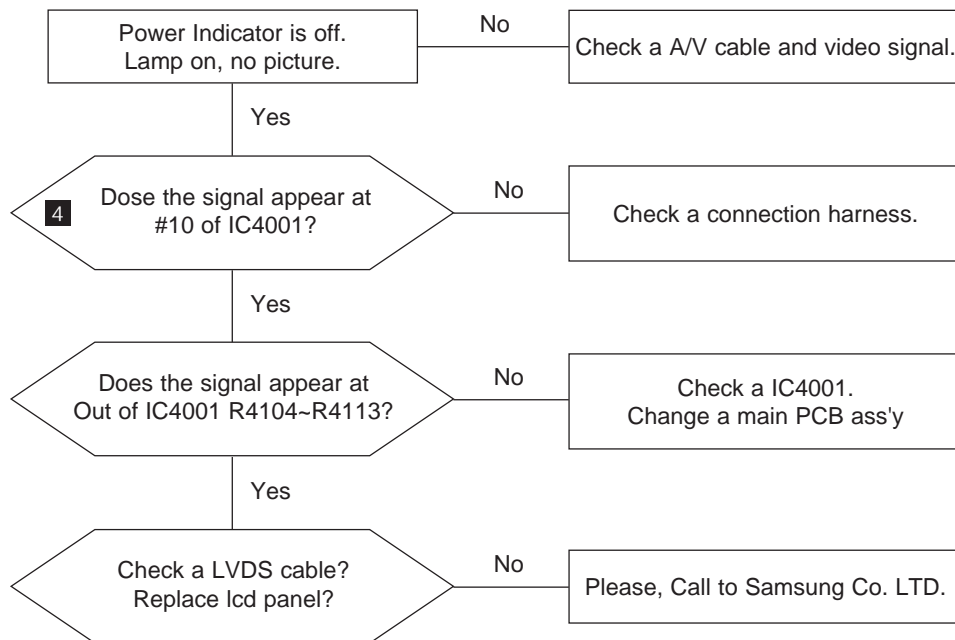
### 3 CVBS Output Signal



#### 4 Tuner\_CVBS Output Signal

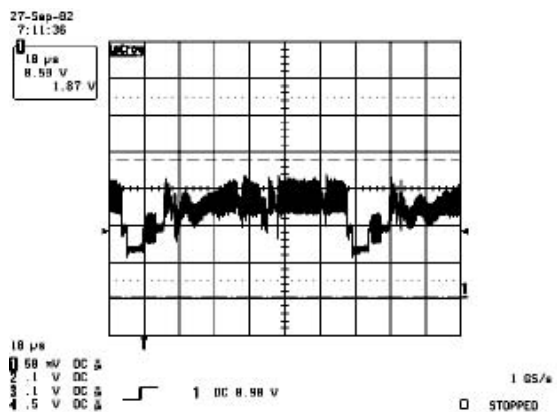


## 4-2-5 No Picture (Video\_CVBS)

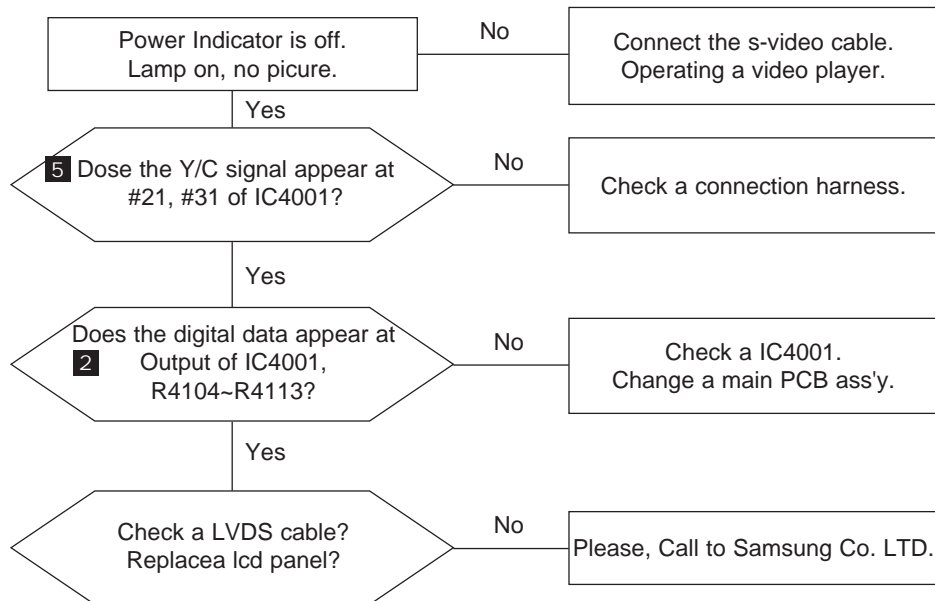


## WAVEFORMS

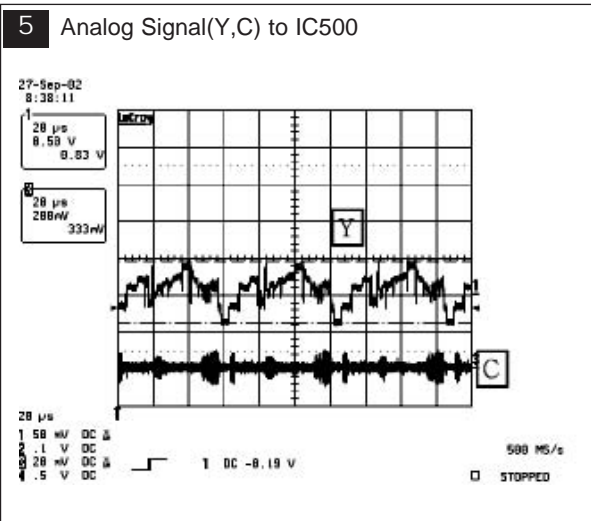
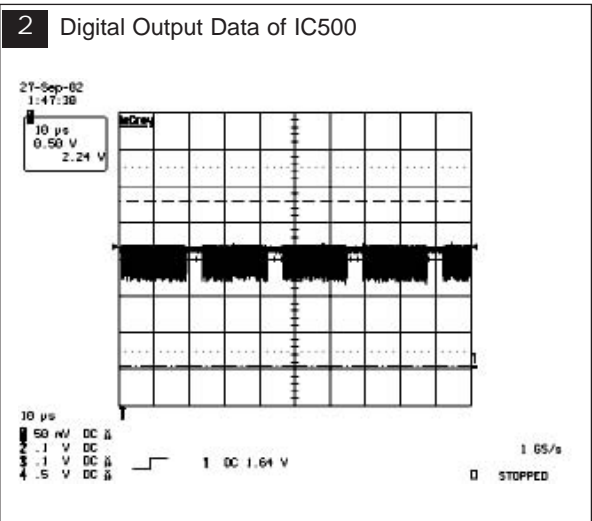
## 4 CVBS Output Signal



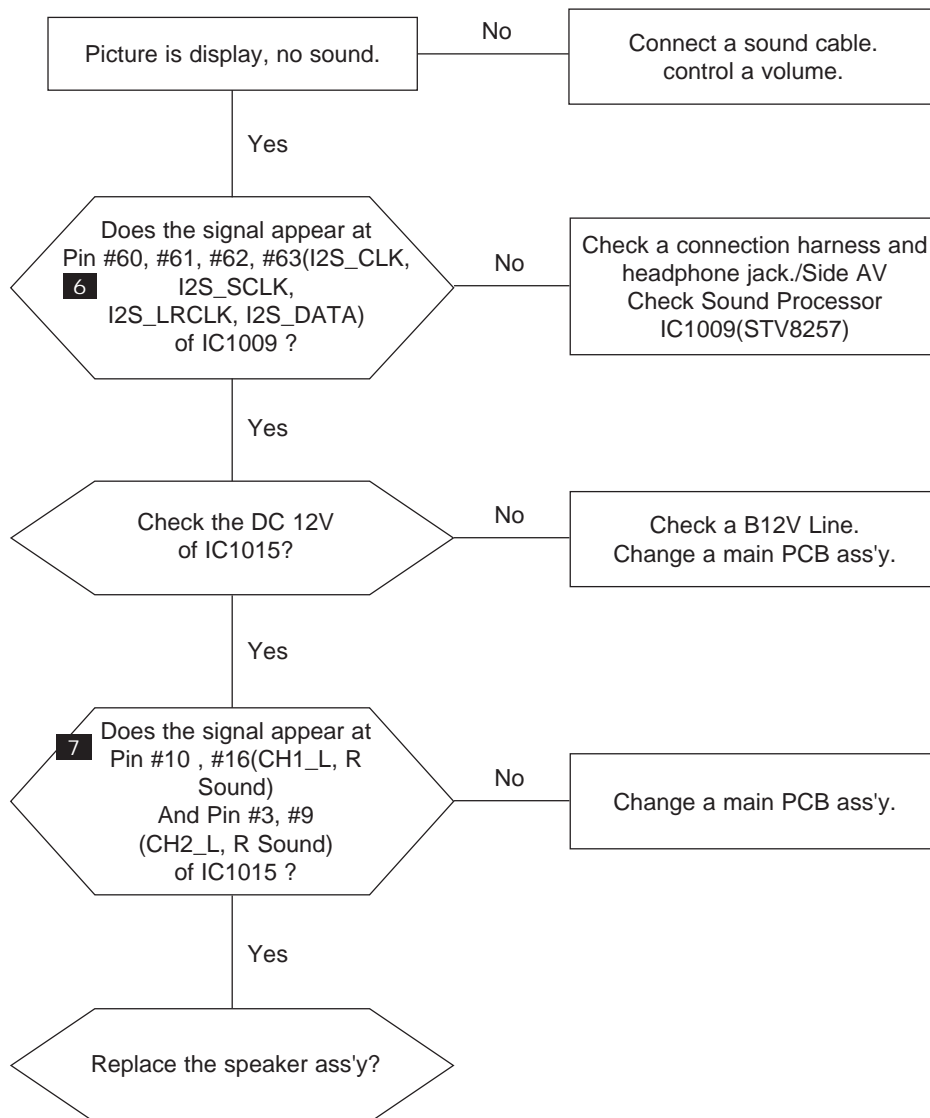
## 4-2-6 No Picture (S-VIDEO\_Y,C)



WAVEFORMS

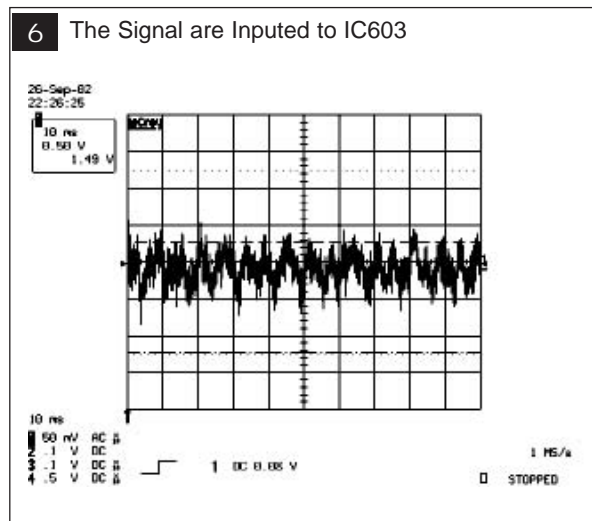


## 4-2-7 No Sound

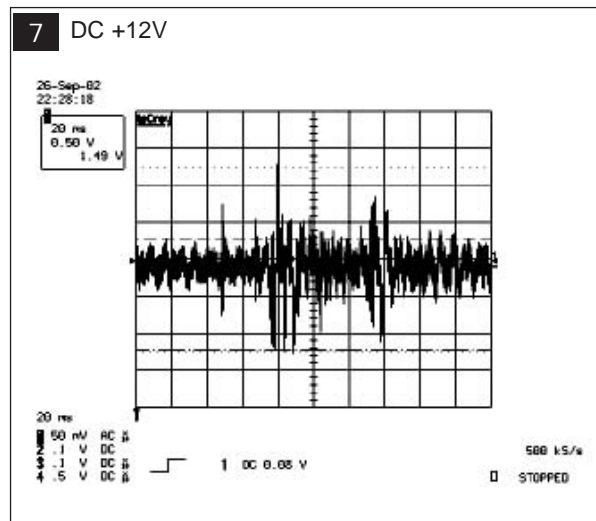


## WAVEFORMS

## 6 The Signal are Inputed to IC603



## 7 DC +12V



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## 3 Alignments and Adjustments

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### 3-1 Service Instruction

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation.  
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect against shock hazard, use an isolation transform.



## 3-2 How to Access Service Mode

### 3-2-1 Entering Factory Mode

1. To enter "Service Mode" Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



- If you have Factory remote - control



- The buttons are active in the service mode.

1. Remote - Control Key : Power, Arrow Up, Arrow Down, Arrow Left  
Arrow Right, Menu, Enter, Number Key(0~9)
2. Function - Control Key : Power, CH +, CH -, VOL +, VOL -,  
Menu, TV/VIDEO(Enter)

### 3-2-2 Panel Check

Specially for LE32R71B, You have to check Panel Maker Because of different adjustments as follows.  
First of all, Check the label rating!

#### 1) Label Rating File



- LCD PANEL MARK -  
A:ACER(AUO)      S:SEC

\* If not printed you could consider S(sec) panel mark.

#### 2) If Panel Mark is "A", Set the factory mode indicating as follows.

\* Option Byte

1. Inch Option      32"
2. Gamma      32"AUO
3. Panel Option      AUO

Others are same shown below.

## 3-3 Factory Data

1. Calibration  
 2. Option Table      XXXX XXXX  
 3. White Balance  
 4. SVP-PX  
 5. Option Block  
 6. STV8257/STA323W  
 7. YC Delay  
 8. Adjust  
 9. I2C Check  
 10. W/B MOVIE  
 11. Checksum  
 12. Reset  
 13. Spread Spectrum  
 T-BRDMPEUD-0036 (Main Micom Ver)  
 T-CBGMPEUS-0004 (Sub Micom Ver)  
 Month / Day / Year / Hour / Min. / Sec.

1. Calibration
- 1) AV Calibration
  - 2) COMP Calibration
  - 3) PC Calibration
  - 4) HDMI Calibration

2. Option Table      XXXX XXXX

No	Item					
1	Inch Option	27/32/37/40	27"	32"	37"	40"
2	Gamma	Off/AUO/CMO/AMLCD	CMO	Off/AUO	AUO	AMLCD
3	Panel Option	AUO/CMO/AMLCD_INT/Panel3/4/5/6	CMO	AMLCD_INT/AUO_MVA	AUO	AMLCD_INT
4	2HDMI	On/Off	Off	Off	Off	Off
5	Brt.Sensor	On/Off	Off	Off	Off	Off
6	Energy Save	On/Off	On	On	On	On
7	LBE/FBE	On/Off	Off	Off	Off	Off
8	FRC(Micronas)	On/Off	Off	Off	Off	Off
9	FRC2X	On/Off	Off	Off	Off	Off
10	LNA	On/Off	On	On	On	On
11	Carrier Mute	On/Off	Off	Off	Off	Off
12	Language	18 Language Support	English	English	English	English
13	Auto FM	On/Off	On	On	On	On
14	High Deviation	On/Off	Off	Off	Off	Off
15	TTX	On/Off	On	On	On	On
16	TTX List	Flof/List	Flof	Flof	Flof	Flof
17	ACR	On/Off	Off	Off	Off	Off
18	Dynamic CE		On	On	On	On
19	Dynamic Dimming		On	On	On	On
20	Tuner TOP		8	8	8	8
21	TTX Group	Auto/West/East/Russian/Greek/ Turkey/Arabic/Farsian/Arab,Hbrw	Auto	Auto	Auto	Auto
22	Auto Power	On/Off	On	On	On	On
23	Magazine LNA	On/Off	Off	Off	Off	Off

### 3 Alignments and Adjustments

No	Item					
24	Volume Mode	Fix	Small	Small	Small	Small
25	Shop Mode	On/Off	Off	Off	Off	Off
26	Debuf	On/Off	Off	Off	Off	Off
27	Ch. Table		SUWON	SUWON	SUWON	SUWON
28	iDTV_Cntry	UK/France/Germany/Sweden/ Italy/Spain/Finland	UK/Spain/ Finland	UK/Spain/ Finland	UK/Spain/ Finland	UK/Spain/ Finland
29	Dynamic Contrast	On/Off	Off	Off	Off	Off

### 3. White Balance

No	Item	Range	TV/AV	Component	PC	DVI(HDMI)
1	Sub-Brightness	0~255	80	115	128	140
2	R-offset	0~255	120	130	128	129
3	G-offset	0~255	128	128	128	128
4	B-offset	0~255	113	128	128	128
5	Sub-Contrast	0~63	36	32	32	28
6	R-Gain	0~255	140	129	128	130
7	G-Gain	0~255	128	128	128	128
8	B-Gain	0~255	150	129	128	120

### 4. SVP-EX

#### 1) Comb Filter

No	Item	Range	EEPROM	NTSC	PAL	SECAM		Control IC	Remark
1	Y-Filter	0~255			80h				X

#### 2) Peaking

No	Item	Range	EEPROM	TV	AV	Component		Control IC	Remark
1	Y-Peaking	0~255			80h				X
2	Peaking Delay	0~255			80h				X
3	Peaking Gain	0~255			80h				X
4	Peaking Width	0~255			80h				X
5	Peaking f0	0~255			80h				X

#### 3) NR

No	Item	Range	EEPROM	TV/AV/S-Video	Component	PC		Control IC	Remark
1	Y-NR-Off	0~255			80h				X
2	C-NR-Off	0~255			80h				X
3	Y-NR-ON	0~255			80h				X
4	C-NR-ON	0~255			80h				X

#### 4) DeInterlace

No	Item	Range	EEPROM	TV/AV/S-Video	Component	PC		Control IC	Remark
1	Monitor	0~255			80h				X

## 5) Picture Gain Adjust

No	Item	Range	EEPROM	TV/AV/S-Video	Component	PC	DVI/HDMI
1	TCD3 Contrast	0~255		AV Calibration(78h)	78h	78h	78h
2	TCD3 Brightness	0~255		AV Calibration(20h)	20h	20h	20h
3	TCD3 CR Saturation	0~255		78h	78h	78h	78h
4	TCD3 CB Saturation	0~255		78h	78h	78h	78h
5	TCD3 YC Delay	0~15		00h	00h	00h	00h
6	Analog Y offset	00~255		40h	3	40h	40h
7	Analog PB offset	00~255		80h	DTV Calibration(80h)	80h	80h
8	Analog PR offset	00~255		80h	DTV Calibration(80h)	80h	80h
9	Analog Y Gain	00~255		D6h	DTV Calibration(D6h)	D6h	D6h
10	Analog PB Gain	00~255		FEh	FEh	FEh	FEh
11	Analog PR Gain	00~255		FEh	FEh	FEh	FEh
12	Black Level Setting	00~255		00h			
13	Brightness (SVP)	0~255		00h			

## 5. MST9883

No	Item	Range	EEPROM	TV/AV/S-Video	Component	PC	DVI/HDMI
1	R-offset	00~255		151 (SC1 RGB)		PC Calibration(128)	
2	G-offset	00~255		151 (SC1 RGB)		PC Calibration(128)	
3	B-offset	00~255		151 (SC1 RGB)	X	PC Calibration(128)	X
4	R-Gain	00~255		123 (SC1 RGB)		PC Calibration(192)	
5	G-Gain	00~255		123 (SC1 RGB)		PC Calibration(192)	
6	B-Gain	00~255		123 (SC1 RGB)		PC Calibration(192)	

## 6. MSP34XX/44XX

No	Item	Range	EEPROM	PAL
1	FM-Prescale	00~255		20h
2	NT-M-Prescale	00~255		20h
3	SECAM-L-Prescale	00~255		22h
4	NICAM-Prescale	00~255		42h
5	AV-Prescale	00~255		1Ah
6	12S_1 Prescale	00~255		10h
7	12S_12 Prescale	00~255		10h
8	Carrier Mute	00~255		42h
9	Pilot High	00~255		14
10	Pilot Low	00~255		7

### 3 Alignments and Adjustments

#### 7. YC Delay

No	Item	Range	EEPROM	TV/AV/S-Video	Component	PC	DVI/HDMI
1	RF PAL-B/G	00~255		77h	88h	88h	88h
2	RF PAL-D/K	00~255		88h			
3	PF PAL-I	00~255		66h			
4	RF SECAM-B/G	00~255		88h			
5	PF SECAM-D/K	00~255		77h			
6	RF SECAM-L/L'	00~255		88h			
7	RF NTSC 3.58	00~255		66h			
8	RF NTSC 4.43	00~255		CCh			
9	AV PAL	00~255		77h			
10	AV SECAM	00~255		BBh			
11	AV NTSC 3.58	00~255		66h			
12	AV NTSC 4.43	00~255		CCh			
13	AV PAL60	00~255		77h			

#### 8. Adjust

No	Item	Range	EEPROM	TV/AV/S-Video	Component	PC	DVI/HDMI	Control IC	Remark
1	Video Mute Time			10					
2	Melody Volume	0~20		5					
	Ana_Dimm_Max			FEH					
3	TTX Contrast	0~100		50					
4	TTX Brightness	0~100		50					
5	TTX Color	0~100		50					
6	Dynamic Contrast	0~100		100					Dynamic Mode
7	Dynamic Brightness	0~100		50					
8	Dynamic Color	0~100		55					
9	Dynamic Sharpness	0~100		75					
10	Standard Contrast	0~100		80					Standard Mode
11	Standard Brightness	0~100		50					
12	Standard Color	0~100		50					
13	Standard Sharpness	0~100		50					
14	Movie Contrast	0~100		70					Movie Mode
15	Movie Brightness	0~100		50					
16	Movie Color	0~100		25					
17	Movie Sharpness	0~100		45					
No	Item	Range	EEPROM	TV/AV/S-Video	Component/PC/HDMI				
1	LNA PLUS				X		P4 CVD2 0x7F [07..00]		
2	RFDB_1 Level			1					
3	RFDB_2 Level			5					
4	RFDB_3 Level			10					
5	RFDB_4 Level			16					

9. 12C Check

10. Chip Debugger : OFF

11. Checksum    XXXX XXXX

12. Reset

13. Spread Spectrum

1	Spectrum	ON
2	Delta	-3
3	Positive	8
4	Negative	2

### 3 Alignments and Adjustments

## 3-4 Service Adjustment

### 3-4-1 White Balance - Calibration

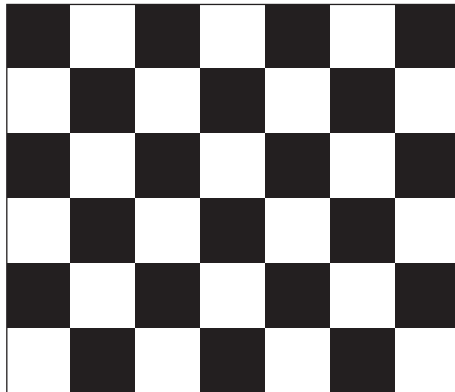
If picture color is wrong, do calibration first.

Equipment : CA210, Patten : chess pattern

Execute calibration in Factory Mode

Source AV : PAL composite, Component : 1280\*720/60Hz

PC : 1024\*768/60Hz



( chess patten )

### 3-4-2 White Balance - Adjustment

If picture color is wrong, check White Balance condition.

Equipment : CA210, Patten : Toshiba

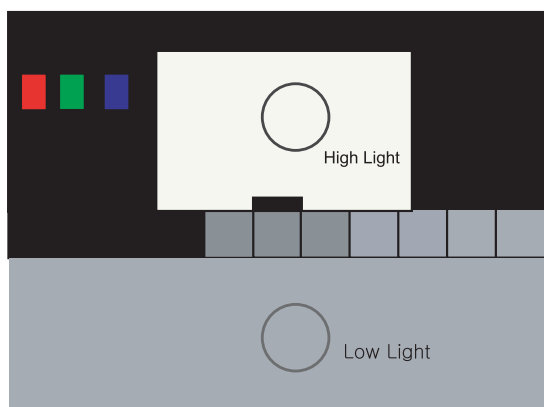
Adjust W/B in Factory Mode

Sub brightness and R/G/B Offset controls low light region

Sub contrast and R/G/B Gain controls high light region

Source AV : PAL composite, Component : 1280\*720/60Hz

HDMI[DVI] : 1280\*720/60Hz



[ Test Pattern : MSPG-945 Series Pattern #16 ]

\*Color temperature

1500K +/-500, -6 ~-20 MPCD

\*Color coordinate

H/L : 267/263 +/- 2 35.0 Ft +/- 2.0Ft

L/L : 270/260 +/- 3 1.5 Ft +/- 0.2Ft

Toshiba Patten

### 3-4-3 Conditions for Measurement

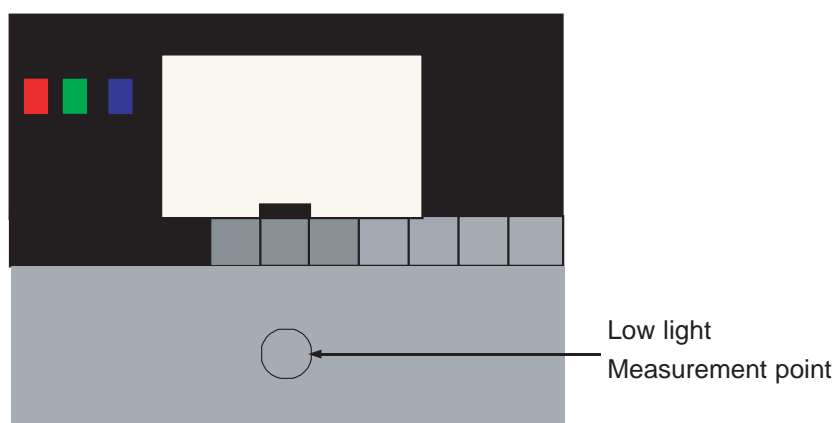
1. On the basis of toshiba ABL pattern : High Light level (57 IRE)
  - INPUT SIGNAL GENERATOR : MSPG-925LTH
    - \* Mode NO 2 : 744X484@60 Hz
    - NO 6 : 1280X720@60 Hz
    - NO 21 : 1024X768@60 Hz
    - \* Pattern NO 36 : 16 Color Pattern
    - NO 16 : Toshiba ABL Pattern
2. Optical measuring device : CA210 (FL)
 

Please use the MSPG-925 LTH generator for model LE26M51B/LE32M51B/LE40M51B/LE46M51B.

### 3-4-4 Method of Adjustment

1. Adjust the white balance of AV, Component and DVI Modes.
  - (AV → Component)
  - a) Set the input to the mode in which the adjustment will be made  
(RF → DTV → PC → DVI).
  - \* Input signal - VIDEO Mode : Model #2 (744\*484 Mode), Pattern #16
    - DTV,DVI Mode : Model #6 (1280\*720 Mode), Pattern #16
    - HDMI Mode: Model #6(1280\*720 Mode), Pattern #16
  - b) Enter factory color control, confirm the data.
  - c) Adjust the low light. (Refer to table 1, 2 in adjustment position by mode)
    - Adjust sub - Brightness to set the 'Y' value.
    - Adjust red offset ('x') and blue offset ('y') to the color coordinates.

Picture 4-2 Toshiba ABL Pattern



\* Do not adjust green offset data.

- d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)
  - Adjust red gain ('x') and blue gain ('y') to the color coordinates.
  - \* Do not adjust the green gain and sub-contrast (Y) data.



### 3 Alignments and Adjustments

## 3-5 Software Upgrade

### 3-5-1 How to Update Flash ROM

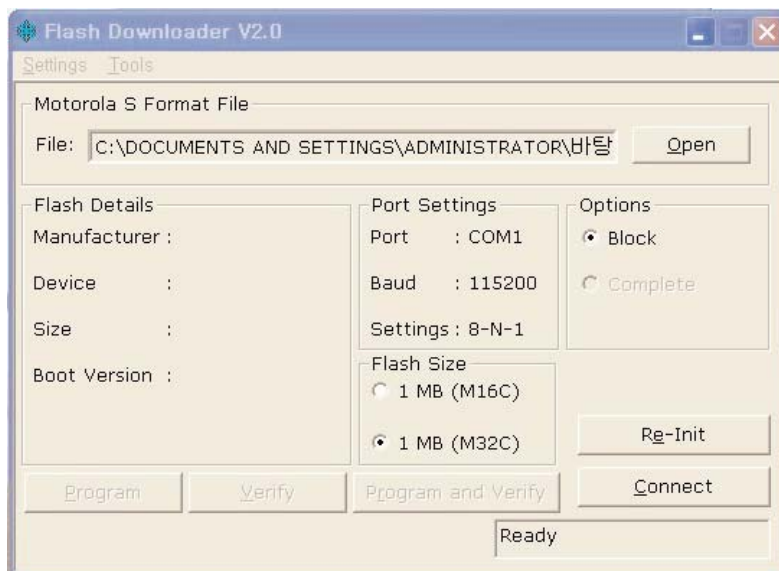
#### 1. Install the Flash Downloader

Connect Set (Service Jack) and Jig Cable to execute Program Update.



#### 2. Flash Downloader program update

- Before Turning on the set, Click "connect" which is under of OSD Screen!
- Turn on the Set.



## 3-6 DTV Program Download & Generals

### 3-6-1 Software Version Check Method

Press the MENU key and select System.

Where you can find the Product Information menu in it.

When you press the Product Information you can find the Software Version.



### 3-6-2 Serial Download Method

- 1) Turn off LCD-TV.
- 2) Connect the RS-232 cable to the LCD-TV
- 3) Execute the sv2\_fr.exe file.
- 4) Assign the path of samsung.tvz file (application image)
- 5) Execute the progress follow the screen until step 2.
- 6) Turn On the LCD-TV.

7) If the LCD-TV turn on during the sv2\_fr.exe execution, it will automatically find the COM port and execute the upgrade.

### 3-6-3 Hyper Terminal Setting

Set the hyper terminal to observe the progress of the TV via the RS-232 cable.

Set up hyper terminal.

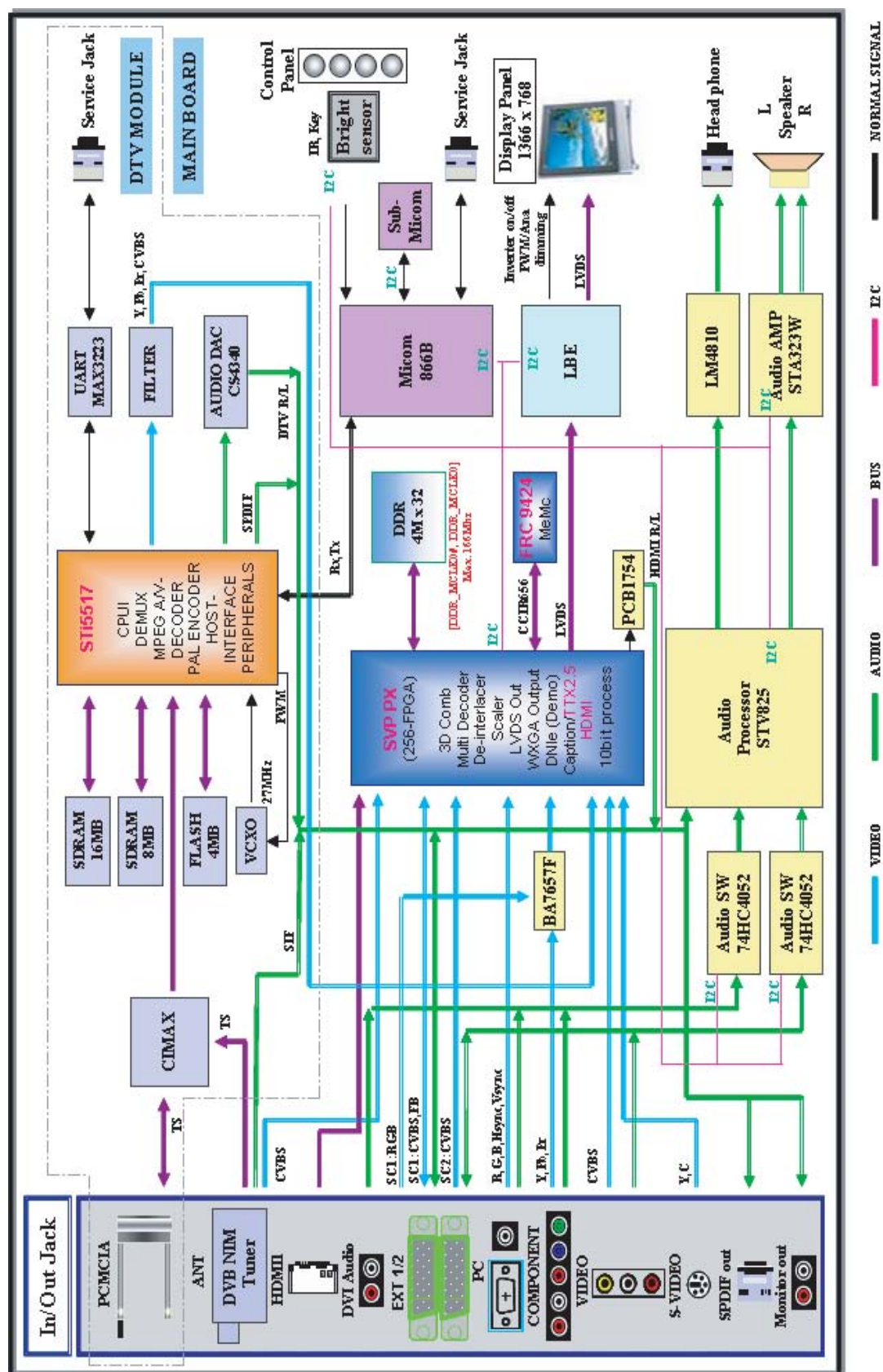
- 1) When setting up a hyper terminal, set it in sub-program.
- 2) Enter a new name.
- 3) Select a modem port. (com 1 and direct connection.)
- 4) Set the bit/second to 115200.
- 5) Set the data bit to 8.
- 6) No parity bit.
- 7) Set stop bit to 1.
- 8) No flow control.
- 9) Save in memory.
- 10) At this point, the new hyper terminal is ready.

### 3-6-4 Resetting the System Parameters

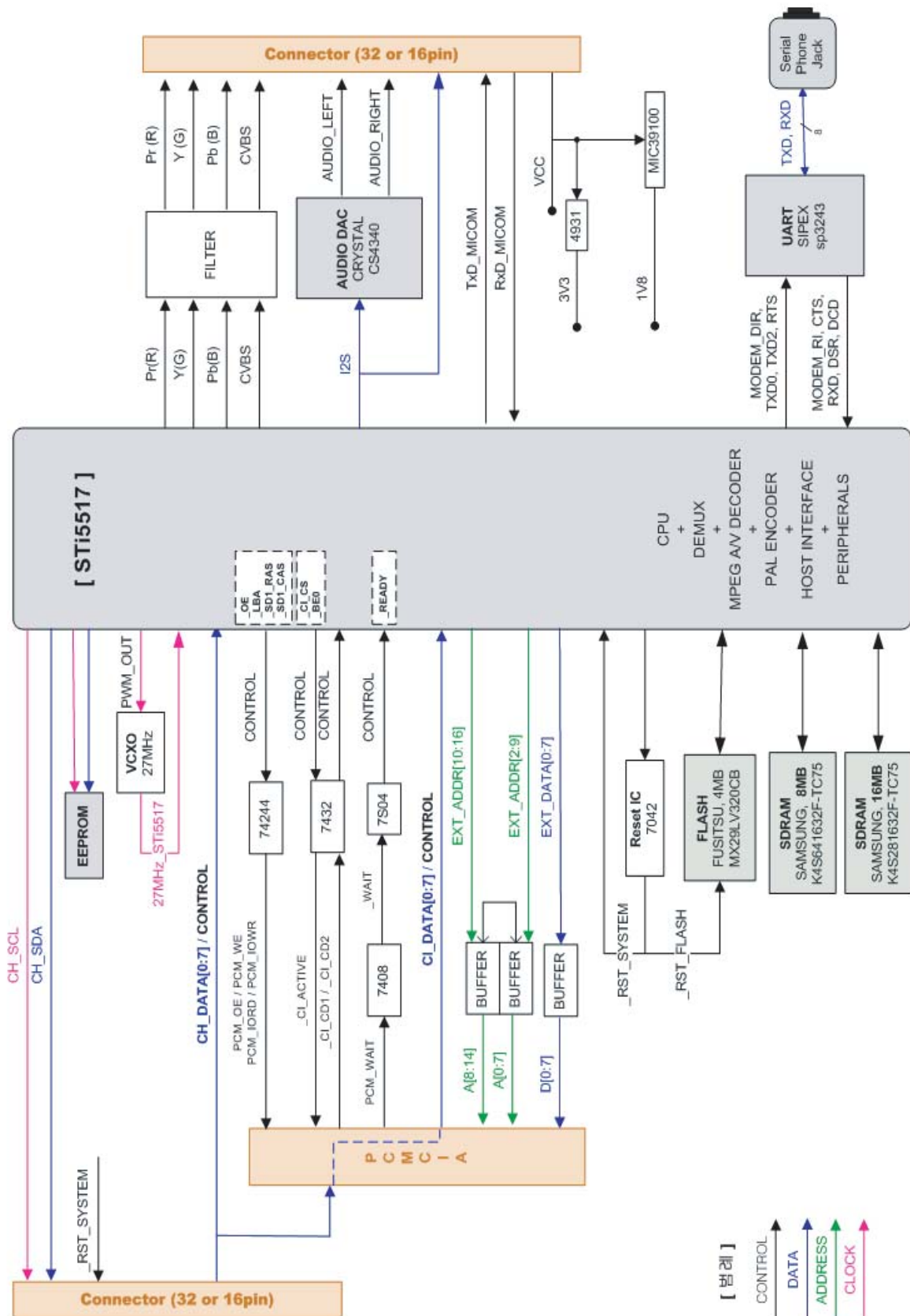
- 1) Press the MENU button and select the Reset menu of System.
- 2) Press the secret number.
- 3) Press the RED, GREEN, YELLOW, BLUE button in order, after the Reset execute.
- 4) In a few minutes, DTV will booting again.

## Memo

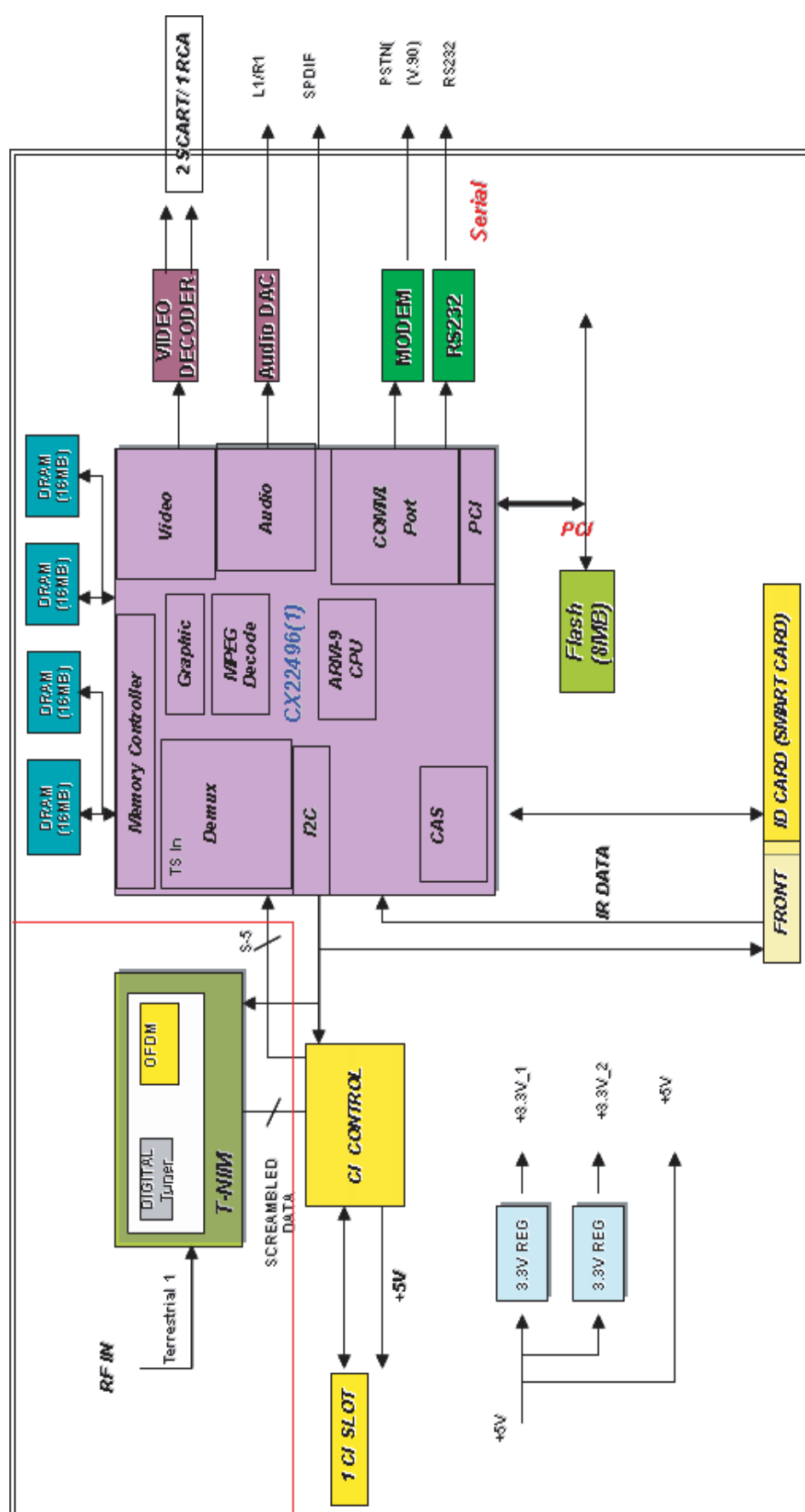
## 7-1 Main Block Diagram



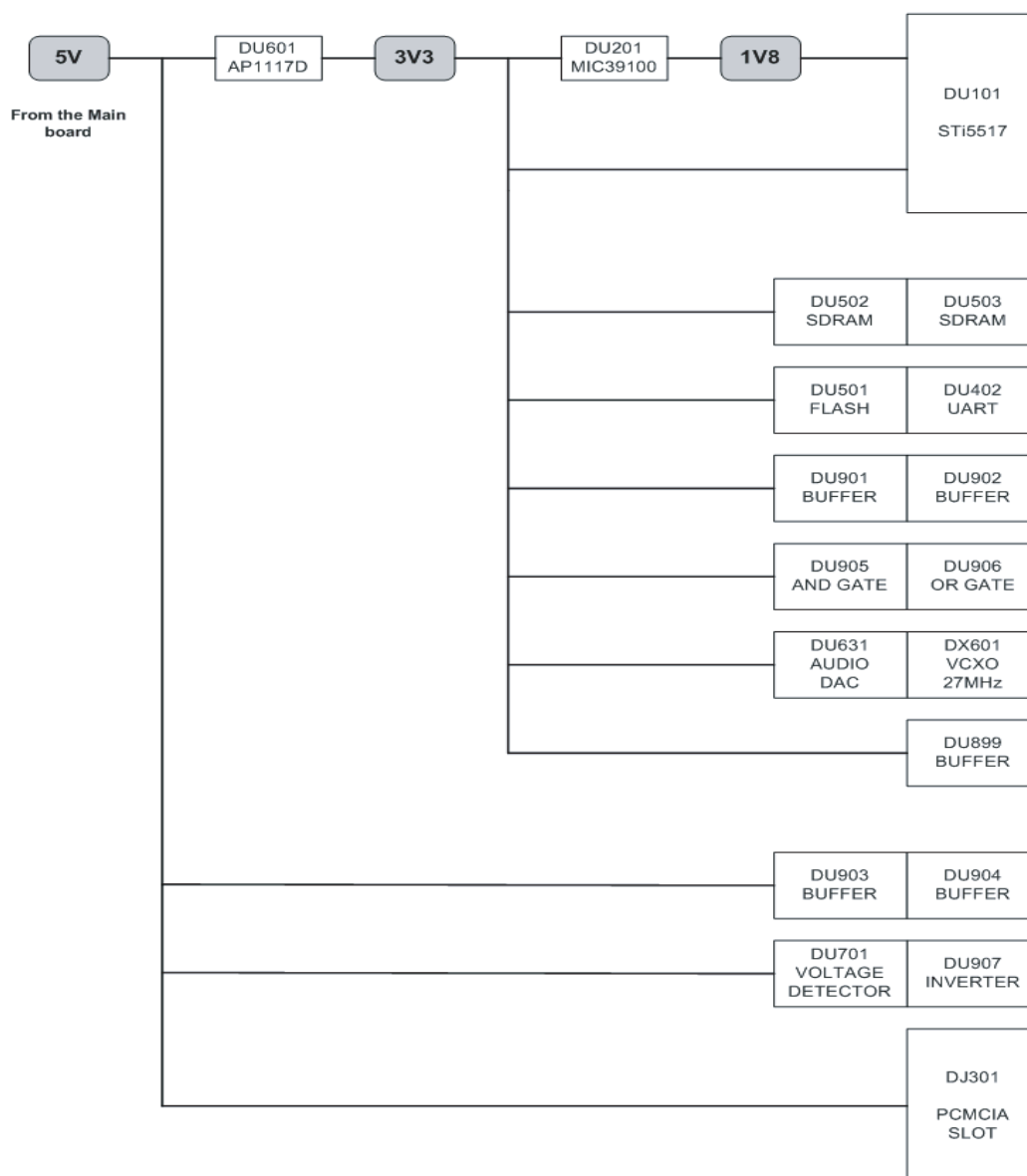
## 7-2 DTV Block Diagram



## 7-3 DTV Block Diagram(Only for Italy/Spain)



## 7-4 DTV Power Block Diagram

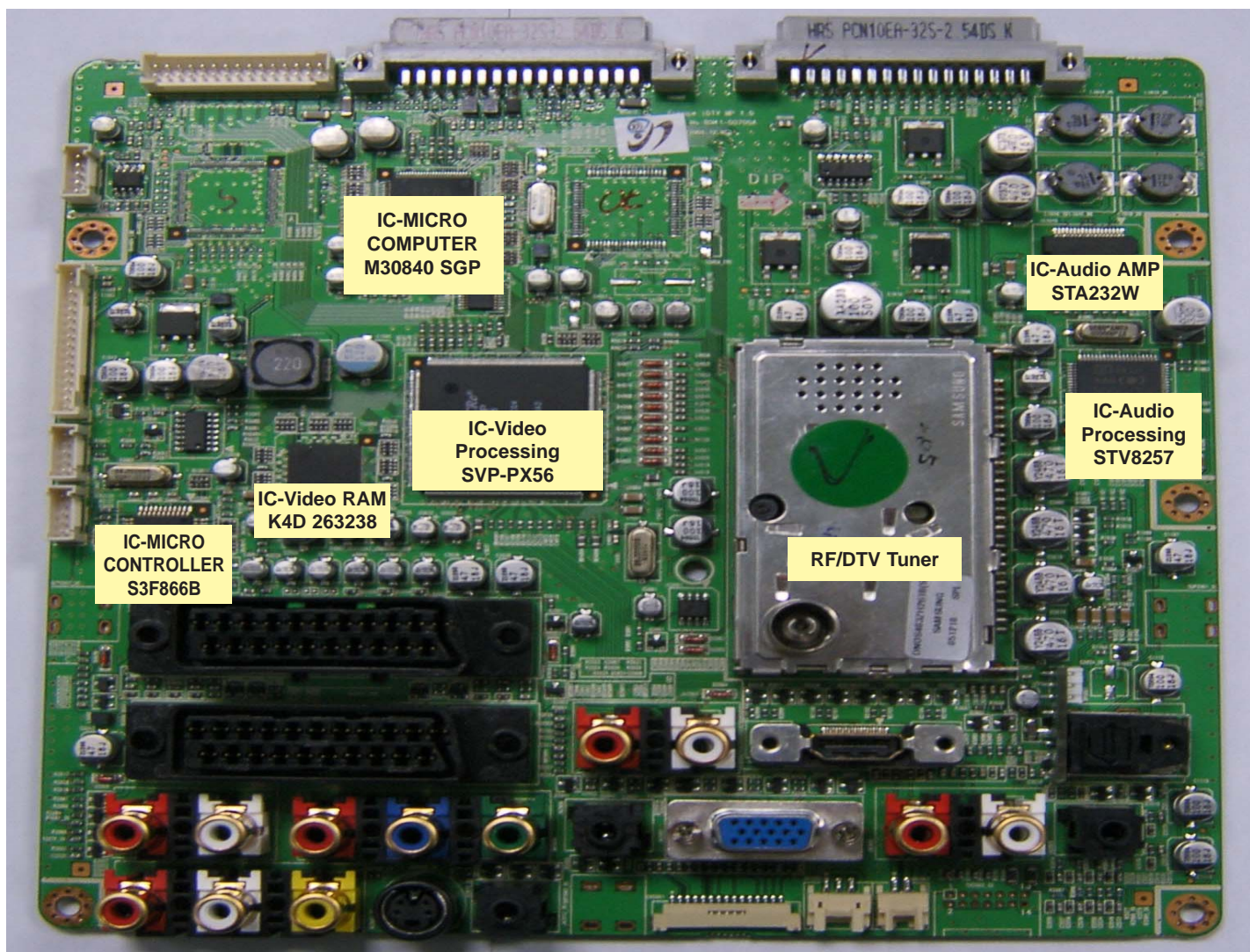




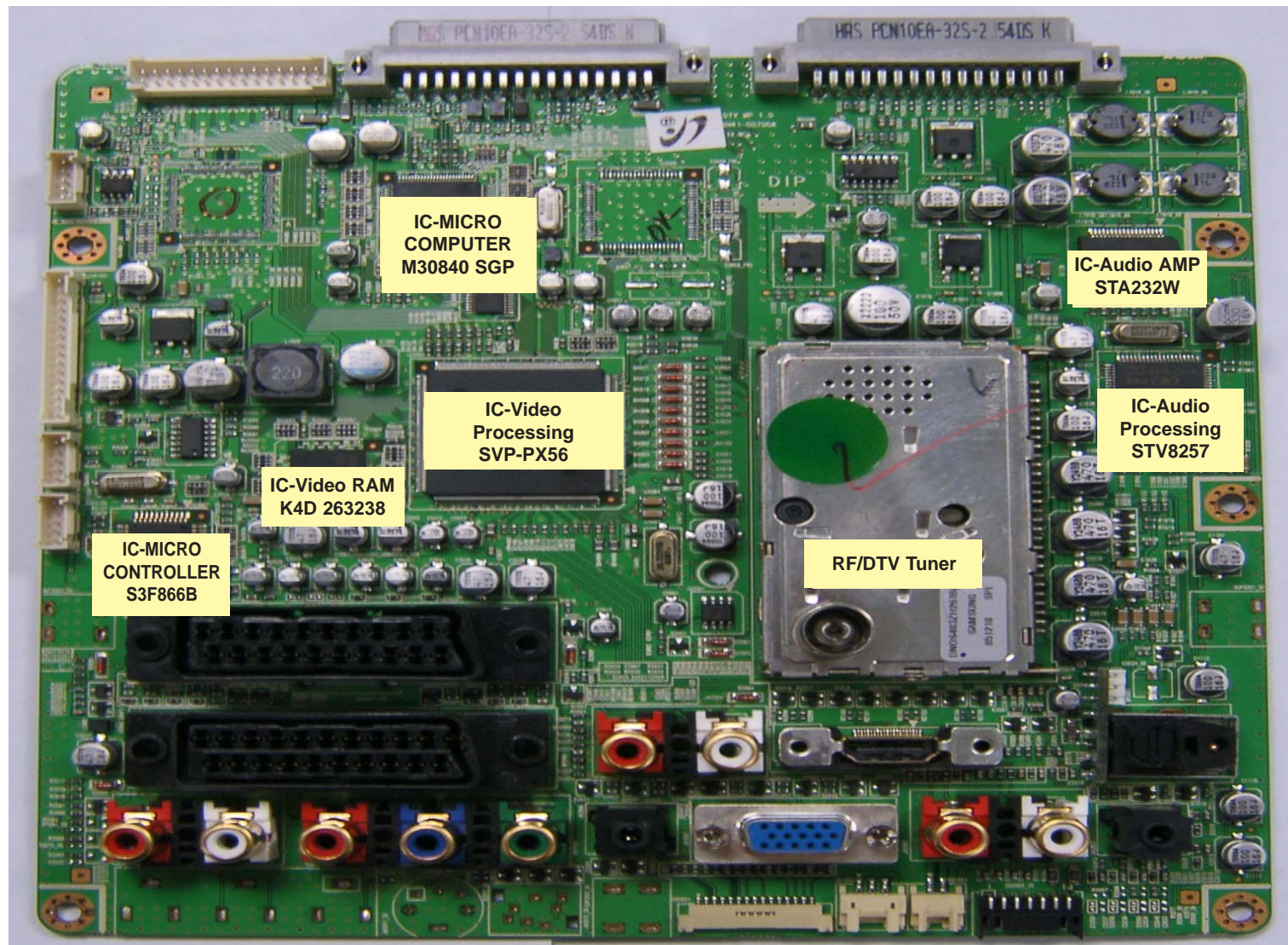
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12 PCB Diagram

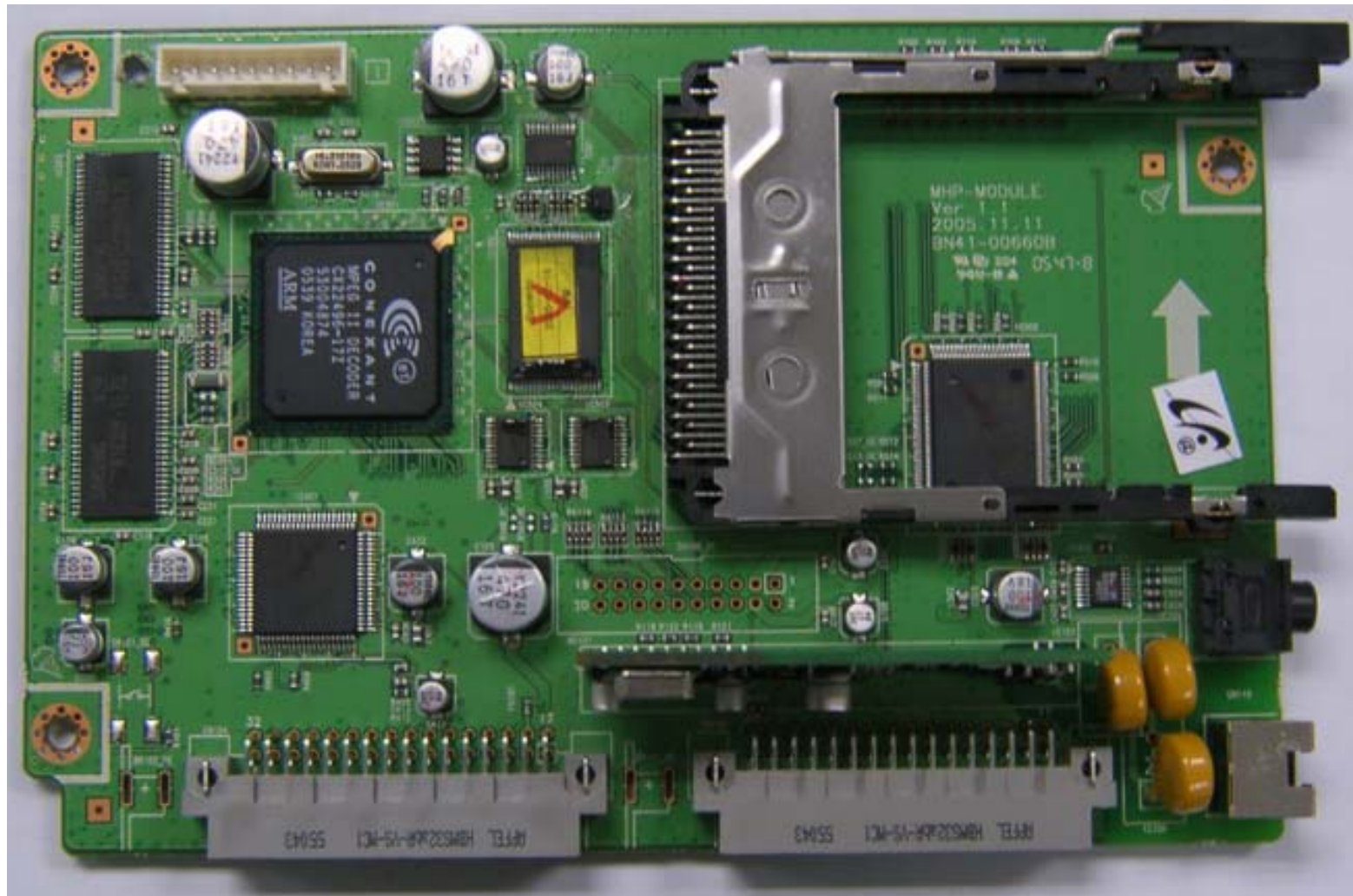
## 12-1 27" Main PCB Diagram



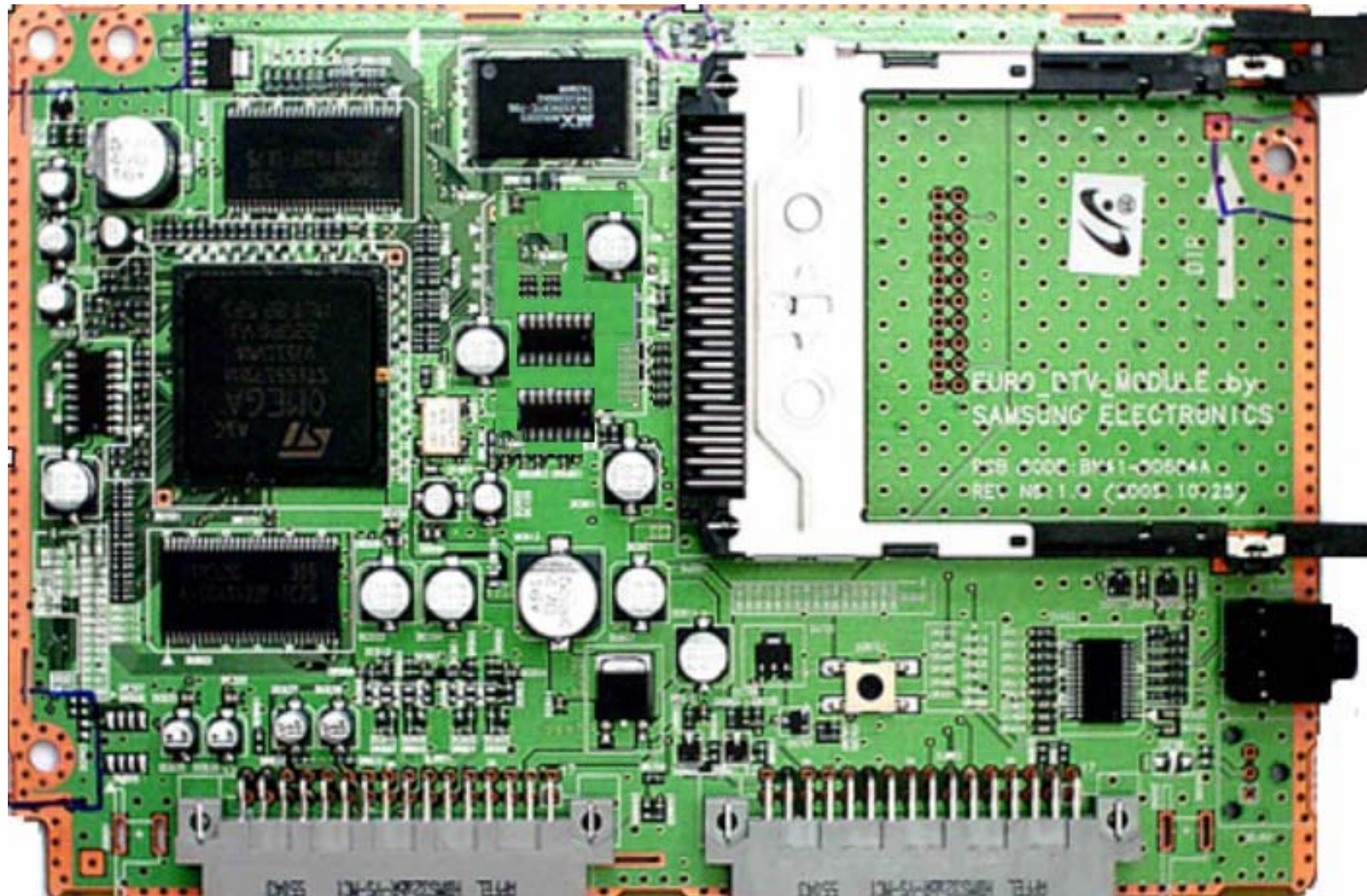




## 12-3 DTV MODULE PCB Diagram (Only for Italy/Spain)

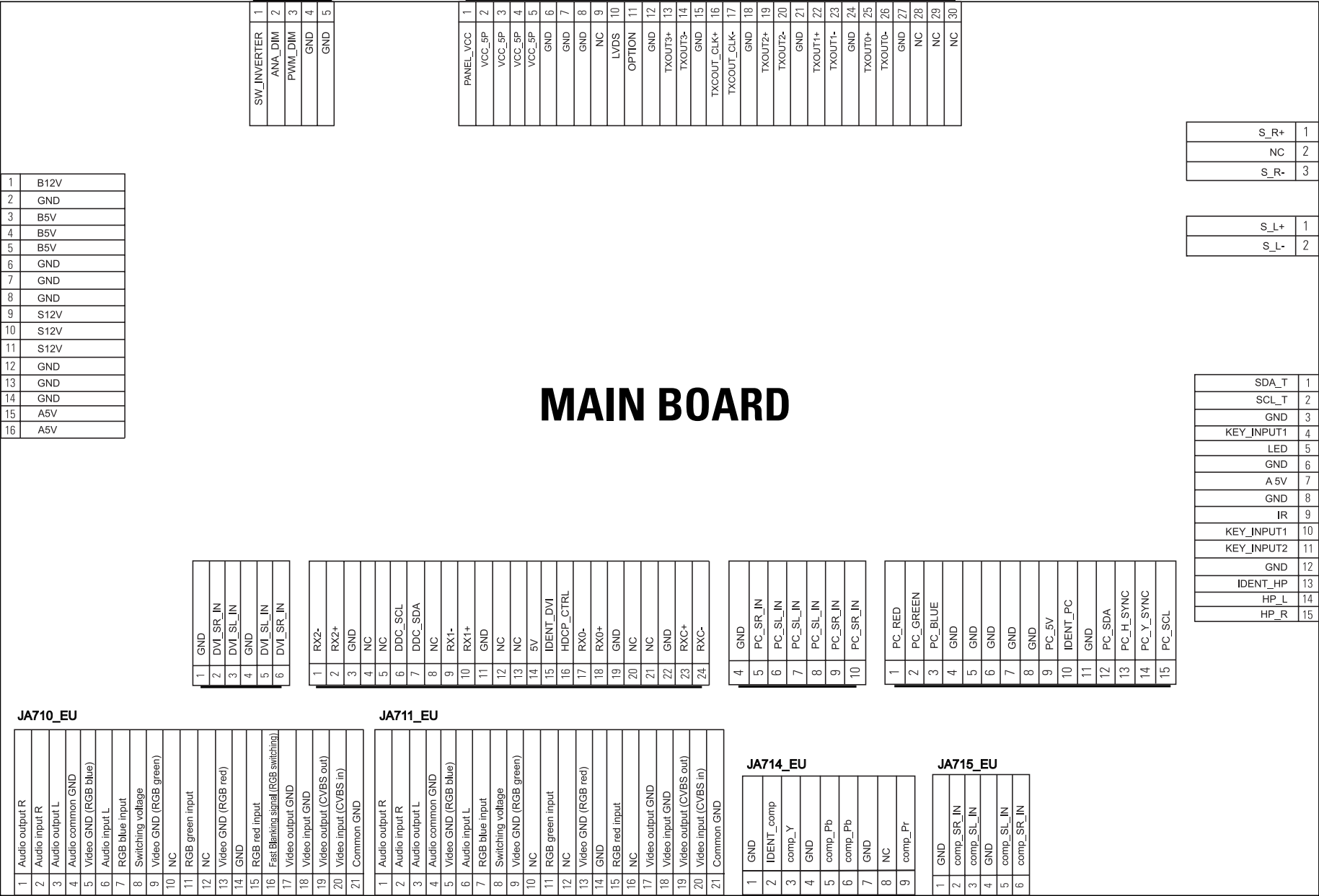




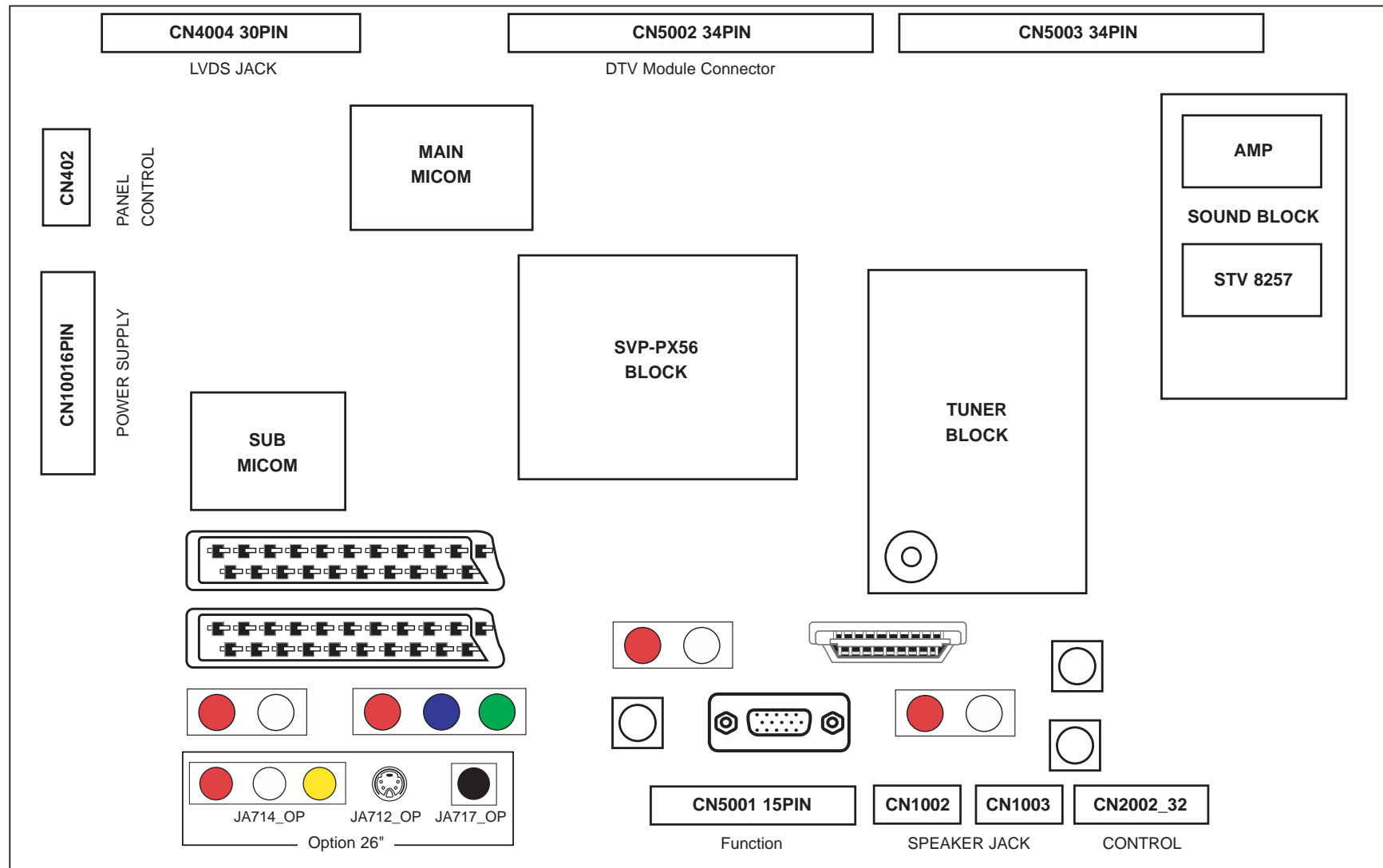


8 Wiring Diagram

8-1 LE27S73BD/LE32S73BD/LE37S73BD/LE40S73BD Wiring Diagram



## 8-2 Main Board Layout



8-3 PIN characteristic

**CN1001 - Main Board power supply**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NAME	B12V	GND	B5V	B5V	B5V	GND	GND	GND	B12VS	B12VS	B12VS	GND	GND	GND	A5V	A5V

Function Define

- 12V      B5V\_VCCA, B5V\_VCCB, IC611 POWER SUPPERLY
- 5V        B5V, B3.3V, B2.5V\_VDD, B3.3VD, VCC50
- 12VS     B12VS

**CN1002 / CN1003 - SPEAKER CONNECTOR**

PIN	1	2	3
NAME	R-OUT	NOP	R-REFERENCE

PIN	1	2
NAME	L-OUT	L-REFERENCE

**CN5001 - Front control**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NAME	GND	GND	A5V	-	KEY INPUT1	KEY INPUT2	GND	-	IR	-	LED_ GREEN	LED_ LED	GND	SDA	SCL

## Function Define

- A5V            Front control board poewr supply
- KEY INPUT1,2/SDA/SCL    Key control, from the memu, change up/down Etc.
- IR            Remote control signal
- LED\_GREEN/LED\_RED    Control the timing and stand by LED color

**CN4002 - Panel control**

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

## Function Define

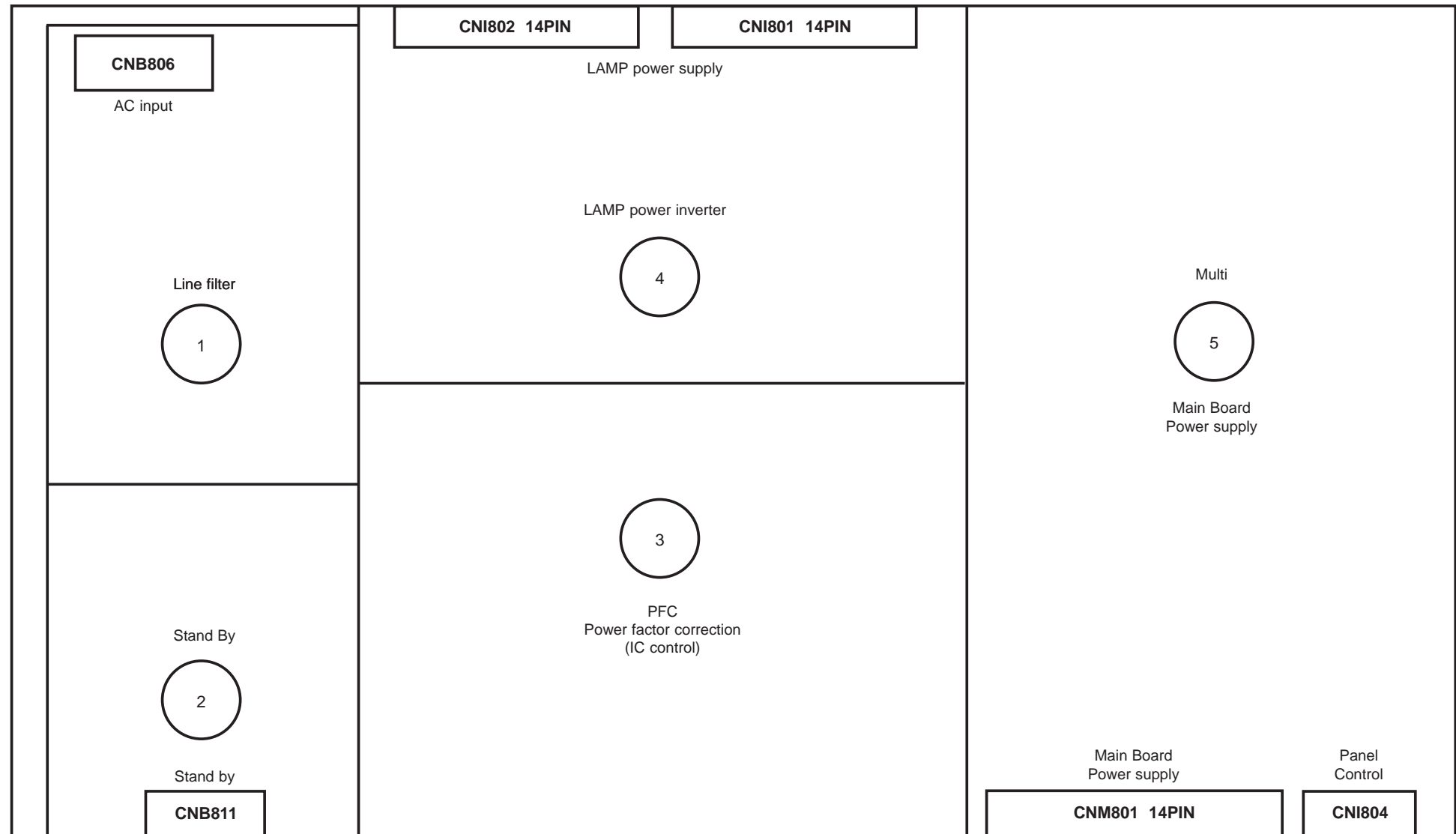
- SW\_inverter            panel inverter control, about 5V
- Ana\_dimming           panel dimming control
- PWM\_dimming        panel PWM control, duty 40% ~ 90%
- SENSOR POWER      brightness sensor power supply

**CN4004 - LVDS Signal**

PIN	NAME	PIN	NAME
1	VCC	16	TXOUTCLK +
2	VCC5P	17	TXOUTCLK -
3	VCC5P	18	GND
4	VCC5P	19	TXOUT2 +
5	VCC5P	20	TXOUT2 -
6	GND	21	GND
7	GND	22	TXOUT1 +
8	NOP (NOT USE)	23	TXOUT1 -
9	SDA 1	24	GND
10	SCL 1	25	TXOUT0 +
11	PANEL_SYNC_EN	26	TXOUT0 -
12	GND	27	GND
13	TXOUT3 +	28	SW_INVERTER
14	TXOUT3 -	29	ANA_DIMMING
15	GND	30	PWM_DIMMING



# 8-4 Power Board Layout



**CNB811 - Stand by supply**

PIN	1	2	3
NAME	Live	Netural	SW_POWER
VOLTAGE	AC	AC	ON/OFF

Functioning Define

- Refer to : CN802 function define

**CNM801 - Main Board power supply**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
NAME	12V	GND	5V	5V	5V	GND	GND	GND	12V	12V	12V	GND	GND	GND		

Functioning Define

- Refer to : CN801 function define

**CNM804 - Panel control**

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

Functioning Define

- Refer to : CN815 function define

**CN801 - Main Board power supply**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	24V	24V	24V	24V	24V	GND	GND	GND	GND	GND	GND	B/L	A_D	P_D

## Functioning Define

- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- A\_D ANA\_DIMMING
- P\_D PWM\_DIMMING

## 6 Electrical Parts List

-You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

### 6-1 LE27S73BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE27S73BDX/FID	LE27S73BD,R62A/27S70-GSD,27,LCD-TV,FINLA	0	
0.1	M0001	BN90-00978D	ASSY COVER FRONT;27S73,EO,ABS+PMMA,HB,BK	1	S.N.A
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A
..2	T0175	BN96-03279A	ASSY SPEAKER P;16ohm,Sonoma 26,Left,5W,N	1	S.A
..2	T0175	BN96-03280A	ASSY SPEAKER P;16ohm,Sonoma 26,Right,5W,	1	S.A
..2	T0003	BN96-03836D	ASSY COVER P-FRONT;27S73,EO,ABS+PMMA,HB,	1	S.A
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	S.N.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhc,PE Vinyl,T0.05,900mm,20	1.118	S.N.A
...3	M0112	BN63-02656D	COVER-FRONT;27S73,EO,ABS+PMMA,HB,BK23,S/	1	S.N.A
...3	T0056	BN63-02658A	COVER-DECORATION;GSM27KE,HIPS,HB,GR503,S	1	S.N.A
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0	1	S.N.A
...3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	S.N.A
...3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	S.N.A
...3	M0146	BN96-03437A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	S.A
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	S.A
...3	T0067	BP60-00032K	SPACER-SCREEN;56L5,EVA,V0,T1.0,295	6	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
0.1	M0002	BN90-00979D	ASSY COVER REAR;27S73,EO,HIPS,HB,BK500,P	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	S.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	9	S.A
..2	M0013	BN96-03837B	ASSY COVER P-REAR;27S73,EO,-,HIPS,HB,BK5	1	S.A
...3	T0101	BN61-02058A	BRACKET-WALL;23,27,MGM,SECC,T1.6	2	S.N.A
...3	M0006	BN63-02657B	COVER-REAR;27S73,EO,HIPS,HB,BK500,SONOMA	1	S.N.A
...3	T0071	BN64-00444E	INLAY-TERMINAL;CAMBRIDGE,26,PS SHEET,T0.	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	4	S.N.A
0.1	M0216	BN90-01005A	ASSY STAND;27T70,ABS+PMMA,HB,BK23,H/GLOS	1	S.N.A
..2	T0524	6902-000561	BAG PE;HDPE+NITRON(DOUBLE),T0.015+T0.5,W	1	S.N.A
..2	M0013	BN96-03945A	ASSY STAND P-BASE;SONOMA 27,ABS+PMMA,HB,	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	6	S.A
...3		BN61-01830A	BRACKET-STAND BOTTOM;26 MILANO,SECC,T2.0	1	S.N.A
...3	T0920	BN61-02369A	GUIDE-STAND;SONOMA 26,HIPS V0,BK500	1	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhc,PE Vinyl,T0.05,680mm,20	0.4	S.N.A
...3	T0004	BN63-02696A	COVER-STAND BASE;GML26,ABS+PMMA,HB,BK23,	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	6	S.N.A
0.1	T0852	BN91-00948A	ASSY LCD-CMO;LE27T51BX/*,TORINO	1	S.N.A
..2	M0215	BN07-00136A	LCD-PANEL;V270B1-L01,Torino,8BIT,638.5*3	1	S.A
0.1	M0017	BN91-01166B	ASSY CHASSIS;LE27S73BDX/FID	1	S.N.A
..2	M0014	BN94-01063B	ASSY PCB MAIN;LE27S73BDX/FID	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	S.A
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	S.A
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	S.A
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	S.A
...4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-4.4/2.0mm	1	S.A
...3	T0174	BN97-01136B	ASSY SMD;LE27S73BDX/FID	1	S.N.A
...4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-D20-45\$,96.5Sn/	3.577	S.N.A
...4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2047_26	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2053_26	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2060_26	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D1001	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
...4	D1004	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
...4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
...4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
...4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
...4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500mW,LL	1	S.A
...4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500mW,LL	1	S.A
...4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
...4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2045_26	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2046_26	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2048_26	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2049_26	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2050_26	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2058_26	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2059_26	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	S.N.A
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	SA
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	SA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	SA
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	SA
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	SA
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC	1	SA
....4	IC4006_26	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC	1	SA
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POSIFIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSIFIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P	1	SA
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	SA
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	S.N.A
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

[illegible]



## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R5010	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R5066	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R5069	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4121	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R2001	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R2005	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R2035	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R2040	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R1098	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2004	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2006	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2033	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2034	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2037	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2039	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2042	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2043	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2074	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2075	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2077	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2079	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3128	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3133	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2096_26	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2097_26	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3080	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3081	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1031	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3129	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	SA
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2072_26	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2073_26	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2092_26	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	SA
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1141	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2002	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C3001	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C3005	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C3034	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4017	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4019	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4020	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4022	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4026	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4028	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4029	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4031	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4032	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4034	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4035	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4036	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4038	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4039	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4040	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4041	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4042	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4045	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4048	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4049	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4056	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4059	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4060	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4061	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4062	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4063	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4067	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4068	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4069	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4070	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4071	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4073	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4076	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4077	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4080	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4081	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4083	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4095	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C5026	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C5038	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C5043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C5022	2203-000221	C-CER,CHIP;100nF,20%,50V,Y5V,TP,3216	1	S.A
....4	C1050	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1134	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1135	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1161	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1162	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1163	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2003	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2004	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2005	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2011	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2012	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2013	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2014	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2019	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2020	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2022_DE	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1110	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2033_26	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2034_26	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2035_26	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2036_26	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2037_26	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1065	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1076	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1080	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1081	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1085	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	SA
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10mm	1	SA
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C1009	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1010	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1015	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1029	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1036	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1042	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1059	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1112	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1113	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1115	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1123	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	SA
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1057	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1128	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1167	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1170	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C4123	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5005	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5016	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1127	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C1165	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C4030	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4047	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4051	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	S.A
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	X3002	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A
....4	X3001	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	S.A
....4	X1001	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	S.A
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	S.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	S.N.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	S.A
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	S.A
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	S.A
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	S.N.A
....4	M0018	BN97-00805G	ASSY MICOM;T-CBGMPEUS-1001,LE32R73BDX/XE	1	S.A
....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	S.N.A
....4	M0018	BN97-01186C	ASSY MICOM;T-BSMMPFND,GSD32SEN-R62A/S70S	1	S.N.A
....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	S.N.A
..2	T0422	BN94-00868E	ASSY PCB MISC-DTV MODULE;LE26R73BDX/FID	1	S.N.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.003	S.N.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	DJ301	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	S.A
...3	JA330	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	S.A
...3	T0174	BN97-00842G	ASSY SMD;LE26R73BDX/XEE	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	0.465	S.N.A
....4	DQ701	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A
....4	DQ401	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	DQ402	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	DQ703	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	DQ704	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI	1	S.A
....4	IC104	0801-002237	IC-CMOS LOGIC;74V(A)HC1G04,INVERTER,SC70	1	S.A
....4	IC104	0801-002394	IC-CMOS LOGIC;74LCX32,OR GATE,SOIC,14P,1	1	S.A
....4	IC104	0801-002407	IC-CMOS LOGIC;74LCX08,AND GATE,SOIC,14P,	1	S.A
....4	IC104	0801-002683	IC-CMOS LOGIC;74HCT245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC107	1002-001227	IC-D/A CONVERTER;CS4340-KSR,24BIT,SOP,16	1	S.A
....4	DJ402	1006-001165	IC-LINE TRANSCEIVER;MAX3243CDBR,SSOP,28P	1	S.A
....4	IC113	1105-001305	IC-DRAM;4S641632,-,64MBIT,1MX16X4BIT,TSO	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSSOP,54P	1	S.A
....4	DJ701	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-003704	IC-POSIFIXED REG.;G953-18T6U,SOT-223,3P	1	S.A
....4	DJ101	1204-002400	IC-DECODER;ST15517SUA,PBGA,416P,27x27mm,	1	S.A
....4	DR155	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	DR156	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	DR140	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR154	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR158	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR159	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR811	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR812	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR907	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	OR112	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	OR113	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR1102	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR111	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR116	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR169	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR170	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A

[illegible]



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR407	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR419	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR704	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR162	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR163	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR164	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR165	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR502	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR503	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR505	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR702	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR139	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR141	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR142	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR143	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR144	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR153	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR417	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR418	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR701	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR703	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR705	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR707	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR117	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR177	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR178	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR179	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR188	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR189	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR190	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR191	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR192	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR193	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR194	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR416	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR423	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR424	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR632	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR633	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR901	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR903	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR904	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR918	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR919	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR700	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR706	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR408	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR409	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR410	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR411	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR412	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR413	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR414	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR415	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR601	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR908	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR909	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR910	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR911	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR912	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR913	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR914	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR915	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR999	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR101	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	DR173	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	S.A
....4	DR205	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	S.A
....4	DR132	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR133	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR134	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR135	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR167	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR800	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR801	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR802	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR803	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR804	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR805	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR806	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR807	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR420	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	DR421	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	DRA103	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	DRA401	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	DRA108	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA109	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA110	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA111	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA112	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA113	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA114	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA115	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA116	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA117	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA118	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA119	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA120	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA121	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA122	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA123	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA124	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA125	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DC100	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC105	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC107	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC109	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC114	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC801	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC804	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC807	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC810	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC155	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	DC700	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	DC701	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	DC101	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC106	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC113	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC115	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC117	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC119	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC127	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A



## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DC125	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC602	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC154	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC522	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC611	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC634	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC901	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC904	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC635	2402-001158	C-AL,SMD;1UF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC636	2402-001158	C-AL,SMD;1UF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC637	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC638	2402-001159	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC202	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	DC613	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	DX601	2806-001308	OSCILLATOR-VCXO;27MHZ,-30PF,TP,3.3V,50M	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	MP1.1	BN41-00684A	PCB-DIGITAL B/D;BORDEAUX,FR-4,6L,1.0,1.6	1	S.N.A
....4	M0018	BN97-00805S	ASSY MICOM;29LV320,2006/03/22,GSX32KE,11	1	S.N.A
....5	IC115	1107-001475	IC-FLASH MEMORY;29LV320,32MBIT,4MX8/2MX1	1	S.N.A
....3	T0066	BP62-00017A	HEAT SINK-ES;SP-50L2HX,A6063S,T2.0,26.2,	1	S.N.A
0.1	M0112	BN91-01170A	ASSY SHIELD;LE27S73BDX/XEU	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	T0076	BN39-00615D	CBF HARNES;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00659A	LEAD CONNECTOR;RE32"CMO,UL1007#26,14/12P	1	S.A
..2	M2893	BN39-00691B	LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1	1	S.A
..2	M2893	BN39-00721A	LEAD CONNECTOR-LVDS;Sonoma,UL1571#30,30P	1	S.A
..2		BN61-02207A	BRACKET-PANEL SIDE;Bordeaux 26,SECC,T1.2	4	S.N.A
..2		BN61-02364A	BRACKET-STAND LINK;SONOMA 32,SECC,T1.6	1	S.N.A
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
..2	M0146	BN63-02462A	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK	1	S.N.A
..2	T0159	BN96-03058A	ASSY PCB P-SMPS;Bordeaux 26 PFC,LE26R71B	1	S.A
..2	T0175	BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	S.N.A
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	S.N.A
..2	T0447	BN96-04168A	ASSY BRACKET P-PANEL;SONOMA,27EO,IDTV,SE	1	S.N.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
...3		BN61-02208A	BRACKET GUIDE-MAIN;Bordeaux 26,SECC,T1.2	1	S.N.A
...3		BN61-02209A	BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1.	1	S.N.A
...3		BN61-02210A	BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1.	1	S.N.A
...3	M0146	BN61-02362A	BRACKET-PANEL TOP;SONOMA 27,SECC,T1.2	1	S.N.A
...3		BN61-02363A	BRACKET-PANEL BOTTOM;SONOMA 27,SECC,T1.6	1	S.N.A
...3		BN61-02394A	BRACKET-PLATE;CAMBRIDGE26,SECC,T1.2	1	S.N.A
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
...3	M0131	BN63-02904A	GASKET;SONOMA iDTV,Conductive Fabric,14,	1	S.N.A
..2	M0412	BN63-02871A	COVER-INSULATOR;27" ROME-5,PET,T0.35	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	6	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	4	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(YEL)	1	S.N.A
0.1	M0003	BN92-01931K	ASSY BOX;27S73,EO(XEF,XEG,FID),-,SONOM	1	S.N.A
..2	T0130	BN69-01418F	BOX-00,SET;27S73,SY-05,A,YEL,A1,GER/FRA/	1.02	S.N.A
0.1	M0113	BN92-01932A	ASSY P/MATERIAL;27T70,SONOMA	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.016	S.N.A
..2	T0524	6902-000358	BAG PE;HDPE/NITRON(DOUBLE),T0.02/T0.5,W9	1	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.005	S.N.A
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	3.8	S.N.A
0.1	M0045	BN92-01991B	ASSY ACCESSORY;LE27S73BD/LE32S73BD,FID	1	S.N.A
..2	M0045	BN96-04157B	ASSY ACCESSORY;LE27S73BD/LE32S73BD,FID	1	S.A
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	S.N.A
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	S.N.A
...3	T0074	BN59-00516A	REMOCON;CAMBRIDGE,TM87B,45,CAMBRIDGE,EUR	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	S.N.A
...3	T0531	BN63-02415B	COVER-BOTTOM;SONOMA,32,HIPS,HB,BK500	1	S.N.A
...3	T0511	BN68-01007L	MANUAL USERS;COMM,SAMSUNG,English,Sweden	1	S.N.A
...3	ACCESSORY	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL-,W573,D63	1	S.N.A
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	S.N.A
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A
...3	T0238	BN68-00514C	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	S.N.A
0.1	M0019	BN92-01995B	ASSY LABEL;LE32S73BD	1	S.N.A

## 6-2 LE32S73BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE32S73BDX/FID	LE32S73BD,R62A/32S70-GSD,32,LCD-TV,FINLA	0	
0.1	M0001	BN90-00858G	ASSY COVER FRONT;32S73,EO,ABS+PMMA,HB,BK	1	S.N.A
.2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A
.2	T0175	BN96-03247B	ASSY SPEAKER P;8ohm,Yellow/Black,470mm,1	1	S.A
.2	T0175	BN96-03248B	ASSY SPEAKER P;8ohm,Red/Black,950mm,10W,	1	S.A
.2	T0003	BN96-03628H	ASSY COVER P-FRONT;32S73,EO-,ABS+PMMA,H	1	S.A
.3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	S.N.A
.3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
.3		BN63-01925A	FELT-VIBRATION;42D5,FELT,T0.35,10,370	4	S.N.A
.3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1.65	S.N.A
.3	T0056	BN63-02413A	COVER-DECORATION;SONOMA 32,HIPS,HB,GR503	1	S.N.A
.3	M0112	BN63-02551E	COVER-FRONT;32S73,EO,ABS+PMMA,HB,BK23,S/	1	S.N.A
.3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A
.3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
.3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0	1	S.N.A
.3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	S.N.A
.3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	S.N.A
.3	M0146	BN96-03438A	ASSY BOARD P-POWER & IR;BORDEAUX2,CT5000	1	S.A
.3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	S.A
.3	T0069	AA63-60001Q	SPACER-FELT;-FELT,-,-,BLK,T0.35,-,150	1	S.N.A
.3		BN63-01151D	FELT-NON WOVEN;SP20UO,FELT,T0.5,10,90	4	S.N.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
0.1	M0002	BN90-00879F	ASSY COVER REAR;32S73,EO,HIPS,HB,BK500,P	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	9	S.A
.2	M0013	BN96-03838B	ASSY COVER P-REAR;32S73,EO-,HIPS,HB,BK5	1	S.A
.3	M0006	BN63-02659B	COVER-REAR;32S73,EO,HIPS,HB,BK500,SONOMA	1	S.N.A
.3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	S.N.A
.3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
.3		BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	2	S.N.A
.3		BN61-02776A	HOLDER-WALL;32R7,ABS,HB,BLK	2	S.N.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	4	S.N.A
0.1	M0216	BN90-00967A	ASSY STAND;32T70,ABS+PMMA,HB,BK23,H/GLOS	1	S.N.A
.2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
.2	M0013	BN96-03698A	ASSY STAND P-BASE;SONOMA32,ABS+PMMA,HB,B	1	S.A
.3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	S.A
.3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	6	S.A
.3		BN61-01812A	BRACKET-STAND BOTTOM;32 MILANO,SECC,T2.0	1	S.N.A
.3	T0920	BN61-02360A	GUIDE-STAND;SONOMA 32,HIPS VO,BK500	1	S.N.A
.3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.34	S.N.A
.3	T0004	BN63-02697A	COVER-STAND BASE;GML32,ABS+PMMA,HB,BK23,	1	S.N.A
.3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	6	S.N.A
0.1		BN91-01017F	ASSY LCD-SPB;LE32R71B,32",BORDEAUX,AM LC	1	S.N.A
.2	M0215	BN07-00247A	LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50	1	S.A
0.1	M0017	BN91-01167B	ASSY CHASSIS;LE32S73BDX/FID	1	S.N.A
.2	M0014	BN94-01064B	ASSY PCB MAIN;LE32S73BDX/FID	1	S.A
.3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
.3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
.3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
.3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
.3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
.3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
.3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
.3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	S.A
.3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
.3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
.3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
.3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
.3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
.3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
.3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
.3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
.3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
.3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	S.A
.3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	S.A
.4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-,4.4/2.0mm	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	T0174	BN97-01137B	ASSY SMD;LE32S73BDX/FID	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.577	S.N.A
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D1001	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1004	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	S.N.A
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	S.A
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	S.A
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	S.A
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	S.A
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	S.N.A
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4016	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4017	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4018	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4051_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4086_EN	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5076	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5099	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5115	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5116	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1084	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R1095	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2063	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2107	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2109	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2111	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2112	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2113	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4015	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4020	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4093	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5030	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5031	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5032	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5033	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5061	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5065	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5071	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5077	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5081	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5085	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5088	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5090	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5094	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5098	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5102	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5104	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R1061	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R1063	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2007	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2008	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2049	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2051	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4104	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4105	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4106	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4107	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4108	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4109	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4111	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4112	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4113	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5019	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5020	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5048	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5050	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R1009	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1010	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1011	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1012	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1013	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1014	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1017	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1018	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1032	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1033	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1037	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1040	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1042	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1047	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1048	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1049	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1050	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1052	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1053	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1054	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1055	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R1056	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R1091	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R1092	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R1093	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2018	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2022	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2023	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2029	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2031	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2053	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2058	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2060	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2068	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2081	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2084	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2093	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3008	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3009	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3010	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3011	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3034	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3046	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3057	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3058	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3059	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3062	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3063	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3073	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3074	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3077	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3078	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3127	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R3135	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4028	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4038	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4049	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4050	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4097	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4102	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4120	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R5010	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R5066	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R5069	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R4121	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R2001	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R2005	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R2035	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R2040	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R1098	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2004	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2006	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2033	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2034	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2037	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2039	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2042	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2043	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2074	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2075	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2077	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2079	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3128	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3133	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3080	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3081	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3086	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3087	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3109	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3111	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3112	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3113	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3116	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3134	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R3137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R4098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2057	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2065	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3005	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3006	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3007	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3075	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3076	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3083	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3084	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3085	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3140	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5004	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1065	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1070	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1071	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1082	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3004	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1080	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1031	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3129	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	S.A
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	SA
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1141	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C1168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C2002	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3001	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3005	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C3034	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C4016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

[illegible]



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2022_DE	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1110	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	S.A
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	S.A
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	S.A
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	S.A
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	S.A
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	S.A
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	S.A
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	S.A
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	S.A
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	S.A
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1065	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1076	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1080	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1081	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1085	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	S.A
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	S.A
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	S.A
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10m	1	S.A
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C1009	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1010	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1015	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1029	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1036	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1042	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1059	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1112	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1113	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1115	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1123	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	S.A
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1057	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1128	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1167	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1170	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C4123	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5005	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5016	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1127	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C1165	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C4030	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4047	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4051	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4127	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	S.A
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	X3002	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A
....4	X3001	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	S.A
....4	X1001	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	S.A
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	S.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm		

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	S.A
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	S.A
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	S.A
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	S.N.A
....4	M0018	BN97-00805G	ASSY MICOM;T-CBGMPEUS-1001,LE32R73BDX/XE	1	S.A
....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	S.N.A
....4	M0018	BN97-01186C	ASSY MICOM;T-BSMMPFND,GSD32SEN-R62A/S70S	1	S.N.A
....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	S.N.A
..2	T0422	BN94-00868F	ASSY PCB MISC-DTV MODULE;LE32R73,LE40R73	1	S.N.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.003	S.N.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	DJ301	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	S.A
...3	JA330	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	S.A
...3	T0174	BN97-00842H	ASSY SMD;LE323BD,LE37R73BD,LE40R73BDX/FI	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	0.465	S.N.A
....4	DQ701	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A
....4	DQ401	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	DQ402	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	DQ703	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	DQ704	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI	1	S.A
....4	IC104	0801-002237	IC-CMOS LOGIC;74V(A)HC1G04,INVERTER,SC70	1	S.A
....4	IC104	0801-002394	IC-CMOS LOGIC;74LCX32,OR GATE,SOIC,14P,1	1	S.A
....4	IC104	0801-002407	IC-CMOS LOGIC;74LCX08,AND GATE,SOIC,14P,	1	S.A
....4	IC104	0801-002683	IC-CMOS LOGIC;74HCT245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC107	1002-001227	IC-D/A CONVERTER;CS4340-KSR,24BIT,SOP,16	1	S.A
....4	DU402	1006-001165	IC-LINE TRANSCEIVER;MAX3243CDBR,SSOP,28P	1	S.A
....4	IC113	1105-001305	IC-DRAM;4S641632,-,64MBIT,1MX16X4BIT,TSO	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	DU701	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	S.A
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-003704	IC-POS.FIXED REG.;G953-18T6U,SOT-223,3P	1	S.A
....4	DU101	1204-002400	IC-DECODER;ST15517SUA,PBGA,416P,27x27mm,	1	S.A
....4	DR155	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	DR156	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	DR140	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR154	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR158	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR159	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR811	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR812	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR907	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	OR112	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	OR113	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR1102	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR111	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR116	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR169	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR170	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR174	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR176	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR182	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR183	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR184	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR185	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR186	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR187	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR195	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR196	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR197	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR198	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR199	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR202	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR203	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR204	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

[illegible]



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR418	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR701	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR703	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR705	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR707	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR117	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR177	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR178	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR179	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR188	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR189	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR190	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR191	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR192	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR193	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR194	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR416	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR423	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR424	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR632	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR633	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR901	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR903	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR904	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR918	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR919	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR700	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR706	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR408	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR409	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR410	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR411	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR412	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR413	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR414	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR415	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR601	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR908	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR909	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR910	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR911	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR912	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR913	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR914	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR915	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR999	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR101	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	DR173	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	S.A
....4	DR205	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	S.A
....4	DR132	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR133	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR134	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR135	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR167	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR800	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR801	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR802	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR803	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR804	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR805	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR806	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR807	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR420	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	DR421	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	DRA103	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	DRA401	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	DRA108	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA109	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA110	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DRA111	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA112	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA113	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA114	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA115	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA116	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA117	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA118	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA119	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA120	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA121	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA122	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA123	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA124	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DRA125	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3,2X1	1	SA
....4	DC100	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC105	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC107	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC109	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC114	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	DC801	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC804	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC807	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC810	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	SA
....4	DC155	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC700	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC701	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	SA
....4	DC101	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC106	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC113	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC115	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC117	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC119	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC127	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC128	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC131	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC132	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC133	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC134	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC135	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC136	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC137	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC138	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC139	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC140	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC141	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC142	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC143	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC144	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC145	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC146	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC147	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC149	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC150	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC151	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC152	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC153	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC203	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	DC400	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DC401	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC402	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC403	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC404	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC500	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC501	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC502	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC503	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC504	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC505	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC506	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC507	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC508	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC509	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC510	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC511	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC512	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC513	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC514	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC601	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC612	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC614	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC631	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC632	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC633	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC902	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC903	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC905	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC906	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC907	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC909	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC910	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC915	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC916	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC921	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC922	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC9906	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC121	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC122	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC123	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC124	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC125	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC602	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	DC154	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC522	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC611	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC634	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC901	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC904	2402-001128	C-AL,SMD;100uF,20%,16V,WT,TP,6.3X5.7mm	1	S.A
....4	DC635	2402-001158	C-AL,SMD;1uF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC636	2402-001158	C-AL,SMD;1uF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC637	2402-001159	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC638	2402-001159	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.2MM	1	S.A
....4	DC202	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	DC613	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	DX601	2806-001308	OSCILLATOR-VCXO;27MHZ,-30PF,TP,3.3V,50M	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	MP1.1	BN41-00684A	PCB-DIGITAL B/D;BORDEAUX,FR-4,6L,1.0,1.6	1	S.N.A
....4	M0018	BN97-00805S	ASSY MICOM;29LV320,2006/03/22,GS32KE,11	1	S.N.A
....5	IC115	1107-001475	IC-FLASH MEMORY;29LV320,32MBIT,4MX8/2MX1	1	S.N.A
0.1	M0112	BN91-01171C	ASSY SHIELD;LE32S73BDX/XEU	1	S.N.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	M2893	BN39-00603M	LEAD CONNECTOR;LE40R73BDX,UL1007#26,UL/C	1	S.A
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00691A	LEAD CONNECTOR;Torino-32,UL1007#26,16P,1	1	S.A
..2	M2893	BN39-00712C	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U	1	S.A
..2		BN61-02364A	BRACKET-STAND LINK;SONOMA 32,SECC,T1.6	1	S.N.A
..2	AMLCD PANE	BN61-02419A	BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A	4	S.N.A
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
..2	M0146	BN63-02462A	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK	1	S.N.A
..2	M0059	BN96-03186F	ASSY BOARD P-HOLDER AV;SONOMA,32,EO,HIPS	1	S.N.A
...3		BN61-02365B	HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500	1	S.N.A
...3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.N.A
...3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DXAA,UL2835#28,UL	1	S.A
..2	T0447	BN96-03440A	ASSY BRACKET P-PANEL;CAMBRIDGE32,-,SECC,-	1	S.N.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
...3	M0146	BN61-02194A	BRACKET-PANEL TOP;Bordeaux 32,SECC,T1.2	1	S.N.A
...3		BN61-02195A	BRACKET-PANEL BOTTOM;Bordeaux 32,SECC,T1	1	S.N.A
...3		BN61-02198A	BRACKET-GUIDE MAIN;Bordeaux 32,SECC,T1.2	1	S.N.A
...3		BN61-02199A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1	1	S.N.A
...3		BN61-02200A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1	1	S.N.A
...3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	S.N.A
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
...3	M0131	AA63-01447A	GASKET;Cambridge,Conductive Fabric,20mm,	1	S.N.A
..2	T0175	BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	S.N.A
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	S.N.A
..2	T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	S.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	8	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,YEL,SWRCH18A	4	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(YEL)	1	S.N.A
0.1	M0003	BN92-01700N	ASSY BOX;32S73,EO(XEF,XEG,FID),-,-,SONOM	1	S.N.A
..2	T0130	BN69-01312H	BOX-00,SET;32S73,SY-05,A,YEL,A1,GER/FRA/	1.02	S.N.A
0.1	M0113	BN92-01703A	ASSY P/MATERIAL;32T70,SONOMA	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.016	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.007	S.N.A
..2	T0524	6902-000519	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.05(	1	S.N.A
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	6.35	S.N.A
0.1	M0045	BN92-01991B	ASSY ACCESSORY;LE27S73BD/LE32S73BD,FID	1	S.N.A
..2	M0045	BN96-04157B	ASSY ACCESSORY;LE27S73BD/LE32S73BD,FID	1	S.A
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	S.N.A
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	S.N.A
...3	T0074	BN59-00516A	REMOCON;CAMBRIDGE,TM87B,45,CAMBRIDGE,EUR	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40",CLOTH,310,320,RHCM	1	S.N.A
...3	T0531	BN63-02415B	COVER-BOTTOM;SONOMA,32,HIPS,HB,BK500	1	S.N.A
...3	T0511	BN68-01007L	MANUAL USERS;COMM,SAMSUNG,English,Sweden	1	S.N.A
...3	ACCESSORY	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63	1	S.N.A
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	S.N.A
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A
...3	T0238	BN68-00514C	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	S.N.A
0.1	M0019	BN92-01995B	ASSY LABEL;LE32S73BD	1	S.N.A

## 6-3 LE37S73BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE37S73BDX/XET	LE37S73BD,R62A/37S70-GSD,37,LCD-TV,ITALY	0	
0.1	M0001	BN90-01030D	ASSY COVER FRONT;37S73,EO(XET),ABS+PMMA,	1	S.N.A
.2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A
.2	T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	S.A
.2	T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	S.A
.2	T0003	BN96-04044D	ASSY COVER P-FRONT;37S73,EO(XET),ABS+PMM	1	S.A
.3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	S.N.A
.3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
.3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	1,983	S.N.A
.3	M0112	BN63-02747D	COVER-FRONT;37S73,EO(XET),ABS+PMMA,HB,BK	1	S.N.A
.3	T0056	BN63-02749A	COVER-DECORATION;37T7,HIPS,HB,GR70,SVM15	1	S.N.A
.3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A
.3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
.3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0	1	S.A
.3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	S.N.A
.3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	S.N.A
.3	M0146	BN96-03438A	ASSY BOARD P-POWER & IR;BORDEAUX2,CT5000	1	S.A
.3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	S.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
.3	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	S.N.A
.3		BN63-02224A	FELT-VIBRATION;63P5,FELT,T0.5,850,10	2	S.N.A
0.1	M0002	BN90-01031D	ASSY COVER REAR;37S73,EO(XET),HIPS,HB,BK	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	12	S.A
.2	M0013	BN96-04045C	ASSY COVER P-REAR;37S73,EO(XET),HIPS,HB,	1	S.A
.3	M0006	BN63-02748C	COVER-REAR;37S73,EO(XET),HIPS,HB,BK500,S	1	S.N.A
.3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	S.N.A
.3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
.3		BN61-02776A	HOLDER-WALL;32R7,ABS,HB,BLK	1	S.N.A
.3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
0.1	MP1.0	BN91-00912H	ASSY LCD-AMZ;ROME 37",AUO(T370XW01)	1	S.N.A
.2	M0215	BN07-00255A	LCD-PANEL;T370XW01,8bit,877.0*514.6*54.7	1	S.A
0.1	M0112	BN91-01171Q	ASSY SHIELD;LE37S73BDX/XET	1	S.N.A
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
.2	M2893	BN39-00362B	LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm	1	S.A
.2	M2893	BN39-00603N	LEAD CONNECTOR;LE32R73BDX,UL1007#26,14P,	1	S.A
.2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
.2	M2893	BN39-00691A	LEAD CONNECTOR;Torino-32,UL1007#26,16P,1	1	S.A
.2	M2893	BN39-00721B	LEAD CONNECTOR-LVDS;LE37,UL1571#30,30P,3	1	S.A
.2		BN61-02099A	GUIDE-PCB;26,32 SIENA,PC+ABS,5V,G3940	1	S.N.A
.2	M0146	BN61-02241A	BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2	1	S.N.A
.2	M0146	BN61-02242A	BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2	1	S.N.A
.2	M0115	BN61-02258A	BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6	1	S.N.A
.2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
.2		BN96-02732A	ASSY PCB P-MODULE;ITALY,SMART CARD MODUL	1	S.N.A
.2	T0159	BN96-03050A	ASSY PCB P-SMPS;Bordeaux 37 PFC,LE37R71B	1	S.A
.2	M0059	BN96-03186E	ASSY BOARD P-HOLDER AV;SONOMA,40,EO,HIPS	1	S.N.A
.3	M2893	BN39-00672B	LEAD CONNECTOR;LNR469DX/XAA,UL2835#28,14	1	S.A
.3		BN61-02365B	HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500	1	S.N.A
.3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
.3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.N.A
.2	T0447	BN96-03441A	ASSY BRACKET P-PANEL;37,SECC,BUILT-IN	1	S.N.A
.3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
.3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
.3	M0146	BN61-02239A	BRACKET-PANEL TOP;Bordeaux 37,SECC,T1.2	1	S.N.A
.3		BN61-02240A	BRACKET-PANEL BOTTOM;Bordeaux 37,SECC,T1	1	S.N.A
.3		BN61-02243A	BRACKET-GUIDE MAIN;Bordeaux 37,SECC,T1.2	1	S.N.A
.3		BN61-02244A	BRACKET-GUIDE POWER;Bordeaux 37,SECC,T1	1	S.N.A
.3		BN61-02245A	BRACKET-GUIDE POWER;Bordeaux 37,SECC,T1	1	S.N.A
.3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	S.N.A
.3	T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	S.N.A
.3	M0131	BN63-02549A	GASKET;LE37R72B,Conductive Fabric,26mm,1	1	S.N.A
.3	M0131	BN63-02628A	GASKET;Oxford,Conductive Fabric,8,12,300	1	S.N.A
.3	M0131	BN63-02629A	GASKET;Oxford,Conductive Fabric,10,26,17	1	S.N.A
.2	T0175	BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	S.N.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A
...3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	S.N.A
..2	M2893	BP39-00121C	LEAD CONNECTOR;SIENA,UL1007#26,9P,100mm,	1	S.A
..2	M0146	BN63-02462B	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK,(I	1	S.N.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	6	S.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	9	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	6	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A
0.1	M0113	BN92-01968A	ASSY P/MATERIAL;37S71,SONOMA	1	S.N.A
..2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	0.017	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.086	S.N.A
..2	T0524	6902-000524	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
..2	T0214	AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	2	S.N.A
..2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A
..2	T0172	AA69-02609A	BAND-PP;W18,CLEA,1G	4.85	S.N.A
0.1	M0003	BN92-01969G	ASSY BOX;37S73,EO(XET,XEC),SONOMA	1	S.N.A
..2	M0521	BN69-01552A	BOX-SET,IN;37T7,CB,C-01,W1520,D800	1.02	S.N.A
..2	M0006	BN69-01553F	BOX-00,SET,OUT;37S7,CB,DY-01,AB,YEL,C3,I	1.02	S.N.A
0.1	M0019	BN92-01995E	ASSY LABEL;LE32S73BDX/XET	1	S.N.A
0.1	M0045	BN92-01991M	ASSY ACCESSORY;LE37S73BDX/XET	1	S.N.A
..2	M0045	BN96-04157Q	ASSY ACCESSORY;LE37S73BDX/XET	1	S.N.A
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	S.A
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	S.N.A
...3	T0210	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03575E	MANUAL FLYER-03,REGISTRATION C;XET,ITALY	1	S.N.A
...3	T0074	BN59-00517A	REMOCON;SORRENTO,TM87B,45,SORRENTO,EUROP	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40",CLOTH,310,320,RHCM	1	S.N.A
...3	T0531	BN63-02416B	COVER-BOTTOM;SONOMA,40,HIPS,HB,BK500	1	S.A
...3	ACCESSORY	BN68-00514C	MANUAL FLYER-WARRANTY CARD,01;comm,Samsu	1	S.N.A
...3	T0511	BN68-01007M	MANUAL USERS;COMM,SAMSUNG,3Langs,Italy S	1	S.N.A
0.1	M0216	BN90-00966D	ASSY STAND;40S70,EO,SO,-,ABS+PMMA,HB,BK2	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
..2	M0013	BN96-03697B	ASSY STAND P-BASE;SONOMA,40,ABS+PMMA,HB,	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	7	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(WHT),S	11	S.A
...3	BN61-01811A		BRACKET-STAND BOTTOM;40 MILANO,SECC,T3.0	1	S.N.A
...3	T0920	BN61-02361B	GUIDE-STAND;SONOMA,40,HIPS,V0,BK500,NON	1	S.N.A
...3	CCM1	BN63-02183E	COVER-SHEET;Rhom,PE Vinyl,T0.05,750mm,20	0.45	S.N.A
...3	T0004	BN63-02698A	COVER-STAND BASE;GML40,ABS+PMMA,HB,BK23,	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	9	S.N.A
0.1	M0017	BN91-01167Q	ASSY CHASSIS;LE32S73BDX/XET	1	S.N.A
..2	T0422	BN94-00889B	ASSY PCB MISC-DTV MODULE;LE32R73BDX/XET	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.003	S.N.A
...3	IC104	1405-000187	VARISTOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC106	1405-000187	VARISTOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	IC107	1405-000187	VARISTOR;615Vdc,1250A,12.5x7mm,TP	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN501	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	S.A
...3	CN330	3711-001154	HEADER-BOARD TO CABLE;BOX,9P,1R,2.5MM,ST	1	S.A
...3	JA330	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	S.A
...3	CN110	3722-002418	JACK-MODULAR;6P/2C,STANDARD,Y,ANGLE,N,AU	1	S.A
...3	MD101	BN96-02795A	ASSY PCB P-MODEM;SIENA,ITALY,MODEM	1	S.A
...3	T0095	BN97-00841B	ASSY SMD-DTV MODULE;LE32R73BDX/XET	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	0.94	S.N.A
....4	IC104	0801-002378	IC-CMOS LOGIC;74VHC04,HEX INVERTER,SOP,1	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
....4	IC501	0802-001037	IC-BICMOS LOGIC;74LV245,BUS TRANSCEIVER	1	S.A
....4	IC107	1002-001176	IC-D/A CONVERTER;CS4339-KSZR,18BIT,SOP,8	1	S.A
....4	IC402	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
....4	T0087	1203-002686	IC-POSIX FIXED REG.;MIC39100,SOT-223,3P,6	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0087	1203-002842	IC-POSIFIXED REG.:AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.:AP1117D-33A,TO-252,3P	1	S.A
....4	IC401	1204-001774	IC-VIDEO ENCODER:BT861KRF,MQFP,80P,551MI	1	S.A
....4	IC301	1205-002340	IC-DATA COMM./GEN.:CX22496-17,BGA,292P,2	1	S.A
....4	R101	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R122	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R308	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R402	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R408	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R124_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R125	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R320	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R311	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R426	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R427	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R428	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R429	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R302	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R303	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R317	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R301	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R304	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R305	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R307	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R501	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R502	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R505	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R508	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R509	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R510	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R511	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R312	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	S.A
....4	R112	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R118	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R121	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R203	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R204	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R205	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R206	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R209	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R210	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R211	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R212	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R306	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R309	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R310	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R313	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R316	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R321	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R322	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R323	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R425	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R403	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R413	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R414	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R314	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R319	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R421	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A
....4	R432	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R433	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R430	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R431	2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	S.A
....4	R315	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	S.A
....4	R318	2007-000929	R-CHIP;470ohm,1%,1/10W,TP,1608	1	S.A
....4	R111	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	R503	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	R504	2007-001044	R-CHIP;56ohm,5%,1/10W,TP,1608	1	S.A
....4	RA501	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA502	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA503	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA504	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R201	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R202	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R207	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R208	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA113	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA114	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA115	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA301	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA302	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA303	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA304	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA305	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA306	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA307	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA308	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA309	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA310	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	RA311	2011-001193	R-NET;68ohm,5%,1/16W,L,CHIP,8P,TP	1	S.A
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C107	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C111	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C114	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C118	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C201	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C202	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C203	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C204	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C205	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C206	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C207	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C208	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C209	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C210	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C211	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C212	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C213	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C214	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C215	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C216	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C217	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C218	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C219	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C220	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C221	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C222	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C223	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C224	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C225	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C226	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C227	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C228	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C229	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C301	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C302	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C303	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C304	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C305	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C306	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C307	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C308	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C309	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C314	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C315	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C316	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C317	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C318	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C319	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C402	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C403	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C404	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C405	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C406	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C407	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C408	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C410	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C417	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C418	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C422	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C423	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C424	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C427	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C501	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C502	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C504	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C505	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C506	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C507	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C508	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C509	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C428	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	S.A
....4	C429	2203-000357	C-CER,CHIP;0.15nF,5%,50V,C0G,1608	1	S.A
....4	C440	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C441	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C446	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C447	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C442	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C444	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C448	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C450	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	C310	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C443	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C445	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C449	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C451	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C311	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C434	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	S.A
....4	C435	2203-001126	C-CER,CHIP;0.68nF,10%,50V,X7R,1608	1	S.A
....4	C320	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C321	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C401	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C411	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C412	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C413	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C414	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C415	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C102	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C431	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C120	2402-000209	C-AL,SMD;22uF,20%,16V,WT,TP,6.3x5.3mm	1	S.A
....4	C503	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	S.A
....4	C115	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C119	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C432	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C510	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C104	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C105	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C313	2402-001216	C-AL,SMD;470uF,20%,16V,WT,TP,10.3x10.3x1	1	S.A
....4	C106	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	C108	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	C110	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	C419	2402-001269	C-AL,SMD;10uF,20%,10V,WT(BP),REEL,4x5.3mm	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000310	INDUCTOR-SMD;1.8uH,10%,1608	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	X301	2801-003667	CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16,	1	S.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	FU101	3601-001376	FUSE-SURFACE MOUNT;32V,3A,FAST-ACTING,HI	1	S.A
....4	IC063	AA13-00030B	IC HYBRID;CIMAX-SP2,WS28A116DUX,128P,0 ~	1	S.A
....4	MP1.3	BN41-00660C	PCB-MODULE;SORRENTO,FR-4,6L,1.6,165*110,	1	S.N.A
....4	M0018	BN97-00805J	ASSY MICOM;DTV MODULE,XET	1	S.A
....5	IC115	1107-001424	IC-FLASH MEMORY;S29GL064M,64Mbit,4Mx16Bi	1	S.N.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
..2	M0014	BN94-01064N	ASSY PCB MAIN;LE32S73BDX/XET	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	S.A
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	S.A
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	S.A
...4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-,4.4/2.0mm	1	S.A
...3	T0174	BN97-01137K	ASSY SMD;LE32S73BDX/XET	1	S.N.A
...4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.577	S.N.A
...4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D1001	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
...4	D1004	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
...4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
...4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
...4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
...4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	S.N.A
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	SA
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	SA
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	SA
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-001815	IC-POS.FIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POS.FIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POS.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POS.FIXED REG.;AP1117D-25A,TO-252,3P	1	SA
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	SA
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	S.S.A
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4016	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4017	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4018	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4019	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R4033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4051_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4086_EN	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R4090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5012	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5068	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5076	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5099	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5100	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5103	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5115	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5116	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R5120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1084	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R1095	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2063	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2107	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2109	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2111	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2112	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R2113	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4015	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4020	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R4093	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5030	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5031	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5032	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5033	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5061	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5065	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5071	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5077	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5081	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5085	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5088	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5090	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5094	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5098	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5102	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5104	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5106	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R5108	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R1061	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R1063	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2007	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2008	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2049	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R2051	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4104	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4105	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4106	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4107	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4108	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4109	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4111	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4112	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R4113	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5019	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5020	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5048	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R5050	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R1009	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1010	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1011	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1012	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1013	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2079	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3128	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3133	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4030	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4031	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4099	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5091	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5093	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R1074	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2009	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3001	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3030	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3121	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3138	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3139	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4025	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4026	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4027	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4034	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4053	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4096	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5043	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3016	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3017	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3071	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3072	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4100	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4101	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1058	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1060	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3002	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3014	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3015	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3018	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3020	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3021	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3022	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3070	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3079	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3080	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3081	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3082	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3086	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3087	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3109	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3111	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3112	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3113	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3116	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3134	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4123	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5064	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2028	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2061	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1015	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1016	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1038	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1039	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1051	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1067	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1101	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1105	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2002	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2003	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2013	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2045	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2057	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2065	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3005	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3006	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3007	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3075	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3076	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3083	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3084	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3085	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3140	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5004	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1065	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1070	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1071	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1082	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3004	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1080	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1031	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R3129	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	S.A
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	S.A
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	S.A
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	S.A
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	S.A
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1141	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2002	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C3001	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C3005	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C3034	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4017	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4019	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4020	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C4021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

[illegible]



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C1110	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	S.A
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	S.A
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4012	2402-001059	C-AL,SMD;220µF,20%,6.3V,-,TP,6x6.6x6.6	1	S.A
....4	C4013	2402-001059	C-AL,SMD;220µF,20%,6.3V,-,TP,6x6.6x6.6	1	S.A
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10mm	1	S.A
....4	C5032	2402-001097	C-AL,SMD;0.1uF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C5033	2402-001097	C-AL,SMD;0.1uF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C1009	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1010	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1015	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1029	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1036	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1042	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1059	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1112	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1113	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1115	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1123	2402-001128	C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1007	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1028	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1064	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1069	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1107	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3036	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C3038	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C4010	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C5042	2402-001129	C-AL,SMD;47uF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C1106	2402-001160	C-AL,SMD;330uF,20%,16V,WT,TP,1008	1	S.A
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C1057	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1128	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1167	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1170	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C4123	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5005	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C5016	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1127	2402-001221	C-AL,SMD;470uF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C1165	2402-001221	C-AL,SMD;470uF,20%,16V,-,TP,A8.3XB8.3XL1	1	S.A
....4	C4030	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4047	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4051	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C4127	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	S.A
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A

## 6 Electrical Parts List

[illegible]



## 6-4 LE40S73BD Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
		LE40S73BDX/XEU	LE40S73BD,R62A/40S70-GSD,40,LCD-TV,UNITE		
0.1	M0001	BN90-00857G	ASSY COVER FRONT;40S73,EO,ABS+PMMA,HB,BK	1	S.N.A
.2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK)	4	S.N.A
.2	T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	S.A
.2	T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	S.A
.2	T0003	BN96-03394H	ASSY COVER P-FRONT;40S73,EO,ABS+PMMA,HB,	1	S.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	S.N.A
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	S.N.A
...3	T0069	AA60-00171V	SPACER-FELT;BE46PS,FELT,500,T0.35,10	2	S.N.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	2.21	S.N.A
...3	T0056	BN63-02414A	COVER-DECORATION;SONOMA 40,HIPS,HB,GR503	1	S.N.A
...3	M0112	BN63-02552E	COVER-FRONT;40S73,EO,ABS+PMMA,HB,BK23,S/	1	S.N.A
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0	1	S.N.A
...3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	S.N.A
...3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	S.N.A
...3	M0146	BN96-03438A	ASSY BOARD P-POWER & IR;BORDEAUX2,CT5000	1	S.A
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	S.A
...3	T0069	AA60-00073B	SPACER-FELT;PJT,FELT,T1.0,600X7	1	S.N.A
...3	T0069	AA63-60001Q	SPACER-FELT;-FELT,-,-,BLK,T0.35,-,150	1	S.N.A
0.1	M0002	BN90-00878F	ASSY COVER REAR;40S73,EO,HIPS,HB,BK500,P	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	12	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	S.A
.2	M0013	BN96-03839B	ASSY COVER P-REAR;40S73,EO,-,HIPS,HB,BK5	1	S.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	S.N.A
...3	T0101	BN61-02032A	BRACKET-WALL;32,MGM,SECC,T1.6	1	S.N.A
...3	M0006	BN63-02660B	COVER-REAR;40S73,EO,HIPS,HB,BK500,SONOMA	1	S.N.A
...3	T0071	BN64-00444F	INLAY-TERMINAL;CAMBRIDGE32,37,40,PS SHEE	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3	T0069	AA60-00091K	SPACER-FELT;-FELT,330X10,-,-,BLK,T0.35,	5	S.N.A
0.1	M0216	BN90-00966A	ASSY STAND;40T70,ABS+PMMA,HB,BK23,H/GLOS	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
.2	M0013	BN96-03697A	ASSY STAND P-BASE;SONOMA40,ABS+PMMA,HB,B	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	7	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	11	S.A
...3		BN61-01811A	BRACKET-STAND BOTTOM;40 MILANO,SECC,T3.0	1	S.N.A
...3		BN61-02361A	GUIDE-STAND;SONOMA 40,HIPS V0,BK500	1	S.N.A
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.45	S.N.A
...3	T0004	BN63-02698A	COVER-STAND BASE;GML40,ABS+PMMA,HB,BK23,	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	9	S.N.A
0.1	T0852	BN91-01017B	ASSY LCD-SPZ;LE40R71BX"	1	S.N.A
.2	M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	S.A
0.1	M0017	BN91-01167A	ASSY CHASSIS;LE32S73BDX/XEU	1	S.N.A
.2	T0422	BN94-00867A	ASSY PCB MISC-DTV MODULE;LE32R73BDX/XEU,	1	S.A
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.003	S.N.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	CN902	3703-001124	CONNECTOR-BACK PANEL;32P,2R,MALE,ANGLE,A	1	S.A
...3	DJ301	3709-001346	CONNECTOR-CARD SLOT;68P,0.27mm,ANGLE,AU1	1	S.A
...3	JA330	3722-001055	JACK-PHONE;5P/2C,AG,BLK,ANGLE	1	S.A
...3		BN97-00831A	ASSY SMD-DTV MODULE;LE32R73BDX/XEU,CAMBR	1	S.N.A
...4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	0.465	S.N.A
...4	DQ701	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A
...4	DQ401	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
...4	DQ402	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
...4	DQ703	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
...4	DQ704	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A
...4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
...4	IC104	0801-002237	IC-CMOS LOGIC;74V(A)HC1G04,INVERTER,SC70	1	S.A
...4	IC104	0801-002394	IC-CMOS LOGIC;74LCX32,OR GATE,SOIC,14P,1	1	S.A
...4	IC104	0801-002407	IC-CMOS LOGIC;74LCX08,AND GATE,SOIC,14P,	1	S.A
...4	IC104	0801-002683	IC-CMOS LOGIC;74HCT245,TRANSCEIVER,TSSOP	1	S.A
...4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
...4	IC104	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	1	S.A
...4	IC107	1002-001227	IC-D/A CONVERTER;CS4340-KSR,24BIT,SOP,16	1	S.A
...4	DU402	1006-001165	IC-LINE TRANSCEIVER;MAX3243CDBR,SSOP,28P	1	S.A
...4	IC113	1105-001305	IC-DRAM;4S641632,-,64MBIT,1MX16X4BIT,TSO	1	S.A
...4	IC113	1105-001308	IC-DRAM;K4S281632,128Mbit,8Mx16,TSOP,54P	1	S.A
...4	DU701	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0087	1203-002842	IC-POS1.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	DU101	1204-002400	IC-DECODER;STI5517SUA,PBGA,416P,27x27mm,	1	S.A
....4	DR155	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	DR156	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	DR140	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR154	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR158	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR159	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR811	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR812	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR907	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	OR112	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	OR113	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	DR1102	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR111	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR116	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR169	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR170	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR174	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR176	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR182	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR183	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR184	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR185	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR186	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR187	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR195	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR196	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR197	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR198	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR199	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR202	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR203	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR204	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR501	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR902	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR905	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR906	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR916	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR917	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR923	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	DR104	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR105	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR1101	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR112	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR113	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR118	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR119	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR120	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR121	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR122	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR123	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR124	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR126	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR127	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR128	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR129	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR130	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR131	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR137	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR138	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR145	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR146	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR147	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR148	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR149	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR150	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR151	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR152	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR160	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR161	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR166	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR171	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR172	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR175	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR180	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR181	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR200	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR201	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR221	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR400	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR401	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR402	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR403	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR404	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR405	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR407	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR419	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR704	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	DR162	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR163	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR164	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR165	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	DR502	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR503	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR505	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR702	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR114	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR139	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR141	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR142	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR143	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR144	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR153	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR417	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR418	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR701	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR703	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR705	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR707	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR117	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR177	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR178	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR179	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR188	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR189	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR190	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR191	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR192	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR193	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR194	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR416	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR423	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR424	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR632	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR633	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR901	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR903	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR904	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR918	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR919	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR700	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR706	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	DR408	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR409	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR410	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR411	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR412	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR413	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR414	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR415	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR601	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR908	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR909	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR910	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR911	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR912	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR913	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	DR914	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR915	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR999	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	DR101	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	DR173	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	S.A
....4	DR205	2007-000372	R-CHIP;130ohm,5%,1/10W,TP,1608	1	S.A
....4	DR132	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR133	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR134	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR135	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR167	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	DR800	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR801	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR802	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR803	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR804	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR805	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR806	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR807	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	DR420	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	DR421	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	DRA103	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	DRA401	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	DRA108	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA109	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA110	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA111	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA112	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA113	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA114	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA115	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA116	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA117	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA118	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA119	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA120	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA121	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA122	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA123	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA124	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DRA125	2011-001410	R-NET;120OHM,5%,1/16W,L,CHIP,8P,TP,3.2X1	1	S.A
....4	DC100	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC105	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC107	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC109	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC114	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	DC801	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC804	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC807	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC810	2203-000659	C-CER,CHIP;0.27nF,5%,50V,C0G,1608	1	S.A
....4	DC155	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	DC700	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	DC701	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	DC101	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC106	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC113	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC115	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC117	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC119	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC127	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC128	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC131	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC132	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	DC133	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	DX601	2806-001308	OSCILLATOR-VCXO;27MHZ,-,30PF,TP,3.3V,50M	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	MP1.1	BN41-00684A	PCB-DIGITAL B/D;BORDEAUX,FR-4,6L,1.0,1.6	1	S.N.A
....4	M0018	BN97-00805H	ASSY MICOM;T-BORDDUK0-1010,LE32R73BDX/XE	1	S.A
....5	IC115	1107-001475	IC-FLASH MEMORY;29LV320,32MBIT,4MX8/2MX1	1	S.N.A
....4	IC104	0801-002172	IC-CMOS LOGIC;74LCX16244,BUFFER/LINE DRI	1	S.A
....4	T0087	1203-003704	IC-POSIFIXED REG.;G953-18T6U,SOT-223,3P	1	S.A
..2	M0014	BN94-01064A	ASSY PCB MAIN;LE32S73BDX/XEU	1	S.A
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1,2,96.5Sn/	0.25	S.N.A
...3	JA2007	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN902	3703-001600	CONNECTOR-BACK PANEL;32P,2R,FEMALE,ANGLE	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	S.A
...3	JA2001	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA2005	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
...3	CIS3	BN40-00080A	TUNER;DNOS403ZH261B(S),DNOS403ZH261B(S),	1	S.N.A
...3	T0852	BN96-01470A	ASSY BOARD P-OPTICAL;HP-P5581,OPTICAL	1	S.A
....4	CN906	3707-001067	CONNECTOR-OPTICAL;PLUG,SM,-,4.4/2.0mm	1	S.A
...3	T0174	BN97-01137A	ASSY SMD;LE32S73BDX/XEU	1	S.N.A
....4	CIS05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.577	S.N.A
....4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2016	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2019	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2020	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2021	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2022	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2032	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2033	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2034	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2044	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D2057	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D5006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D1001	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1004	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D1008	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D3003	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D2001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2040	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2041	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2042	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2043	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2064	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2065	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D3006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D3008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4001	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4002	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4003	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4005	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4006	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4007	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4008	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4009	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4010	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4011	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D4012	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D2004	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D2009	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2039	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	S.A
....4	D2005	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2006	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2007	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2008	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2014	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2015	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2024	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2025	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2026	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2027	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2028	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2029	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2030	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2031	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2035	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2036	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2037	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2038	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2051	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2052	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2054	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2055	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D2056	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D1002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D1009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3001	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3002	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D3007_32	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q1007	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1002	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1005	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1006	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1009	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1013	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1014	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q2001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3008	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q3011	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q4001	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q5010	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1003	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q1004	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q5011	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC3002	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	S.N.A
....4	IC1003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC1006	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC3006	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC5005	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	S.A
....4	IC5002	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0085	1201-002246	IC-AUDIO AMP;STA323W,SO,36P,15.9x11mm,-,	1	S.A
....4	IC150	1203-001009	IC-SWITCH REG.;3172,SOP,8P,244MIL,PLASTI	1	S.A
....4	IC3009	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	S.A
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSIFIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	IC3008_32	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002855	IC-POSIFIXED REG.;MC33269DTRK-5.0,DPRK,	1	S.A
....4	T0087	1203-002974	IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC1009	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	S.A
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	S.N.A
....4	R2024	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R5026	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R5029	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3088	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3100	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3101	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3102	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3103	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3104	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3105	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3106	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3107	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3130	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3141	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R5013	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1066	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1059	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1085	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1086	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1087	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2055	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2064	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2069_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2070_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2071_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2080	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2088_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2089_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2090_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2091_32	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3024	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3025_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3026	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3028	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3031	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3032	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3033	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3035	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3037	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3039	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3040	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3041	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3043	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3047_LVDS	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3089	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3090	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3118	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3132	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R4001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

[illegible]



## 6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2034	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2037	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2039	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2042	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2043	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2074	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2075	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2077	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R2079	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3128	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R3133	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4030	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4031	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R4099	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5091	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R5093	2007-000077	R-CHIP:470ohm,5%,1/10W,TP,1608	1	S.A
....4	R1074	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2009	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3001	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3019	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3030	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3121	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3138	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3139	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4025	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4026	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4027	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4034	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4053	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4096	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4103	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5043	2007-000078	R-CHIP:1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3016	2007-000082	R-CHIP:3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3017	2007-000082	R-CHIP:3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3071	2007-000082	R-CHIP:3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3072	2007-000082	R-CHIP:3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4100	2007-000082	R-CHIP:3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4101	2007-000082	R-CHIP:3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1035	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1058	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1060	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3002	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3014	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3015	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3018	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3020	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3021	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3022	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3036	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3038	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3070	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3079	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3080	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3081	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3082	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3086	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3087	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3108	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3109	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3110	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3111	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3112	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3113	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3114	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3116	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3134	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3137	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4036	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4037	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4098	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4123	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5064	2007-000084	R-CHIP:4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2028	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2061	2007-000087	R-CHIP:6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1015	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1016	2007-000090	R-CHIP:10Kohm,5%,1/10W,TP,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1038	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1039	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1051	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1067	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1101	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1102	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1105	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2002	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2003	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2013	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2045	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2057	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2065	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3005	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3006	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3007	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3075	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3076	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3083	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3084	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3085	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3131	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3140	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4118	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4119	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5004	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5044	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1065	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1070	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1071	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1082	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3004	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R5119	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1062	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1068	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1075	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1079	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1080	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2010	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2011	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2012	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3099	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1001	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1002	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1003	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1004	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1005	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1006	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1007	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1008	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1019	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1020	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1021	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1022	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1023	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1024	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1025	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1026	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1027	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1028	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1029	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1030	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1043	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1044	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1046	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1034	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1064	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1069	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1072	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1073	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4021	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4022	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R4023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R4024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R1036	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R1078	2007-000122	R-CHIP;1.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1031	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5053	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5054	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R5055	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R3129	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1096	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R1076	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	SA
....4	R5015	2007-000133	R-CHIP;330Kohm,5%,1/10W,TP,1608	1	SA
....4	R2119	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R2098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2099	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2100	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2101	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2102	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2103	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2104	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2105	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3044	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3048	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3049_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3050_1M	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3056	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3060	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3061	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3064	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3066	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3067	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3068	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3069	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3091	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3092	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3093	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3094	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3095	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3096	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3097	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R3098	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5045	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5046	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R5047	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R2017	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R2052	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R3012	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R3013	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R1077	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	SA
....4	R4122	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R2019	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2020	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2021	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2066	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2067	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2076	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2078	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2082	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2083	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2094	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R2095	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R5035	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R5039	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R2030	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2056	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R2014	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2015	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2025	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2026	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2027	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2032	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2062	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2085	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2086	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2087	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R2036	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R2038	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2041	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2047	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2048	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2054	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2059	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R5016	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R1057	2007-007299	R-CHIP;6.81Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2118	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	S.A
....4	R1083	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1088	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1094	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	R1097	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	S.A
....4	RA5001	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5002	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5003	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5004	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5005	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5006	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5007	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA5010	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA3004	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3005	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3007	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3008	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3009	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3011	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3003	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3006	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3010	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3012	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3013	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3014	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3015	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3016	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3017	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3018	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3019	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA3020	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4001	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA4002	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	C1158	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A
....4	C1037	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1062	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C1004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1008	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1021	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1025	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1043	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1141	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2002	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C3001	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A



[illegible]

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2023	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2027	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2028	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2032	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C3024	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C3025	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5059	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5068	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5069	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5084	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C5085	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1002	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1013	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1022	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1026	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1034	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1049	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1094	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C3035	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4005	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C4124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5006	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5007	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5008	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5009	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5010	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5017	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5036	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5040	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5061	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5062	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C5064	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1110	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C1121	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3002	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3003	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3007	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3020	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3021	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C3029	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4119	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C5087	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C4058	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4066	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C4001	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C4011	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C1070	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1082	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3012	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3013	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3030	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C3031	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1111	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C1142	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1152	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2009	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2010	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2015	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2016	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C2026	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5076	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C5077	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1100	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C1101	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	S.A
....4	C2029	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2030	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C2031	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5056	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5057	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C5058	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1119	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C4004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5003	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C5004	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1063	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C2008	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	S.A
....4	C2021	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	S.A
....4	C5063	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	S.A
....4	C1056	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	S.A
....4	C1164	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1114	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1116	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C1038	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1061	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C3039	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C1117	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	S.A
....4	C1003	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1066	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1068	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1071	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1072	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1073	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1074	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1078	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1079	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1093	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1104	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1130	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1169	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1171	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1173	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3009	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3010	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3016	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3018	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3022	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3026	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3032	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3037	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C3049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4125	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4126	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C4129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5001	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5002	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5011	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5012	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5023	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C5054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1143	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1153	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1031	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1040	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1155	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2038	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3023	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C3033	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4117	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C4118	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1122	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1131	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1137	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1138	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1140	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1144	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1145	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1146	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1147	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1149	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1154	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1156	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1157	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1160	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C1166	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C4014	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4015	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4024	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4033	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4037	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4044	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4050	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4065	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4074	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4075	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4078	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4079	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4087	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4088	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4089	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4090	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4091	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4092	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4093	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C4094	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1018	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1033	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1041	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1044	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1045	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1047	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1048	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1051	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1058	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1060	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1065	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1076	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1080	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1081	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1085	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1089	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1090	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1092	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1096	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1099	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1126	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1136	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1172	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C3017	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C4064	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C4072	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4082	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C4122	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5083	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5086	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C2001	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5037	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5041	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	SA
....4	C5024	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7m	1	SA
....4	C4012	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C4013	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C1102	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C1125	2402-001083	C-AL,SMD;100uF,20%,50V,GP,TP,10x10.3x10mm	1	SA
....4	C5032	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C5033	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C1009	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1010	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1015	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1029	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1036	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1042	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1059	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1112	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1113	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1115	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1123	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C1007	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1028	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1064	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1069	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1107	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3036	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C3038	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C4010	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C5042	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C1106	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C1077	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1139	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C2017	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3004	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3006	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3008	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3011	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3028	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3041	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3043	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3045	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3048	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3050	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C3051	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C1057	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1128	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1167	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1170	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C4123	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C5005	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C5016	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C1127	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C1165	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C4030	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4047	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4051	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C4127	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C5078	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C5079	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C5080	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	SA
....4	C1095	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	SA
....4	T0052	2703-000274	INDUCTOR-SMD;2.2uH,10%,2012	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	SA

## 6 Electrical Parts List

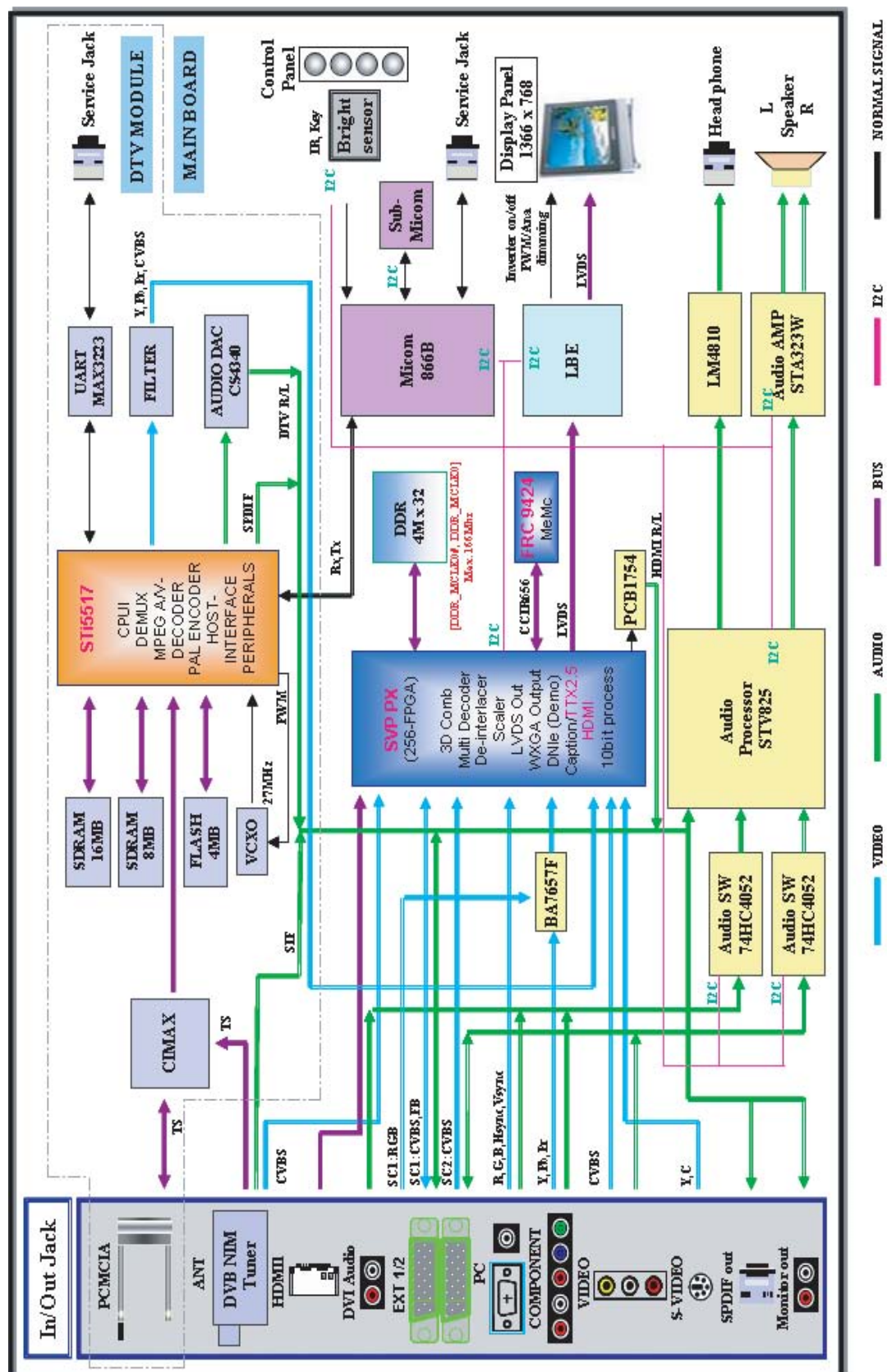
Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	S.A
....4	X3002	2801-003326	CRYSTAL-SMD;24MHz,30PPM,28-ABX,20PF,50OH	1	S.A
....4	X3001	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	S.A
....4	X1001	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	X4001	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	S.A
....4	F103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	1	S.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	S.N.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	CN2001	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	S.A
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	S.A
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	S.A
....4	L1012	BN27-00007A	COIL CHOKE-SMD;DHB0504-100,RB15/17NS,10u	1	S.A
....4	T0077	BN41-00700B	PCB MAIN;CAMBRIDGE,FR-4,4,MP2.0,1.6T,192	1	S.N.A
....4	M0018	BN97-00805G	ASSY MICOM;T-CBGMPEUS-1001,LE32R73BDX/XE	1	S.A
....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	S.N.A
....4	M0018	BN97-01186A	ASSY MICOM;T-BSMMPEUD,LE32S73BDX/*,2006/	1	S.N.A
....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	S.N.A
0.1	M0112	BN91-01171F	ASSY SHIELD;LE40S73BDX/*	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	3	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	S.N.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
.2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	S.N.A
.2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	9	S.N.A
.2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
.2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	S.N.A
.2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	5	S.N.A
.2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	1	S.N.A
.2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
.2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
.2	M2893	BN39-00691B	LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1	1	S.A
.2	M2893	BN39-00712C	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U	1	S.A
.2	M2893	BN39-00716B	LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2	1	S.A
.2	M2893	BN39-00717A	LEAD CONNECTOR;LE32R71BX/XEC,UL3443#28,5	1	S.A
.2	M0174	BN44-00134A	IP BOARD;SIP40,LE40R71B,2.0-3.0mA,6.0-7.	1	S.A
.2	M0114	BN61-01778A	HOLDER-WIRE;NYLON-66,NATURAL or GRAY,DAF	1	S.A
.2		BN61-02256B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A
.2		BN61-02257B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A
.2		BN61-02258A	BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6	1	S.N.A
.2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A
.2	T0514	BN61-02763A	BRACKET-SUPPORT;LN40T71BD,SECC,T 1.2	6	S.N.A
.2	M0146	BN63-02462A	SHIELD CASE;CAMBRIDGE 32,SECC,T0.8,UK	1	S.N.A
.2		BN96-03186E	ASSY BOARD P-HOLDER AV;SONOMA,40,EO,HIPS	1	S.N.A
.3	M2893	BN39-00672B	LEAD CONNECTOR;LNR469DX/XAA,UL2835#28,14	1	S.A
.3		BN61-02365B	HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500	1	S.N.A
.3	T0578	BN64-00454A	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
.3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.A
.2	T0175	BN96-03590A	ASSY SHIELD P-PCB MAIN;CAMBRIDGE32,SECC	1	S.N.A
.3	T0603	BN63-02458A	SHIELD-PCB MAIN;CAMBRIDGE 32,SECC,T0.5,U	1	S.N.A
.3	M0131	BN63-02627A	GASKET;Oxford,Conductive Fabric,8,13,30,	1	S.N.A
.2	T0447	BN96-04182A	ASSY BRACKET P-PANEL;SONOMA,40EO,IDTV,SE	1	S.N.A
.3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
.3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A
.3	M0131	AA63-01401A	GASKET;LE40R71BX,Conductive Fabric,22mm,	1	S.N.A
.3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
.3	M0131	AA63-01447A	GASKET;Cambridge,Conductive Fabric,20mm,	1	S.N.A
.3	M0146	BN61-02251B	BRACKET-PANEL TOP;Bordeaux 40,SECC,T1.2	1	S.N.A
.3		BN61-02252B	BRACKET-PANEL BOTTOM;Bordeaux 40,SECC,T1	1	S.N.A
.3		BN61-02253A	BRACKET-GUIDE MAIN;Bordeaux 40,SECC,T1.2	1	S.N.A
.3		BN61-02254A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	S.N.A
.3		BN61-02255A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	S.N.A
.3	T0514	BN61-02393A	BRACKET-SUPPORT;CAMBRIDGE 32,SECC,T1.2	1	S.N.A
.3	T0101	BN61-02438A	BRACKET-WALL;MOSEL 40,SECC T1.6	1	S.N.A
0.1	M0003	BN92-01699L	ASSY BOX;40S73,EO,SONOMA	1	S.N.A
.2	T0130	BN69-01310H	BOX-00,SET;40S73,A1,-,-,-,U.K,-,-,-	1.02	S.N.A
0.1	M0113	BN92-01702A	ASSY P/MATERIAL;40T70,SONOMA	1	S.N.A
.2	T0376	6902-000061	BAG AIR;T0.2,W500,L1000,TRP,-,-,-	0.061	S.N.A
.2	T0376	6902-000379	BAG AIR;T0.2,W1000,L1800,TRP,-,-,-	0.018	S.N.A
.2	T0081	6902-000604	BAG WRAPPING;T0.02,W500,L10000,TRP,-,-,-	14.32	S.N.A
.2	T0524	6902-000411	BAG PE;T0.015/T0.5,W1300,L1300,WHT,28,2,	1	S.N.A
0.1	M0045	BN92-01991D	ASSY ACCESSORY;LE40S73BDX/XEU	1	S.N.A
.2	M0045	BN96-04157D	ASSY ACCESSORY;LE40S73BDX/XEU	1	S.A
.3	T0268	3903-000193	CBF-POWER CORD;DT,GB,GP3/YES,U(IEC C13-R	1	S.A
.3	T0524	6902-000110	BAG PE;T0.05,W250,L400,TRP,28,2,-	2	S.N.A
.3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
.3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C:XEU,ENG,U	1	S.N.A
.3	T0074	BN59-00516A	REMOCON;CAMBRIDGE,TM87B,45,CAMBRIDGE,EUR	1	S.A
.3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40",CLOTH,310,320,RHCM	1	S.N.A
.3	T0531	BN63-02416B	COVER-BOTTOM;SONOMA,40,HIPS,HB,BK500	1	S.N.A
.3	T0059	BN68-00895A	MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR	1	S.N.A
.3	T0511	BN68-01007K	MANUAL USERS;COMM,SAMSUNG,English,UK,W/P	1	S.N.A
.3	ACCESSORY	BN69-01052A	BOX ACCESSORY-00;ALL,-,W603,D672,-,-,-,2	1	S.N.A
0.1	M0019	BN92-01995C	ASSY LABEL;LE40S73BD	1	S.N.A

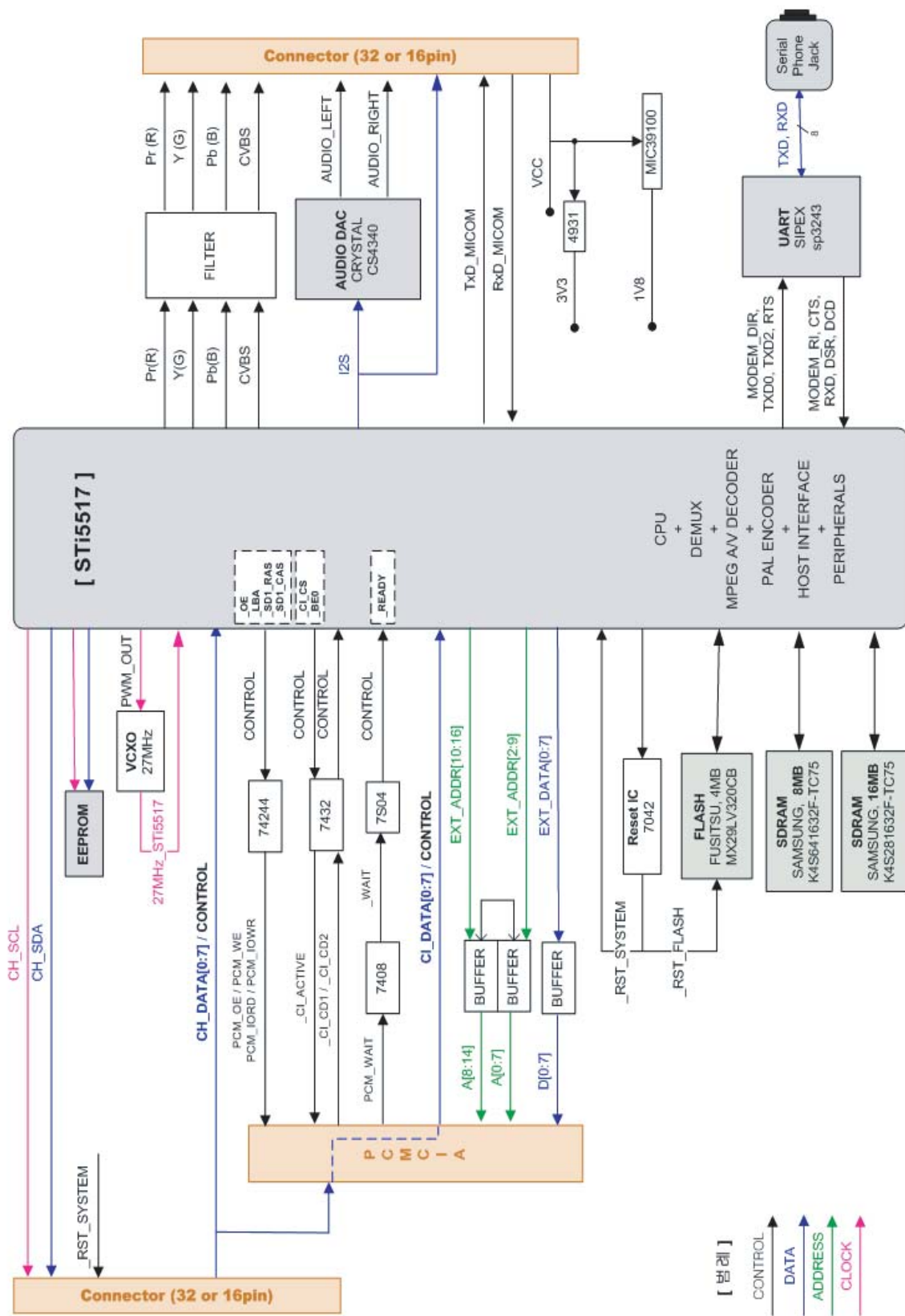


# 13 Circuit Descriptions

## 13-1 Main Signal Description

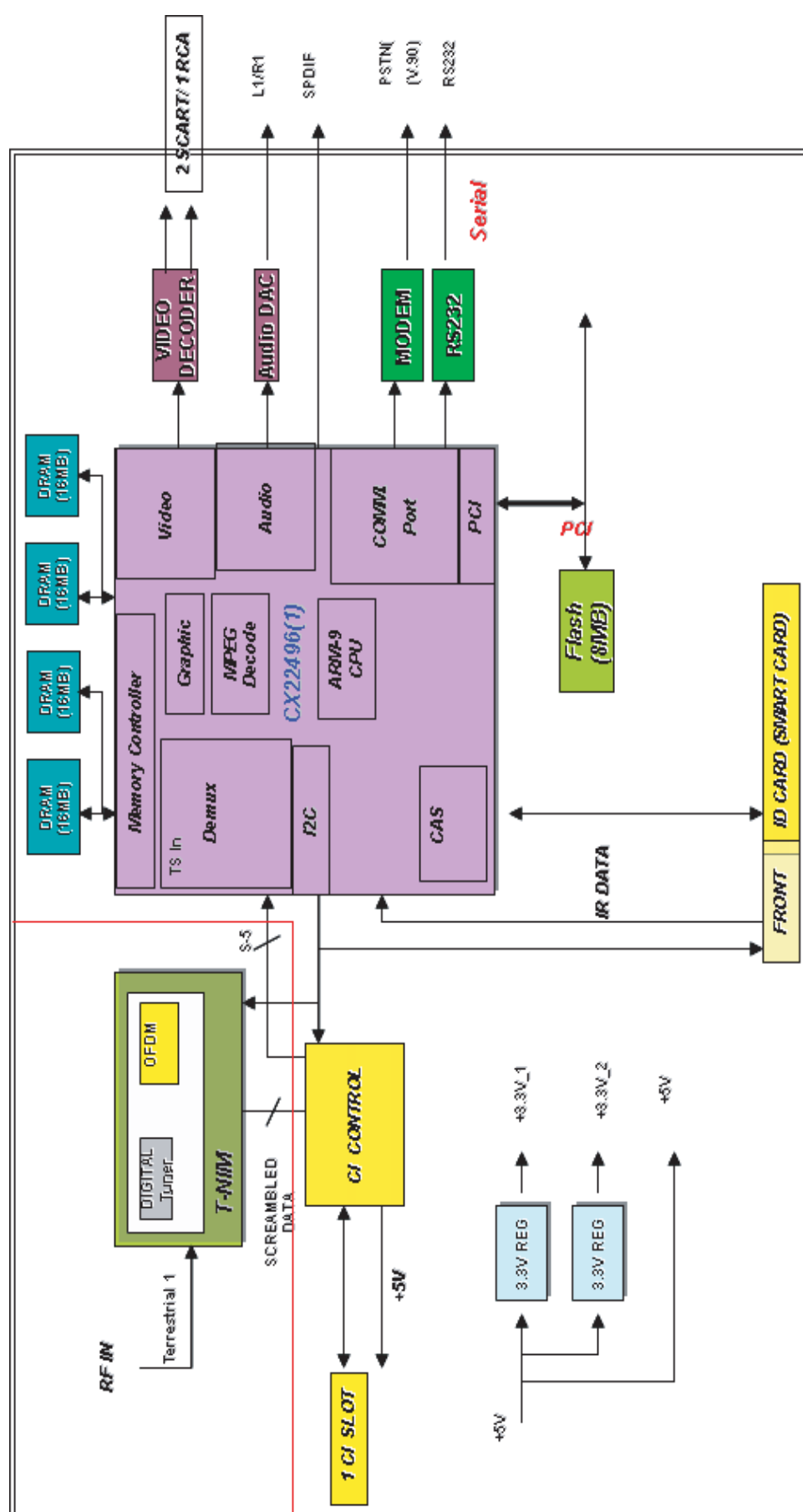


13-2 DTV Signal Description





## 13-3 DTV Signal Description (Only for Italy/Spain)



## 13-4 RF/DTV Tuner (DNOS303ZH261B(S)) SPEC.

### 1. Description

1-1 Receiving System : Designed to cover all bands in VHF and UHF including digital terrestrial(DVB-T) and hyper channels for CCIR system.

1-2 It built in COFDM-Demod IC & Analog Demod IC (PAL B/G, I, D/K, SECAM L/L')

1-3 Receiving Channel : 47MHz ~ 862MHz

1-4 Intermediate Frequency : Digital(center) 36.167 MHz, Analog(picture) 38.9MHz

1-5 Input Impedance : 75Ω, Unbalanced.

1-6 Terminals name and functi

Pin No	Connection	Remark	Pin No	Connection	Remark
1	N.C		15	N.C	
2	RF AGC		16	SYNC	
3	5V		17	VALID	
4	AFT		18	MD7	MPEG data output7
5	30V		19	MD6	MPEG data output6
6	GND		20	MD5	MPEG data output5
7	RESET		21	MD4	MPEG data output4
8	ERROR		22	MD3	MPEG data output3
9	VIDEO OUT		23	MD2	MPEG data output2
10	N.C		24	MD1	MPEG data output1
11	SIF OUT		25	MD0	MPEG data output0
12	3.3V		26	MPEG CLK	
13	GND		27	SDA	
14	N.C		28	SCL	

### 2. Mechanical Characteristics

2-1 Dimensions : refer Fig1

2-2 Weight : 60g

2-3 RF input : RCA (female)

2-4 Holding Strength of Ant jack.

Withdrawal force of center contact

: Perform insert & extract test for 20 times. Into receptacle contact by using gauge, showing in Fig-2.

It shall be maintain 50g.

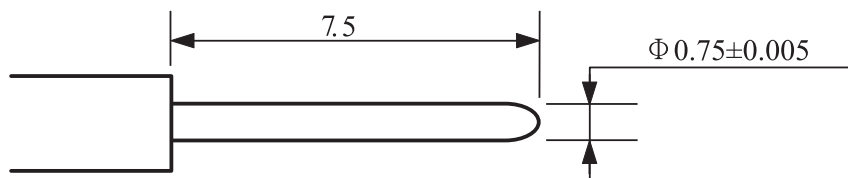


FIG - 2

### 3. General Characteristics

#### 3-1 Temperature Range

Storage Temperature : -20°C ~ +80°C

Operation Temperature : 0°C ~ +65°C

#### 3-2 Test conditions : All data hold under following conditions

T(amb.) : +25±2°C / Humidity : 45 ~ 65 % RH

Supply voltage(5V) : +5V ± 2%

Tuning voltage (BT) : +30V ± 2%

Supply voltage(3.3V) : +3.3V ± 2%

#### 3-3 Current Consumption

Supply Voltage (5V) : 180mA Max.

Tuning Voltage(30V) : 5mA Max.

Supply Voltage(3.3V) : 160mA Max.

### 4. Electrical Characteristics ( RF block & Digital Demodulation )

#### 4-1 Input Frequency Range

VHF-Low Band : 47MHz ~ 174MHz

VHF-High Band : 174MHz ~ 470MHz

UHF Band : 470MHz ~ 862MHz

#### 4-2 Input Signal Level : -78dBm ~ -20dBm (Average power, 64QAM)

#### 4-3 Voltage Gain

1st IF : 40dB typ. 38dBmin.

#### 4-4 Noise Figure

1st IF : 4.5dB typ. 6.5dB max. (at max. gain)

#### 4-5 OFDM-Demod IC : MT353 (produced by Zarlink)

#### 4-6 Input Impedance : 75Ω .

#### 4-7 RF Input/Output Return Loss : -8dB typ. -6dB min.

#### 4-8 IF Frequency

1) Digital center frequency : 36.167MHz

2) Analog (PAL B/G, I, D/K, SECAM L/L')

Picture intermediate frequency :

38.9MHz(PAL B/G & SECAM L), 33.9MHz(SECAM L')

Sound intermediate frequency :

33.4MHz(B/G), 32.9MHz(I), 32.4MHz(D/K,SECAM L), 40.4MHz(SECAM L')

#### 4-9 IF Response curve

1) Amplitude ripple in band (AGC Volt 4.0 ~ 0.8V) : ±3dB max.

Center<sub>f</sub>44MHz ( Above 306MHz)

Center<sub>f</sub>43.5MHz ( Below 300MHz)

2) 3dB bandwidth in band (AGC Volt 4.0 ~ 0.8V) for digital channel receiving

8MHz : The GPP3 port of the MT353 is high level.

7MHz : The GPP3 port of the MT353 is low level.

#### 4-10 Spurious Signals at Input Terminal

Local Oscillator Leakage : 46dBuV max.

## 13 Circuit Descriptions

### 4-11 Reference Frequency

The X-tal for the RF block's PLL : 4MHz

### 4-12 Phase Noise (step frequency 166.67kHz for digital)

@ 1kHz : -84dBc/Hz typ. -75dBc/Hz max.

@ 10kHz : -90dBc/Hz typ. -80dBc/Hz max.

### 4-13 Control Data Bus : I2C

### 4-14 Control Data Format : refer 5 section

### 4-15 Image PAL Interference Protection Ratio

: -49dB typ. -46dB min (at 2K, 8K mode) Note1.

### 4-16 Adjacent PAL Interference Protection Ratio. (N $\pm$ 1 channel)

: -38dB typ. -35dB min (at 2K, 8K mode) Note1.

### 4-17 Co-Channel PAL Interference Ratio.

: +1dB typ. +4dB min (at 2K, 8K mode) Note1.

#### ◆ Note1 :

Desire input signal condition

a : Modulation - 64QAM

b : Guard Interval - 1/32

c : Puncture Rate - 2/3

Undesired input signal condition :

PAL : Video 75% color bars

FM sound : 1kHz tone (P/S : 13dB,  $\pm$  50kHz deviation, freq. P/S : 6.0MHz)

※ Adjacent & Image channel PAL interference test procedure

a. Turn DVB-T source off ; adjust PAL PSP level to -25dBm

b. Turn PAL off ; turn DVB-T on

c. Adjust DVB-T to -25dBm

d. Turn PAL on and increase step PAL level to see the pixelation on the screen

e. Note protection ratio as the difference value between DVB-T and PAL's level

※ Co-Channel PAL interference test procedure

a. Turn PAL source off ; adjust DVB-T level to -50dBm

b. Turn DVB-T off ; turn PAL on

c. Adjust PAL to -50dBm

d. Turn DVB-T on and increase step attenuator in PAL channel until QEF.

### 4-18 Input Carrier to Noise (Additive White Gaussian Noise, QEF. Condition)

: 17.4dB typ. 18.4dB max. (64QAM, 2K,8K Mode, Code rate:2/3, input level:-50dBm)

: 22.5dB typ. 23.5dB max. (64QAM, 2K,8K Mode, Code rate:7/8, input level:-50dBm)

### 4-19 Sensitivity (QEF. Condition)

: -80dBm typ. -77dBm max. (64QAM, 2K,8K Mode, Code rate:2/3, Guard Interval 1/32)

: -73dBm typ. -70dBm max. (64QAM, 2K,8K Mode, Code rate:7/8, Guard Interval 1/32)

### 4-20 Multipath channel Interference (64QAM, 2K, 2/3 code rate, 1/32GI)

Short echo : 20.2dB max

Path	Delay(us)	Relative Attenuation(dB)
1	0	2.8
2	0.05	0
3	0.4	3.8
4	1.45	0.1
5	2.3	2.6
6	2.8	1.3

Long echo : 22.2dB max

Path	Delay(us)	Relative Attenuation(dB)
1	0	0
2	5	9
3	14	22
4	35	25
5	54	27
6	75	28

## 5. Electrical Characteristics ( Analof Demodulation )

### 5-1 PIF Characteristics

Parameter		Specification			Unit	Remark
		Min.	Typ.	Max.		
Video Output Level		0.95	1.0	1.05	Vp-p	* Input level : 70dBuV * PAL : 87.5% mod.
Luminance S/N Ratio		45	47	-	dB	* Input level : VHF 70dBuV UHF 70dBuV * HPF : 100kHz * LPF : 5MHz, SC trap : ON * 100% white signal(0.7Vp-p) * PAL : 87.5% mod. * Weight : OFF
Sensitivity	VHF	45	44	47	dBuV	S/N = 30dB HPF : 100kHz * LPF : 5MHz, SC trap : ON * 100% white signal(0.7Vp-p) * PAL : 87.5% mod.
	UHF		45	48		
Chroma Distortion	DP	-7	3	+7	Deg	*Input level : 70dBuV *10 stair step * PAL : 87.5% mod.
	DG	-7	3	+7	%	
Y/C Delay		-75	0	75	nsec	Y is reference (B/G MODE)
Video Frequency Response					dB	*Input level : VHF 70dBuV *Video Signal -PAL : 87.5%, AM MOD - Muli - Burst Signal
	1.0MHz	-1.0	0	+1.0		
	PAL 2.0MHz	-1.5	0	+1.5		
	SECAM L 3.0MHz	-2.0	0	+2.0		
Video Frequency Response					dB	*Input level : VHF 70dBuV *Video Signal -PAL : 87.5%, AM MOD - Muli - Burst Signal
	1.0MHz	-3.0	0	+3.0		
	SECAM L' 2.0MHz	-3.5	0	+3.5		
	3.0MHz	-4.0	0	+3.5		
	4.43MHz	-6.5	-2.5	+3.0		
BURST LEVEL		15	25	45	%	*Input level : VHF 70dBuV *Video Signal -PAL : 87.5%, AM MOD (Standard Color Bar Signal)

## 5-2 AFT Characteristics

Parameter	Specification			Unit	Remark
	Min.	Typ.	Max.		
AFT Alignment Accuracy	+50	0	-50	KHz	Alignment center : 2.5V IF input level : 90dBuV P/S = -10dB Standard color bar : 87.5% mod.

## 5-3 Audio Characteristics

Parameter	Specification			Unit	Remark
	Min.	Typ.	Max.		
SIF OUT Level	65	90		dBuV	Standard color bar : 87.5% mod.

## 13-5 DTV MAIN ChipSet

## 13-5-1 STi5517SUA SPEC.

## ■ Enhanced ST20 32-bit VL-RISC CPU

- 180MHz, 8Kbyte instruction cache, 8Kbyte data cache and 8Kbyte SRAM

## ■ Shared memory interface

- 133MHz, 16-bit wide SDRAM interface, 64 and 128Mbit support

## ■ Programmable external memory interface

- 6 separately configurable banks, 8/16-bit wide
- SRAM, SDRAM, Flash, SFlash support
- support for connection to HDD (PIO modes)

## ■ Programmable transport interface (PTI)

- 2 input stratic MUX
- Signal trasport stream demux: DVB and/or DIRECTV<sup>®</sup>
- Integrated DES-ECB, DVB, ICAM, Fast-I descramblers
- Support for low cost DVB-CI interface

## ■ MPEG-2 MP@ML Video decoder

- Greater than 2x decoding speed
- Trick modes including smooth fast-forward and rewind
- Fully programmable horizontal and vertical SRCs

## ■ Graphics/display

- 5 display planes
- 2, 4 and 8 bpp CLUT graphics, 256 x 30 bits (AYCbCr) CLUT entries, 16bpp true color graphics, RGB565, ARGB1555, ARGB4444 formats, link-list control
- Alpha blending, antialiasing, antifutter, antiflicker filters
- 2-D paced biltter engine with fill function
- Display compositor with separate OSD controller for TV and VCR outputs

## ■ PAL/NTSC/SECAM encoder

- RGB, CVBS, Y/C and YUV outputs with 10-bit DACs
- Encoding of CGMS, Teletext, WSS, VPS, close caption

## ■ Audio subsystem

- MPEG-1 layers I/II and layer III (MP-3)
- Dolby<sup>®</sup> Digital decoding
- Dolby Pro Logic<sup>®</sup> compatible output
- PCM mixing and sample rate conversion
- SRS/TruSrround<sup>®</sup> virtual surround sound
- IEC958/IEC1937 digital audio output interface
- Integrated stereo audio DAC system

## ■ DMA controller

## ■ On-chip peripherals

- 5 ASCs (UARTs) with Tx and Rx FIFOs
- 6, 8bit banks of parallel I/O
- 2 smartcard interfaces and clock generators
- 2 SSCs for IC/SPI master/slave interfaces
- 4 PWM channels
- Teletext serializer and DMA module
- Modern analog front-end interface (MAFE)
- TS output interface for connection to external IEEE1394 link-layer controller
- Low-power / RTC / watchdog controller

## ■ JTAG/TAP interface

## ■ Package 27x27 PBGA416

## 13-5-2 CS4340 SPEC.

### ■ Features

- Complete Stereo DAC System: Interpolation, D/A, Output Analog Filtering
- 101 dB Dynamic Range
- 91dB THD+N
- Low Clock Jitter Sensitivity
- +3V to +5V Power Supply
- Filtered Line Level Outputs
- On-chip Digital De-emphasis for 32, 44.1, and 48kHz
- 30mW with 3V supply
- Popguard® Technology for Control of Clinks and pops

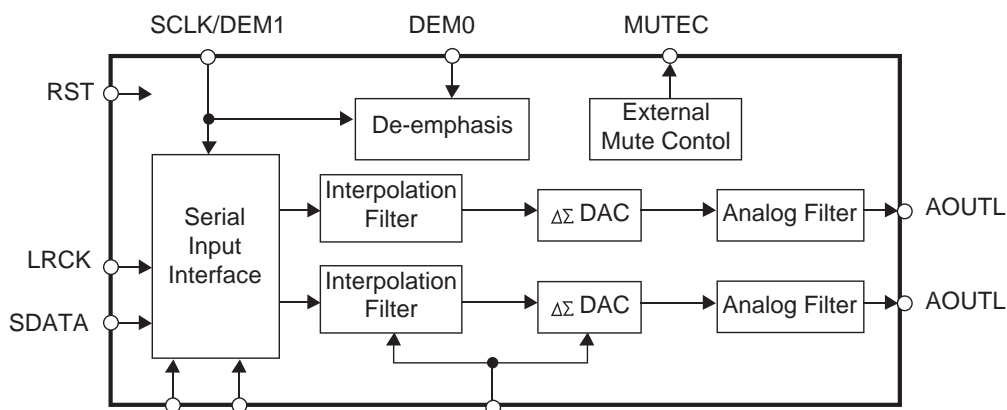
### ■ Description

The CS4340 is a complete stereo digital-to-analog system including digital interpolation, fourth-order delta-sigma digital-to-analog conversion, digital de-emphasis and switched capacitor analog filtering. The advantages of this architecture include: ideal differential linearity, no distortion mechanisms due to resistor matching errors, no linearity drift over time and temperature and a high tolerance to clock jitter.

The CS4340 accepts data at audio sample rates from 2kHz to 100kHz, consumes very little power, and operates over a wide power supply range. The features of the CS4340 are ideal for DVD players, CD players, set-top box and automotive systems.

### ■ ORDERING INFORMATION

CS4340-KS	16-pin SOIC, -10 to 70 °C
CS4340-BS	16-pin SOIC, -40 to 85 °C
CDB4340	Evaluation Board





### 13-5-3 MX29LV320CB(Flash Memory) SPEC.

#### FEATURES

##### GENERAL FEATURES

- 4,194,304 x 8 / 2,097,152 x 16 switchable
- Sector Structure
  - 8K-Byte x 8 and 64K-Byte x 63
- Extra 64K-Byte sector for security
  - Features factory locked and identifiable, and customer lockable
- Twenty-Four Sector Groups
  - Provides sector group protect function to prevent program or erase operation in the protected sector group-Provides chip unprotect function to allow code changing
  - Provides temporary sector group unprotect function for code changing in previously protected sector groups
- Single Power Supply Operation
  - 2.7 to 3.6 volt for read, erase, and program operations
- Latch-up protected to 250mA from -1V to Vcc +1V
- Low Vcc write inhibit is equal to or less than 1.4V
- Compatible with JEDEC standard
  - Pinout and software compatible to signal power supply Flash

##### PERFORMANCE

- High Performance
  - Fast access time : 70/90/120ns
  - Fast program time : 7us/word typical utilizing accelerate function
  - Fast erase time : 1.6s/sector, 112s/chip (typical)

- Low Power Consumption
  - Low active read current: 10mA (typical) at 5MHz
  - Low standby current : 200nA (typical)
- Minimum 100,000 erase/program cycle
- 10-year data retention

##### SOFTWARE FEATURES

- Erase Suspend/ Erase Resume
  - Suspends sector erase operation to read data from or program data to another sector which is not being erased
- Status Reply
  - Data polling & Toggle bits provide detection of program and erase operation completion
- Support Common Flash Interface (CFI)

##### HARDWARE FEATURES

- Ready/Busy (RY/BY) Output
  - Provides a hardware method of detecting program and erase operation completion
- Hardware Reset (RESET) Input
  - Provides a hardware method to reset the internal state machine to read mode
- WP/ACC input pin
  - Provides a accelerated program capability

##### PACKAGE

- 48-Pin TSOP
- 48-Ball CSP

## 13-6 DTV MAIN Chipset (Only for Italy/Spain)

### 13-6-1 CX22496 SPEC.

#### 1. Transport/TES Stream De-Multiplexing

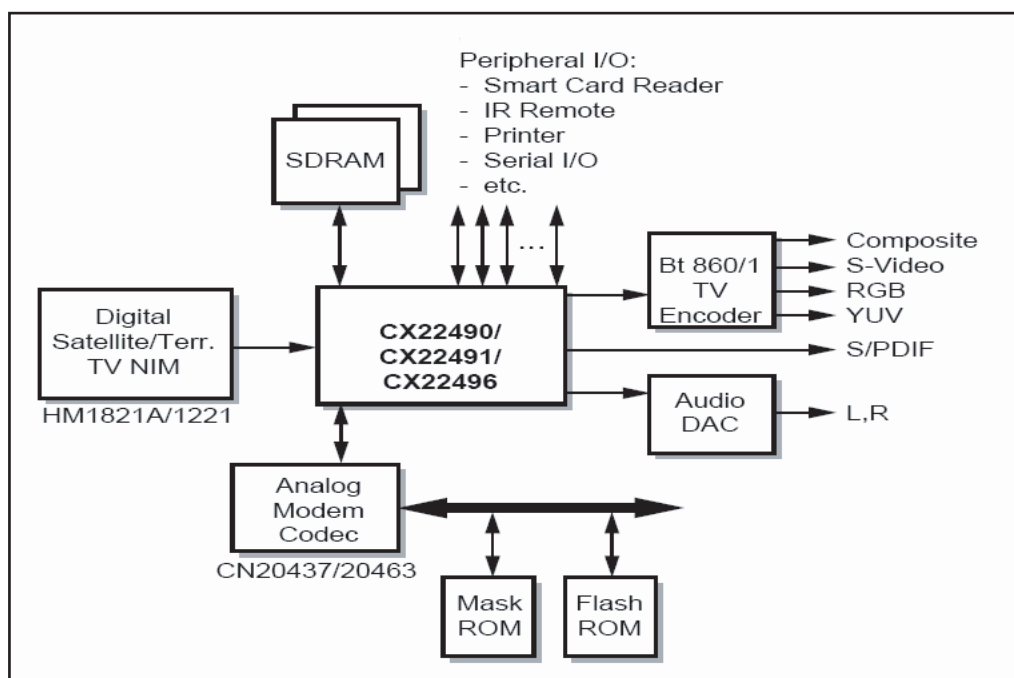
A transport stream is received into the MPEG-2/DVB Transport Stream De-Multiplexer.

This block contains a DVB common descrambling processor to perform transport or PES payload descrambling.

The embedded CPU retrieves ECMs and EMMs from the PSI/SI data and obtains control keys from the EMMs and the smart card interface controller. The CX22491/CX22496 also includes NDS proprietary conditional access gates. After descrambling and error recovery, the Transport Stream De-Multiplexer performs transport header parsing, PES header parsing and PSI/SI header parsing and extraction. The PID filters pass through the selected video and audio data, the PCR, as well as up to 36 other user-defined packet streams. The Program Clock Reference is sent to a system timing generator while the other streams are temporarily stored in local memory. Video and Audio streams are automatically detected and sent to the MPEG-2 Video Decoder and MPEG Audio/Dolby Digital Decoder blocks respectively, while user data stream (including teletext and sub-titling) must be taken out of local SDRAM memory by the embedded ARM CPU. A system timing generator uses a single external 14.318MHz crystal and on-chip PLLs to provide all required clock signals for A/V decoding, memory controller, CPU, display controller, audio controller, clock recovery and modem functions.

2. Video Decoding the MPEG video decoder module decodes MPEG-1 and MPEG-2 MP@ML video bitstreams at bit-rates up to 15Mbit/sec. A range of video picture resolutions are supported including : 720 x 576, 544 x 576, 480 x 576, 352 x 576, 352 x 288, 720 x 480, 544 x 480, 480 x 480, 352 x 480, 352 x 240. Up-sampling to CCIR601 for the low resolution picture modes is implemented using a high performance two dimensional interpolation filter. Error concealment is applied down to the slice level.

3. Audio Decoding and PCM output CX22490/1/6 supports MPEG-1 single channel, dual channel, joint-stereo and stereo and stereo modes. MPEG-2 backward compatible bit-streams are also supported at both half and full sample rates. MPEG audio can be decoded with or without de-emphasis. For Dolby Digital bit-streams, the CX22490/1/6 internally decodes 5.1 channels of audio but only the ProLogic encoded, stereo down-mixed pair are provided as outputs.



## 13-6-2 UDA4330D(Audio DAC) SPEC.

- Low power consumption
- Power supply voltage from 2.7 to 5.5V
- Selectable control via L3 microcontroller interface or via static pin control
- System clock frequencies of 256fs, 384fs and 512fs selectable via static pin control
- Supports sampling frequencies (fs) from 8 to 55kHz
- Integrated digital filter plus non inverting Digital-to-Analog Converter (DAC)
- No analog post filtering required for DAC
- Slave mode only applications
- Easy application
- Small package size (SSOP16)
- TTL tolerant input pads
- Pin and function compatible with the UDA1320ATS.

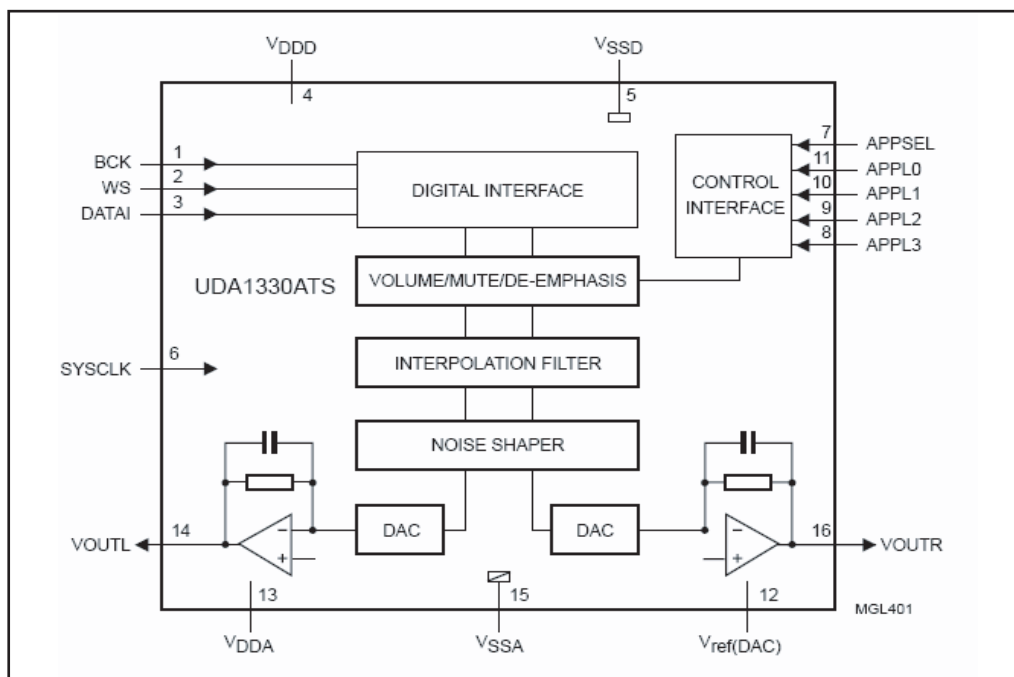
#### ■ Multiple format input interface

- L3 mode : 12 S-bus, MSB-justified or LSB-justified 16, 18 and 20 bits format compatible
- Power supply voltage from 2.7 to 5.5V
- Selectable control via L3 microcontroller in

The CS4340 accepts data at audio sample rates from 2kHz to 100kHz, consumes very little power, and operates over a wide power supply range. The features of the CS4340 are ideal for DVD players, CD players, set-top box and automotive systems.

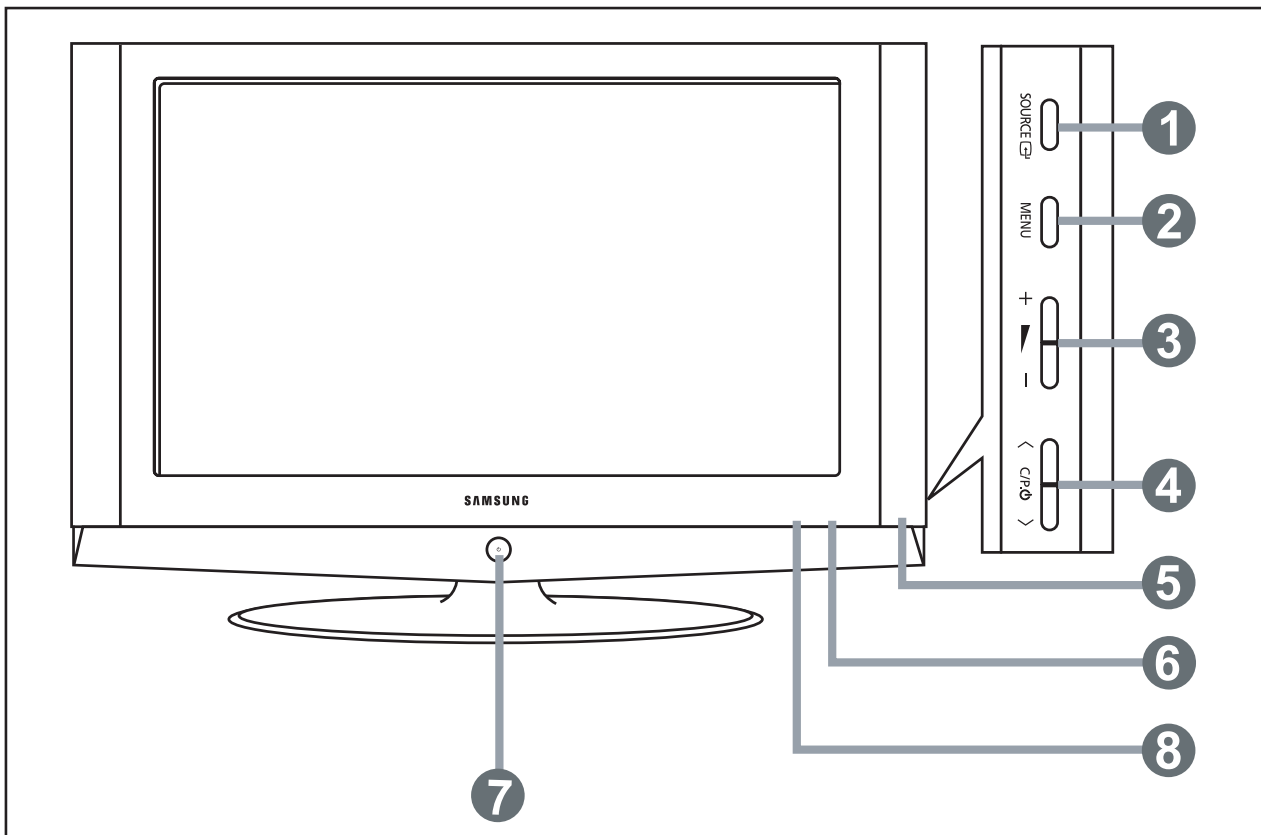
#### ■ ORDERING INFORMATION

CS4340-KS	16-pin SOIC, -10 to 70 °C
CS4340-BS	16-pin SOIC, -40 to 85 °C
CDB4340	Evaluation Board



## 10 Operating Instructions and Installation


### 10-1 Front



- The product colour and shape may vary depending on the model.

#### 1. SOURCE

Toggles between all the available input sources (TV, Ext.1, Ext.2, AV, S-Video, Component, PC, HDMI1, HDMI2).


In the on-screen menu, use this button as you use the ENTER  button on the remote control.

#### 2. MENU

Press to see an on-screen menu of your TV's features.


#### 3. + -

Press to decrease or increase the volume.

In the on-screen menu, use the +  - buttons as you use the ◀ and ▶ buttons on the remote control.

#### 4. < C/P. >

Press to change channels.

In the on-screen menu, use the < C/P.  > buttons as you use the ▼ and ▲ buttons on the remote control. (Without the Remote Control, you can turn on the TV by using the Channel buttons.)

#### 5. Speakers

#### 6. Remote Control Sensor

Aim the remote control towards this spot on the TV.

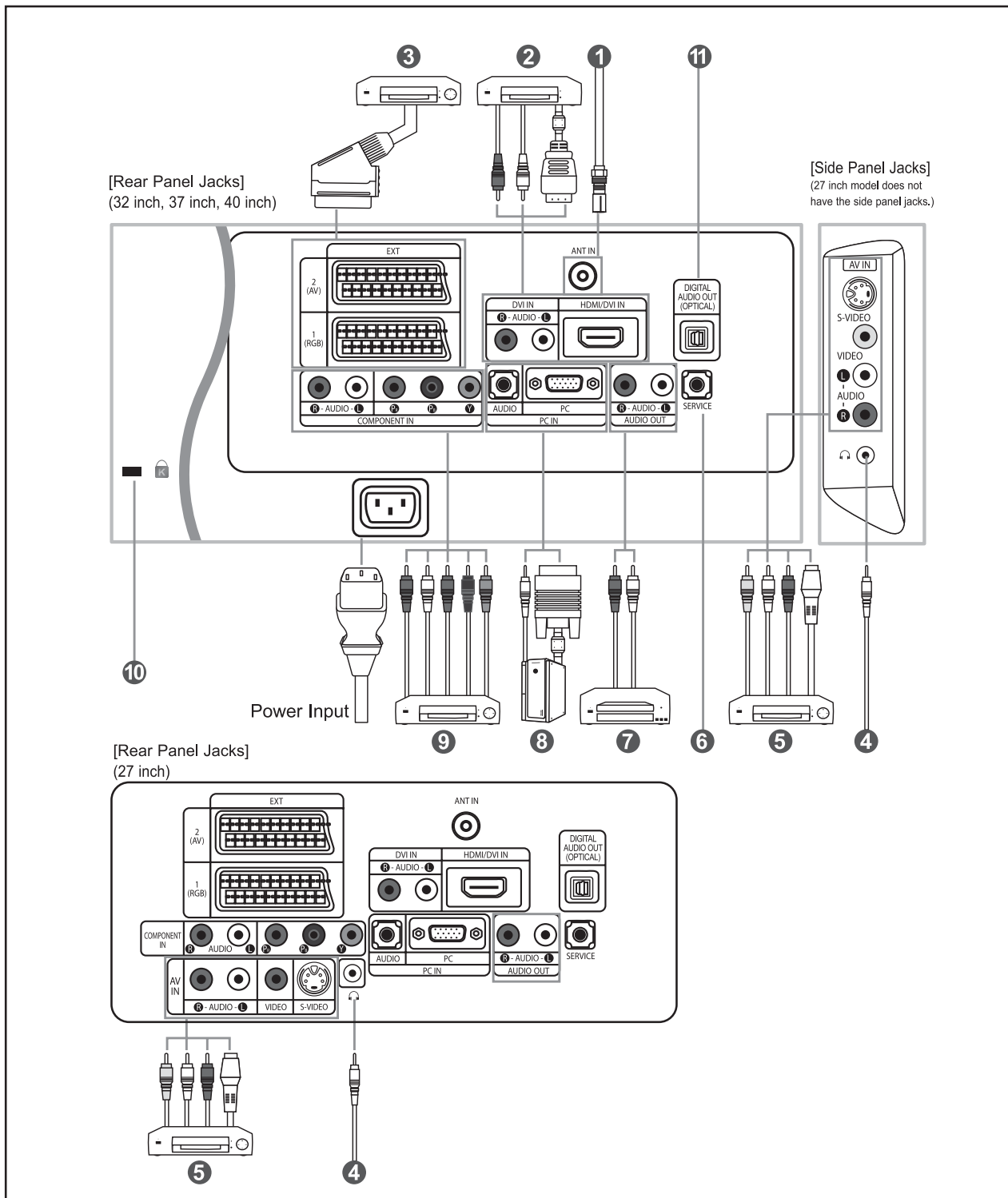
#### 7. (Power)

Press to turn the TV on and off.

#### 8. Power Indicator

Blinks and turns off when the power is on and lights up in stand-by mode.

## 10-2 Connection Panel



- Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
- When connecting an external device, match the colour of the connection terminal to the cable.

**1. Connecting HDMI/DVI**

- Supports connections between HDMI-connection-enabled AV devices (Set-Top Boxes, DVD players, AV receivers and digital TVs).
- No additional Audio connection is needed for an HDMI to HDMI connection.

► **What is HDMI?**

- "High Definition Multimedia interface" allows the transmission of high definition digital video data and multiple channels of digital audio ( 5.1 channels).
- The HDMI/DVI terminal supports DVI connection to an extended device with the appropriate cable (not supplied). The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi - channel digital audio.

► **You should use the DVI-to-HDMI cable or DVI-HDMI Adapter for the connection, and the "R - AUDIO - L" terminal on DVI for sound output.**

- When connecting this product via HDMI or DVI to a Set Top Box, DVD Player or Games Console etc, make sure that it has been set to a compatible video output mode as shown in the table below.

Failure to observe this may result in picture distortion, image breakup or no picture.

► **Supported modes for DVI or HDMI**

	480i	480p	576i	576p	720p	1080i
50Hz	X	O	X	O	O	O
60Hz	X	O	X	X	O	O
Component	O	O	O	O	O	O

- Do not attempt to connect the HDMI/DVI connector to a PC or Laptop Graphics Card.  
(This will result in a blank screen being displayed)

**3. Connecting Set-Top Box, VCR or DVD**

Connector	Input			Output
	Video	Audio (L/R)	RGB	Video + Audio (L/R)
EXT 1	O	O	O	Only TV or DTV output is available.
EXT 2	O	O		Output you can choose.

- Inputs or outputs for external devices, such as VCR, DVD, video game device or video disc players.

**5. Connecting External A/V Devices**

- Connect RCA or S-VIDEO cable to an appropriate external A/V device such as VCR, DVD or Camcorder.
- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the A/V device.
- Headphone may be connected to the headphone output ( 4 ) on the rear of your set. While the headphone is connected, the sound from the built-in speakers will be disabled.

**6. SERVICE**

- Service connection for qualified service engineer.

**7. Connecting AUDIO**

- Connect RCA audio cables to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theater.

**8. Connecting Computer**

- Connect the D- Sub cable (optional) to "PC (PC IN)" on the rear of your set and the other end to the Video Card of your computer.
- Connect the stereo audio cable (optional) to "AUDIO (PC IN)" on the rear of your set and the other end to "Audio Out" of the sound card on your computer.

**9. Connecting Component Devices (DTV/DVD)**

- Connect component video cables (optional) to component connector ("Pr", "Pb", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the DTV or DVD.
- If you wish to connect both the Set-Top Box and DTV (or DVD), you should connect the Set-Top Box to the DTV (or DVD) and connect the DTV (or DVD) to component connector ("Pr", "Pb", "Y") on your set.
- The PR, PB and Y connectors on your component devices (DTV or DVD) are sometimes labeled Y, B-Y and R-Y or Y, Cb and Cr.
- Connect RCA audio cables (optional) to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the DTV or DVD.
- This LCD TV displays its optimum picture resolution in 720p mode.
- This LCD TV displays its maximum picture resolution in 1 080i mode.

**10. Kensington Lock**

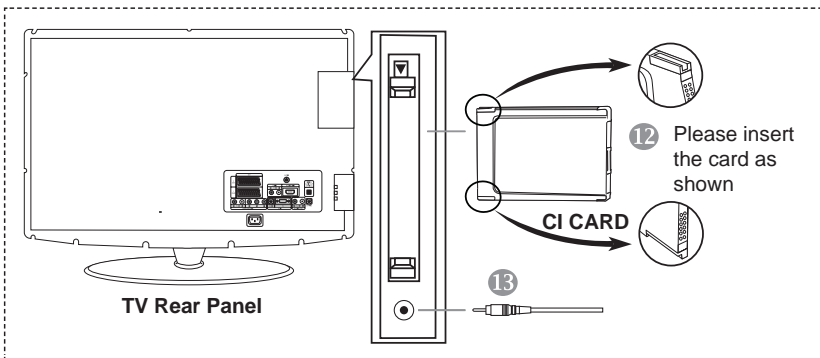
- The Kensington lock (optional) is a device used to physically fix the system when used in a public place.
- If you want to use a locking device, contact the dealer where you purchased the TV.
- The place of the Kensington Lock may be different depending on its model.

## 10 Operating Instructions and Installation

### 11. DIGITAL AUDIO OUT (OPTICAL)

- Connect to a Digital Audio Component.

### 12. Connecting CI (Common Interface) CARD



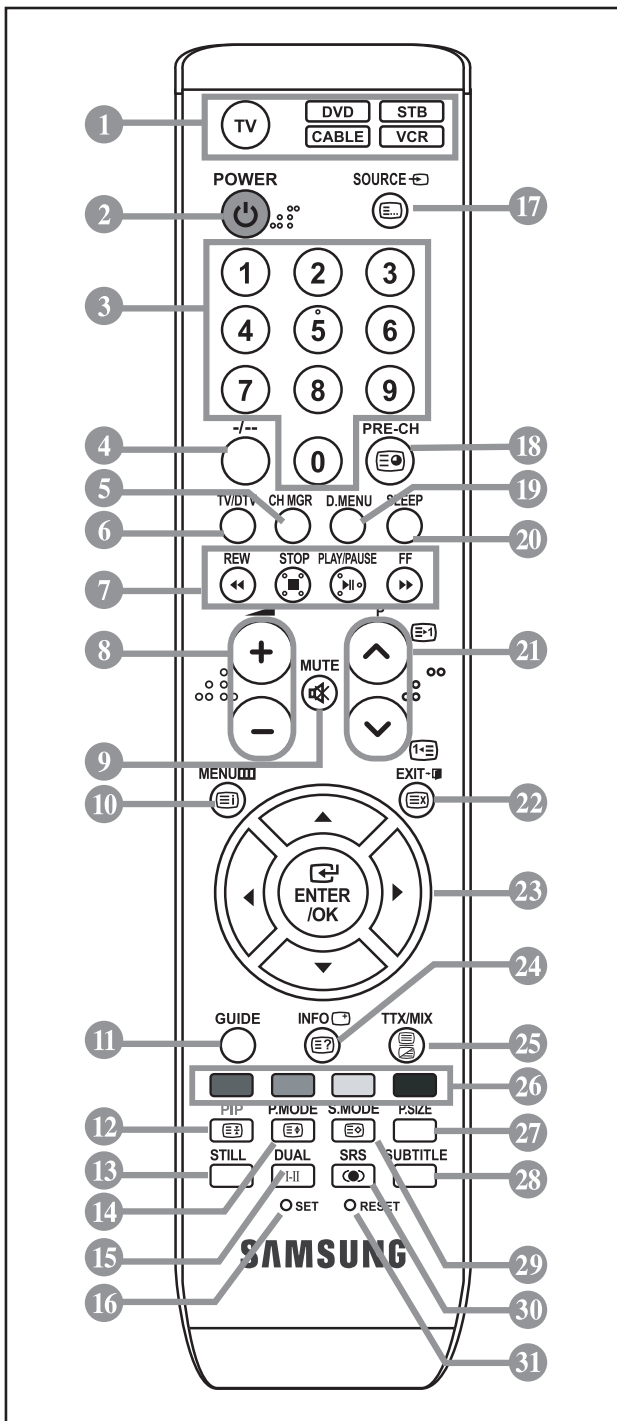
- When not inserting "CI CARD" in some channels, "Scrambled Signal" is displayed on the screen.
- The pairing information containing a telephone number, CI CARD ID, Host ID, and other information will be displayed in about 2~3 minutes. If an error message is displayed, please contact your service provider.
- When the channel information configuration has finished, the message "Updating Completed" is displayed, indicating that the channel list is now updated.
- You must obtain a CI CARD from a local cable service provider. Remove the CI CARD by carefully pulling it out with your hands since dropping the CI CARD may cause damage to it.

### 13. Service Port

- Service connection for qualified service engineer.



## 10-3 Remote Control



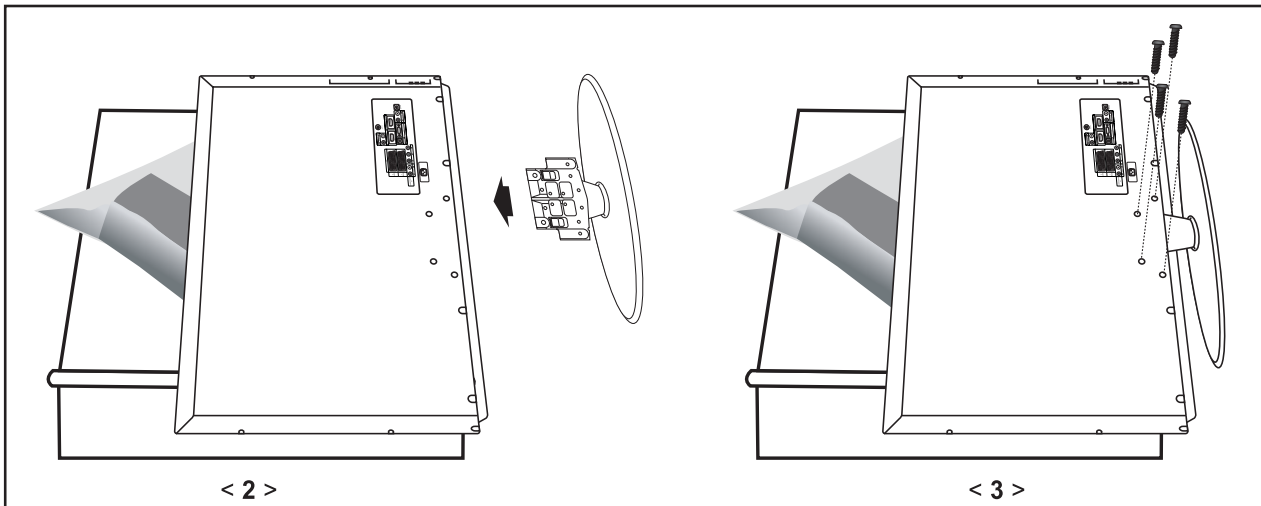
1. Selects a target device to be controlled by the Samsung remote control (TV, DVD, STB, CABLE, VCR)
2. Television Standby button
3. Number buttons for direct channel access
4. One/Two-digit channel selection
5. It display "Channel Manager" on the screen.
6. Selects the TV mode directly
7. VCR/DVD Functions  
Rewind, Stop, Play/Pause, Fast/Forward
8. ⊕ Volume increase  
⊖ Volume decrease
9. Temporary sound switch-off
10. Menu display and change confirmation
11. Electronic Program Guide (EPG) display
12. Picture-In-Picture On / Off
13. Picture freeze
14. Picture effect selection
15. Sound effect selection
16. Adjusts 5 separate devices - TV, DVD, STB, CABLE, or VCR.
17. Available source selection
18. Previous channel
19. DTV menu display
20. Automatic Power-off
21. P ⊙ : Next channel  
P ⊙ : Previous channel
22. Exit the OSD
23. Control the cursor in the menu
24. Use to see information on the current broadcast
27. Picture size selection
28. Digital subtitle display
29. Sound mode selection
30. SRS TSXT selection
31. When your remote does not work, change the batteries and press the "RESET" button for 2-3 seconds before use.

**Teletext Functions**

6. Exit from the teletext display
10. Teletext index
12. Teletext hold
14. Teletext size selection
17. Teletext mode selection (LIST/FLOF)
18. Teletext sub page
21. P ⊙ : Teletext next page  
P ⊙ : Teletext previous page
22. Teletext cancel
24. Teletext reveal
25. Alternately select Teletext, Double, or Mix.
26. Fastext topic selection
29. Teletext store

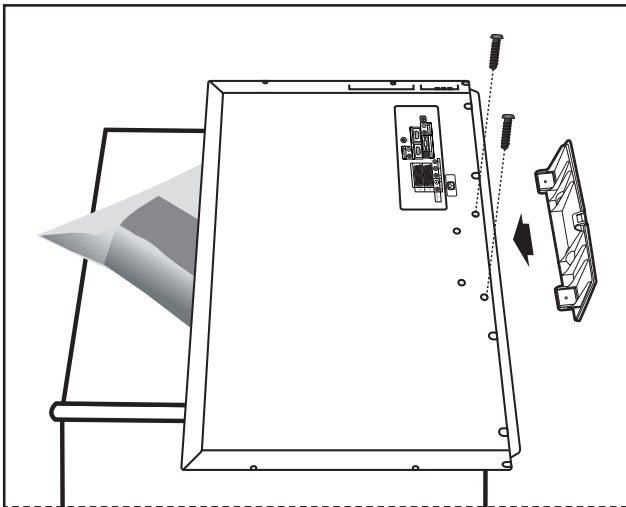
- The performance of the remote control may be affected by bright light.
- This is a special remote control for the visually impaired, and has Braille points on the Power, Channel and Volume buttons.

## 10-4 Installing the Stand



1. Place the TV faced down on a soft cloth or cushion on a table.
2. Put the stand into the hole at the bottom of the TV.
3. Insert screw into the hole indicated and tighten.
  - ▶ The stand is installed for models with the screen size of 40 inch and above.

## 10-5 Installing the Wall Mount Kit



Wall mount items (sold separately) allow you to mount the TV on the wall.

For detailed information on installing the wall mount, see the instructions provided with the Wall Mount items. Contact a technician for assistance when installing the wall mounted bracket.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

- ▶ Remove the stand and cover the bottom hole with a cap and fasten with two screws.

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## 14 Reference Information

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### 14-1 Technical Terms

#### - TFT-LCD

##### (Thin film Transistor Liquid Crystal Display)

ADC(Analog to Digital Converter)

This is a circuit that converts from analog signal to digital signals.

#### - PLL(Phase Locked Loop)

During progressing ADC, Device makes clock synchronizing HSYNC with Video clock

#### - Inverter

Device that supply Power to LCD panel lamp. this device generate about 1,500~2,000V.

#### - AC Adapter

Device that converts AC(90V~240V) to DC(+12V or 14V)

#### - SMPS(Switching Mode Power Supply)

Switching Mode Power supply. This design technology is used to step up/down the input power by switching on/off

#### - FRC(Frame Rate Controller)

Technology that change image frame quantity displayed on screen for one second.

Actually TFT-LCD panel require 60 pcs of frame for one second.

so, this technology is needed to convert input image to 60 pcs regardless input frame quantity.

#### - Image Scaler

Technology that convert various input resolution to other resolution.(ex. 640\* 480 to 1024\*768)

#### - Auto Configuration(Auto adjustment)

This is an algorithm to adjust monitor to optimum condition by pushing one key.

#### - OSD(On Screen Display)

On screen display. customer can control the screen easily with this.

#### - Image Lock

This means "Fineness adjustment" in LCD Monitor, the features are "Fine" and "Coarse"

#### - FINE

"Fine" adjustment is used to adjust visibility by control phase difference.

#### - COARSE

This is a adjustment by tuning with Video clock and PLL clock.

#### - L.V.D.S.(Low Voltage Differential Signaling)

a kind of transmission method for Digital. It can be used from Main PBA to Panel.

#### - DVI (Digital Visual Interface)

This provides a high speed digital connection for visual data types that is display technology independent. this interface is primarily focused at providing a connection between a computer and its display device.

#### - T.M.D.S

##### (Transition minimized Differential Signaling)

a kind of transmission method for Digital.

It can be used from Video card to Main PBA.

**- DDC(Display data channel)**

It is a communication method between Host Computer and related equipment.

It can make it Plug and Play between PC and Monitor.

**- EDID**

Extended Display Identification Data PC can recognize the monitor information as Product data, Product name, Display mode, Serial number and Signal source, etc through DDC Line communicating with PC and Monitor.

**- Dot Pitch**

The image on a monitor is composed of red, green and blue dots. The closer the dots, the higher the resolution. The distance between two dots of the same color is called the 'Dot Pitch'.

Unit: mm

**- Vertical Frequency**

The screen must be redrawn several times per second in order to create and display an image for the user. The frequency of this repetition per second is called Vertical Frequency or Refresh Rate. Unit: Hz

**Example:** If the same light repeats itself 60 times per second, this is regarded as 60 Hz.

**- Horizontal Frequency**

The time to scan one line connecting the right edge to the left edge of the screen horizontally is called Horizontal Cycle. The inverse number of the Horizontal Cycle is called Horizontal Frequency. Unit: kHz

**- Interlace and Non-Interlace Methods**

Showing the horizontal lines of the screen from the top to the bottom in order is called the Non-Interlace method while showing odd lines and then even lines in turn is called the Interlace method. The Non-Interlace method is used for the majority of monitors to ensure a clear image. The Interlace method is the same as that used in TVs.

**- Plug & Play**

This is a function that provides the best quality screen for the user by allowing the computer and the monitor to exchange information automatically. This monitor follows the international standard VESA DDC for the Plug & Play function.

**- Resolution**

The number of horizontal and vertical dots used to compose the screen image is called 'resolution'. This number shows the accuracy of the display. High resolution is good for performing multiple tasks as more image information can be shown on the screen.

**Example:** If the resolution is 1280 x 1024, this means the screen is composed of 1280 horizontal dots (horizontal resolution) and 1024 vertical lines (vertical resolution).

**- BTSC**

Broadcast Television System Committee  
The stereo broadcasting system that is used in most of the countries that have adopted the NTSC system, including the United States, Canada, Chile, Venezuela and Taiwan. It also refers to the organization that has been organized to promote its development and management.

**- EIAJ**

Electronic Industries Association of Japan.

**- RF Cable**

A round signal cable generally used for TV antennas.

**- Satellite Broadcasting**

Broadcasting service provided via satellite. Enables high picture quality and clear sound throughout the country regardless of the location of the viewer.

**- Sound Balance**

Balances the levels of the sound coming from each speaker in televisions with two speakers.

**- Cable TV**

Whereas the terrestrial broadcasting is delivered via frequency signals through the air, cable broadcasting is transmitted via a cable network. In order to view cable TV, one must purchase a cable receiver and hook it up to the cable network.

**- CATV**

"CATV" refers to the broadcasting service offered at hotels, schools and other buildings through their own broadcasting system, apart from VHF or UHF broadcasting by terrestrial broadcasters. The CATV programs may include movies, entertainment and educational programs. (Different from cable TV.)

CATV can be viewed only within the area in which the CATV service is offered.

**- S-Video**

Short for "Super Video." S-Video allows up to 800 lines of horizontal resolution, enabling high-quality video.

**- VHF/UHF**

VHF indicates TV channels 2 to 13, and UHF indicates channels 14 through 69.

**- Channel Fine Tuning**

This feature allows the viewer to fine-tune the TV channel to obtain the best viewing conditions. The Samsung LCD TV has both automatic and manual channel fine-tuning features to enable the viewer to adjust their desired settings.

**- External Device Input**

External device input refers to video input from such external video devices as VCRs, camcorders and DVD players, separate from a TV broadcast.

## 14-2 Pin Assignments

## 14-2-1 DVI-D

Pin No.	Sync Type	24P DVI-D	
1		Rx2-	13 NC
2		Rx2+	14 DDC Input power (+5V)
3		GND	15 IDENT-DVI
4		NC	16 Output Signal (HDCP Control)
5		NC	17 Rx0-
6		DDC - SCL	18 Rx0+
7		DDC - SDA	19 GND
8		NC	20 NC
9		Rx1-	21 NC
10		Rx1+	22 GND
11		GND	23 RxC+
12		NC	24 RxC-

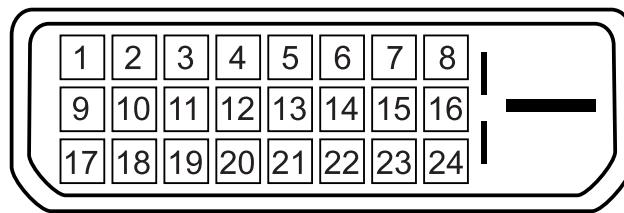


Figure 1.

## 14-2-2 Component

RCA Green	Y
	GND
RCA Blue	Pb (Cb)
	GND
RCA Red	Pr (Cr)
	GND
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

## 14-2-4 A/V

RCA Yellow	CVBS
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

## 14-2-3 S-Video

Pin	Separate
1	GND
2	Y
3	C
4	GND
5	GND

## 14-2-5 D-SUB

Pin	Separate
1	Red
2	Green
3	Blue
4	GND
5	GND
6	GND Red
7	GND Green
8	GND Blue
9	DDC Input power(+5V)
10	IDENT PC
11	GND
12	DDC Data(SDA)
13	H SYNC
14	V SYNC
15	DDC Clock(SCL)

## 14-2-6 PC Display mode

Both screen position and size will vary depending on the type of PC monitor and its resolution.

The resolutions in the table are recommended. (All resolutions between the supported limits are supported)

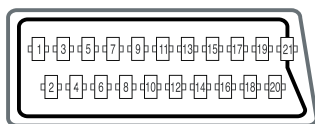
Mode	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)
IBM	640 x 480	31.469	59.940	25.175	- / -
	720 x 400	31.469	70.087	28.322	- / +
VESA	640 x 480	37.861	72.809	31.500	- / -
	640 x 480	37.500	75.000	31.500	- / -
	800 x 600	37.879	60.317	40.000	+ / +
	800 x 600	48.077	72.188	50.000	+ / +
	800 x 600	46.875	75.000	49.500	+ / +
	1024 x 768	48.364	60.000	65.000	- / -
	1024 x 768	56.476	70.069	75.000	- / -
	1024 x 768	60.023	75.029	78.750	+ / +
	1360 x 768	47.712	60.015	85.800	+ / +

- The interlace mode is not supported.
- The set might operate abnormally if a non-standard video format is selected.
- DVI does not support PC function.



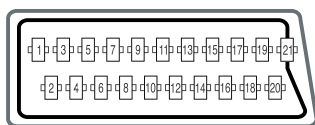
## 14 Reference Information

### 14-2-7 Scart 1



Pin	Signal	Pin	Signal
1	Audio output R	12	NC
2	Audio input R	13	Video GND (RGB red)
3	Audio output L	14	GND
4	Audio common GND	15	RGB red input
5	Video GND (RGB blue)	16	Fast Blanking signal (RGB switching)
6	Audio input L	17	Video output GND
7	RGB blue input	18	Video input GND
8	Switching voltage	19	Video output (CVBS out)
9	Video GND (RGB green)	20	Video input (CVBS in)
10	NC	21	Common GND
11	RGB green input		

### 14-2-8 Scart 2



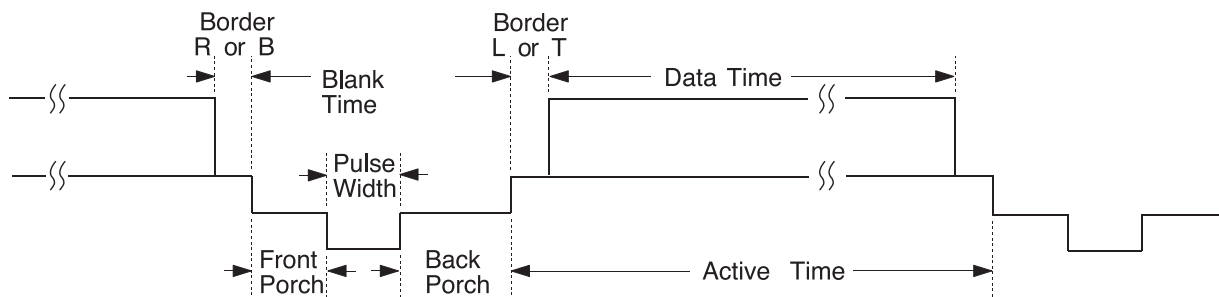
Pin	Signal	Pin	Signal
1	Audio output R	12	NC
2	Audio input R	13	Video GND (RGB red)
3	Audio output L	14	GND
4	Audio common GND	15	RGB red input
5	Video GND (RGB blue)	16	NC
6	Audio input L	17	Video output GND
7	RGB blue input	18	Video input GND
8	Switching voltage	19	Video output (CVBS out)
9	Video GND (RGB green)	20	Video input (CVBS in)
10	NC	21	Common GND
11	RGB green input		

## 14-3 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

### 14-3-1 LCD Panel Mode1 mode

Timing No.	LTA400W2
Originator	VESA
Mode Name	1366/60Hz
Resolution (HxV)	1366x768
HORIZONTAL	
Frequency	47.712kHz
Total time	20.959 $\mu$ s
Active time	15.906 $\mu$ s
Blank time	5.053 $\mu$ s
Border(L / R)	0.000 $\mu$ s
Data time	15.906 $\mu$ s
Front porch	0.749 $\mu$ s
Sync. width	1.702 $\mu$ s
Back porch	2.994 $\mu$ s
Sync. polarity	Positive
VERTICAL	
Frequency	60.015Hz
Total time	16.662 ms
Active time	16.097 ms
Blank time	0.566 ms
Border(T / B)	0.000 ms
Data time	16.097 ms
Front porch	0.063 ms
Sync. width	0.105 ms
Back porch	0.377 ms
Sync polarity	Positive
Dot Clock	85.500MHz
Sync. Type	Separate
Scan Type	N/I



## 14-3-2 Supported Modes (1)

Timing No.	2	3	11	17	32
Originator	IBM	IBM	VESA	VESA	MAC
Mode Name	VGA2	VGA3	640/72Hz	640/75Hz	640/67Hz
Resolution (HxV)	720x400	640x480	640x480	640x480	640x480
HORIZONTAL					
Frequency	31.469kHz	31.469kHz	37.861kHz	37.500kHz	35.000kHz
Total time	31.777μs	31.778μs	26.413μs	26.667μs	28.571μs
Activetime	26.058μs	26.058μs	20.825μs	20.317μs	21.164μs
Blank time	5.720μs	5.720μs	5.588μs	6.350μs	7.407μs
Border(L / R)	0.318μs	0.318μs	0.254μs	0.000μs	0.000μs
Data time	25.422μs	25.422μs	20.317μs	20.317μs	21.164μs
Front porch	0.318μs	0.318μs	0.508μs	0.508μs	2.116μs
Sync. width	3.813μs	3.813μs	1.270μs	2.032μs	2.116μs
Back porch	1.589μs	1.589μs	3.810μs	3.810μs	3.175μs
Sync. polarity	Negative	Negative	Negative	Negative	Negative
VERTICAL					
Frequency	70.087Hz	59.940Hz	72.809Hz	75.000Hz	66.667Hz
Total time	14.268ms	16.683ms	13.735ms	13.333ms	15.000ms
Active time	13.155ms	15.761ms	13.100ms	12.800ms	13.714ms
Blank time	1.113ms	0.922ms	0.635ms	0.533ms	1.286ms
Border(T / B)	0.222ms	0.254ms	0.211ms	0.000ms	0.000ms
Data time	12.711ms	15.253ms	12.678ms	12.800ms	13.714ms
Front porch	0.191ms	0.064ms	0.026ms	0.027ms	0.086ms
Sync. width	0.064ms	0.064ms	0.079ms	0.080ms	0.086ms
Back porch	0.858ms	0.794ms	0.528ms	0.427ms	1.114ms
Sync. polarity	Positive	Negative	Negative	Negative	Negative
Dot Clock	28.322MHz	25.175MHz	31.500MHz	31.500MHz	30.240MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I	N/I

## 14-3-3 Supported Modes (2)

Timing No.	13	14	18
Originator	VESA	VESA	VESA
Mode Name	800/60Hz	800/72Hz	800/75Hz
Resolution (HxV)	800x600	800x600	800x600
HORIZONTAL			
Frequency	37.879kHz	48.077kHz	46.875kHz
Total time	26.400 $\mu$ s	20.800 $\mu$ s	21.333 $\mu$ s
Activetime	20.000 $\mu$ s	16.000 $\mu$ s	16.162 $\mu$ s
Blank time	6.400 $\mu$ s	4.800 $\mu$ s	5.171 $\mu$ s
Border(L / R)	0.000 $\mu$ s	0.000 $\mu$ s	0.000 $\mu$ s
Data time	20.000 $\mu$ s	16.000 $\mu$ s	16.162 $\mu$ s
Front porch	1.000 $\mu$ s	1.120 $\mu$ s	0.323 $\mu$ s
Sync. width	3.200 $\mu$ s	2.400 $\mu$ s	1.616 $\mu$ s
Back porch	2.200 $\mu$ s	1.280 $\mu$ s	3.232 $\mu$ s
Sync. polarity	Positive	Positive	Positive
VERTICAL			
Frequency	60.317Hz	72.188Hz	75.000Hz
Total time	16.579ms	13.853ms	13.333ms
Active time	15.840ms	12.480ms	12.800ms
Blank time	0.739ms	1.373ms	0.533ms
Border(T / B)	0.000ms	0.000ms	0.000ms
Data time	15.840ms	12.480ms	12.800ms
Front porch	0.026ms	0.770ms	0.021ms
Sync. width	0.106ms	0.125ms	0.064ms
Back porch	0.607ms	0.478ms	0.448ms
Sync polarity	Positive	Positive	Positive
Dot Clock	40.000MHz	50.000MHz	49.500MHz
Sync. Type	Separate	Separate	Separate
Scan Type*	N/I	N/I	N/I

## 14-3-4 Supported Modes (3)

Timing No.	15	16	19	
Originator	VESA	VESA	VESA	VESA
Mode Name	1024/60Hz	1024/70Hz	1024/75Hz	1360/60Hz
Resolution (HxV)	1024x768	1024x768	1024x768	1360x768
HORIZONTAL				
Frequency	48.363kHz	56.476kHz	60.023kHz	47.712kHz
Total time	20.677 $\mu$ s	17.707 $\mu$ s	16.660 $\mu$ s	20.959 $\mu$ s
Activetime	15.754 $\mu$ s	13.653 $\mu$ s	13.003 $\mu$ s	15.906 $\mu$ s
Blank time	4.923 $\mu$ s	4.053 $\mu$ s	3.777 $\mu$ s	5.053 $\mu$ s
Border(L / R)	0.000 $\mu$ s	0.000 $\mu$ s	0.000 $\mu$ s	0.000 $\mu$ s
Data time	15.754 $\mu$ s	13.653 $\mu$ s	13.003 $\mu$ s	15.906 $\mu$ s
Front porch	0.369 $\mu$ s	0.320 $\mu$ s	0.323 $\mu$ s	0.749 $\mu$ s
Sync. width	2.092 $\mu$ s	1.813 $\mu$ s	1.219 $\mu$ s	1.702 $\mu$ s
Back porch	2.462 $\mu$ s	1.920 $\mu$ s	2.235 $\mu$ s	2.994 $\mu$ s
Sync. polarity	Negative	Negative	Positive	Positive
VERTICAL				
Frequency	60.004Hz	70.069Hz	75.029Hz	60.015Hz
Total time	16.666ms	14.272ms	13.328ms	16.662ms
Active time	15.880ms	13.599ms	12.795ms	16.097ms
Blank time	0.786ms	0.672ms	0.533ms	0.566ms
Border(T / B)	0.000ms	0.000ms	0.000ms	0.000ms
Data time	15.880ms	13.599ms	12.795ms	16.097ms
Front porch	0.062ms	0.053ms	0.017ms	0.063ms
Sync. width	0.124ms	0.106ms	0.050ms	0.105ms
Back porch	0.600ms	0.513ms	0.466ms	0.377ms
Sync polarity	Negative	Negative	Positive	Positive
Dot Clock	65.000MHz	75.000MHz	78.750MHz	85.500MHz
Sync. Type	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I

## 14-4 Panel Description

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LT140X1-002	BN07-00004A	SA	BN68-00239H	-
SEC	LT150XS-L01	BN07-00009A	SB		-
SEC	LT150XS-L01-B	BN07-00022A	SC		-
SEC	LTM150XS-L02	BN07-00005A	SD		-
SEC	LT181E2-132	BN07-00001A	SE		-
SEC	LT150XS-T01	BN07-00010A	SF		-
SEC	LTM181E3-132	BN07-00019A	SG		-
SEC	LT170E2-131	BN07-10001D	SH		-
SEC	LT181E2-131	BN07-10001E	SJ		-
SEC	LTM170E4-L01	BN07-00018A	SK		-
SEC	LTM240W1-L01	BN07-00015A	SL		-
SEC	LTM213U3-L01	BN07-00016A	SM		-
SEC	LTM150XH-L01	BN07-00026A	SN		-
SEC	LTM150XH-L03	BN07-00027A	SP		-
SEC	LTM150XS-L01	BN07-00032A	SQ		DELL(ZPD)
SEC	LTM181E4-L01	BN07-00034A	SR		PVA
SEC	LTM170EH-L01	BN07-00036A	SS		TN
SEC	LTM170E5-L01	BN07-00037A	SU		PVA
SEC	LTM150XH-L11	BN07-00041A	SV		-
SEC	LTM213U4-L01	BN07-00039A	SW		PVA
SEC	LTM150XH-L01(ZPD)	BN07-00045A	SX		ZPD
SEC	LTM150XH-L04	BN07-00046A	SY		New panel with high brightness
SEC	LTM170W1-L01	BN07-00047A	SZ		Panel for TV
SEC	LTM150XH-L06	BN07-00053A	EA		Panel for TV/ High luminance for 450cd _ SONY&EOS Team Panel for
TV					
SEC	LTM153W1-L01	BN07-00054A	EB		Use NIKE MODEL
SEC	LTM170EH-L05	BN07-00055A	EC		Panel EOS proj. for high brightness of 17" EH-L05
SEC	LTM170E5-L03	BN07-00056A	ED		Dell 1702FP pro. E4. EH mechanicalCompatible
SEC	LTM190E1-L01	BN07-00057A	EE		DELL 1900 FP
SEC	LTM181E5-L01	BN07-00061A	EF		18" narrow bezel GH18PS
SEC	LTM150XP-L01	BN07-00065A	EG		AMLCD PVA PANEL
SEC	LTM240W1-L02	BN07-00062A	EH		Panel for 15" Wide TV
SEC	LTM170EU-L01	BN07-00071A	EJ		Slim design, TN
SEC	LTM170E5-L04	BN07-00072A	EK		E5-L04 6 bits FRC... for IBM
SEC	LTA220W1-L01	BN07-00074A	EL		Panel for 22" TV
SEC	LTM170E6-L02	BN07-00075A	EM		AMLCD Narrow & slim design 17" PVAmode
SEC	LTM170W1-L01	BN07-00082A	EN		LTM170W1-L01 ZPD panel
SEC	LTM170EH-L01	BN07-00080A	EP		LTM170EH-L01 ZPD panel
SEC	LTM170E5-L01	BN07-00081A	EQ		LTM170E5-L01 ZPD panel
SEC	LTM170EH-L05	BN07-00083A	ER		LTM170EH-L05 ZPD panel
SEC	LTM170E5-L03	BN07-00084A	ES		LTM170E5-L03 ZPD panel
SEC	LTM170EU-L01	BN07-00085A	ET		LTM170EU-L01 ZPD panel
SEC	LTM170E5-L04	BN07-00086A	EU		LTM170E5-L04 ZPD panel
SEC	LTM170E6-L02	BN07-00087A	EV		LTM170E6-L02 ZPD panel
SEC	LTM150XH-L06	BN07-00091A	EW		Color coordinates change for LCD TV
SEC	LTM153W1-L01	BN07-00092A	EX		AMLCD WIDE 15",9/10
SEC	LTM170W1-L01	BN07-00100A	EY		Color Coordinates change code management
SEC	LTM170EH-L05	BN07-00097A	EZ		LTM170E5-L05 Color Coordinates Change Panel Code
SEC	LTA400W1-L01	BN07-00109A	S1		PANEL of AMLCD 40" TV
SEC	LTM153W1-L01	BN07-00110A	S2		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM150XH-L06	BN07-00111A	S3		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170W1-L01	BN07-00112A	S4		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170EH-L05	BN07-00113A	S5		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM220W1-L01	BN07-00114A	S6		ZPD Panel for AMLCD 22" TV
SEC	LTM150XH-L06	BN07-00117A	S7		ZPD Panel code
SEC	LTM153W1-L01	BN07-00118A	S8		ZPD Panel code
SEC	LTM170WP-L01	BN07-00119A	S9		PVA Panel for NIKE
SEC	LTM213U4-L01	BN07-00039A	E1		21.3" NARROW
SEC	LTA260W1-L01	BN07-00121A	E2		VENUS
SEC	LTA220W1-L01	BN07-00074B	E3		Panel B-level panel code for 22" TV Panel
SEC	LTA320W1-L01	BN07-00108A	E4		Panel for AMLCD 32" TV
SEC	LTM213U4-L01	BN07-00124A	E5		NARROW BEZEL 21 " PANEL
SEC	LTM170E6-L04	BN07-00129A	E6		HIGHLAND 17" LOW PANEL (Panel only for TCO03)
SEC	LTM190E1-L01	BN07-00088A	E7		LTM190E1-L01 ZPD panel
SEC	M150X4-L06	BN07-00137A	E8		15" Narrow & Slim panel

## 14 Reference Infomation

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA170V1	BN07-00139A	E9		17" Panel for Muse 4:3 VGA TV
SEC	LTM190E1-L02	BN07-00128A	E10		New Panel from AMLCDI, Specification : 6bit Driver IC
SEC	LTM170EX-L01	BN07-00143A	E11		Development new Panel from AMLCD
SEC	LTM170E8-L01	BN07-00144A	E12		Development new Panel from AMLCD
SEC	LTM170E6-L04	BN07-00129B	E13		ZPD panel for AMLCD (Panel only for TCO03)
SEC	LTA320W1-L02	BN07-00108B	E14		Creat B-level Panel code for AMLCD 32" TV
SEC	LTM190E1-L03	BN07-00151A	E15		Development new 19" Panel form AMLCD (Panel only for TCO03)
SEC	LTM240W1-L03	BN07-00134A	E16		AMLCD 24" panel development
SEC	LTM190E1-L02	BN07-00128B	E17		New Panel from AMLCD, Specification : 6bit Driver IC(ZPD)
SEC	LTM190E4-L01	BN07-00145A	E18		AMLCD 24" new panel development
SEC	LTM170E8-L01	BN07-00158A	E19		ZPD code derivation
SEC	LTM170EX-L01	BN07-00159A	E20		ZPD code derivation
SEC	LTM190E1-L03	BN07-00151B	E21		Creat new panel code for AMLCD 19" (Panel only for TCO03)
SEC	LTA460H1-L01	BN07-00157A	E22		creat panel code for AMLCD 46" TV
SEC	LTM170EU-L11	BN07-00160A	E23		creat new panel code for AMLCD 17" (Panel only for TCO03)
SEC	LTM240W1-L03	BN07-00134B	E24		24" panel ZPD code derivation
SEC	LTM190E4-L01	BN07-00145B	E25		AMLCD 19" ZPD Panel code derivation
SEC	LTM240W1-L03	BN07-00134B	E26		24" panel ZPD code derivation
SEC	LTM150XO-L01	BN07-00164A	E27		AMLCD 15" XO-L01 new panel development
SEC	LTM150XO-L01	BN07-00164B	E28		AMLCD 15" XO-L01 ZPD code derivation
SEC	LTM170EU-L11	BN07-00160B	E29		AMLCD 17" NEW panel code derivation
SEC	LTA320W2-L01	BN07-00172A	SPZ		AMLCD 32" NEW panel
SEC	LTM213U4-L01	BN07-00124B	SPZ		21.3" Narrow PANEL ZPD Panel derivation
SEC	LTM170EU-L11	BN07-00189A	STH		AMLCD EU-L11 Pb free panel code derivition
SEC	LTM170EU-L11	BN07-00189B	STZ		AMLCD EU-L11 Pb free panel ZPD code derivation
SEC	LTM240W1-L04	BN07-00188A	SPH		24" A-DCC NEW panel
SEC	LTM240W1-L04	BN07-00188B	SPZ		24" A-DCC panel ZPD code derivation
SEC	LTM190EX-L01	BN07-00191A	STH		AMLCD 19" TN NEW Panel
SEC	LTM190EX-L02	BN07-00191B	STZ		AMLCD 19" TN NEW Panel ZPD
SEC	LTA230W1-L02	BN07-00184A	SPZ		AMLCD 23" 16:9 NEW Panel
SEC	LTA260W2-L01	BN07-00185A	SPZ		AMLCD 26" 16:9 NEW Panel
SEC	LTA400W2-L01	BN07-00186A	SPZ		AMLCD 40" 16:9 NEW Panel
SEC	LTM240M1-L01	BN07-00195A	SPH		24" high brightness panel
SEC	LTM150XO-L01	BN07-00197A	STH		AMLCD 15" XO-L01 Pb free panel code
SEC	LTM150XO-L01	BN07-00197B	STZ		AMLCD 15" XO-L01 Pb free panel ZPD code
SEC	LTM170EU-L21	BN07-00202A	STZ		AMLCD EU-L21 ZPD NEW code derivation
SEC	LTA460W2-L03	BN07-00187A	SPZ		BEETOVEN 46"ZPD NEW Panel
SEC	LTM240M1-L01	BN07-00195B	SPZ		24" high brightness panel ZPD code derivation
SEC	M170EX-L21	BN07-00206A	STZ		AMLCD LTM170EX-L21 ZPD NEW code derivation
SEC	LTA460H3-L01	BN07-00200A	SPZ		AMLCD 46" LED BLU panel
SEC	LTM170EU-L15	BN07-00214A	STZ		High brightness For AMLCD EU-L15 TV ZPD NEW code derivation
SEC	LTM170E8-L21	BN07-00218A	SPZ		AMLCD LTM170E8-L21 PVA ZPD NEW code derivation
SEC	LTM190EX-L21	BN07-00222A	STZ		DISPLAY LCD
SEC	LTM201U1-L01	BN07-00190B	SPZ		AMLCD 20.1" Normal panel ZPD code derivation
SEC	LTM190E4-L21	BN07-00223A	SPZ		HAYDN 17" PZD code PANELderivation
SEC	LTA570H1-L01	BN07-00196A	SPZ		AMLCD 57" NEW Panel
SEC	LTM150XO-L21	BN07-00229A	STZ		AMLCD 15" XO-L21 8ms panel code
SEC	LTA260W2-L11	BN07-00239A	SPZ		AMLCD 26" 16:9 7Line NEW Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% NEW Panel
SEC	LTM213U6-L01	BN07-00231A	SPZ		AMLCD 21.3" PVA NEW Panel Code
SEC	LTM213U6-L01	BN07-00231B	SPH		AMLCD 21.3" PVA Panel HPD Code
SEC	LTA320WS-LH2	BN07-00244A	SPZ		AMLCD 32" 16:9 SPVA 90% NEW Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% NEW Panel
SEC	LTM190M2-L01	BN07-00227A	STZ		AMLCD 19" TN Wide NEW Panel Code
SEC	LTM201UX-L01	BN07-00249A	STZ		AMLCD 20.1" TN NEW Panel Code
SEC	LTM240M1-L02-A05	BN07-00250A	SPZ		24" High brightness Slim panel ZPD code derivation
SEC	LTA320W3-L02	BN07-00219A	SPZ		AMLCD 32" NEW FFL Panel
SEC	LTA320W2-L11	BN07-00259A	SPZ		IP Board for AMLCD 32" 16:9 NEW Panel
SEC	LTA460WS-L02	BN07-00252A	SPZ		AMLCD 46" 16:9 SPVA 72% NEW Panel
SEC	LTA400WT-L01	BN07-00264A	SPZ		-
SEC	LTM240M2-L02	BN07-00267A	SPZ		All LCD Monitor 24" wide SPVA ZPD NEW code derivation
SEC	LTM210M2-L02	BN07-00230A	SPZ		-
SEC	LTA320WT-L11	BN07-00257A	SPZ		-
SEC	LTM190EX-L21-G	BN07-00274A	STZ		AMLCD 19" TN Glare NEW Panel Code
SEC	LTA320WT-L14	BN07-00247A	SPZ		-



Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTM190M2-L01-D016	BN07-00280A	STZ		AMLCD 19" TN Wide change Gamma Panel Code
SEC	LTM190EX-L31	BN07-00279A	STZ		AMLCD 19" TN NEW Panel Code
SEC	LTM190M2-L02	BN07-00287A	STZ		AMLCD 19" TN Wide High brightness NEW Panel Code
SEC	LTA400WS-L01	BN07-00246A	SPZ		Display-LCD (Div) 07AH
SEC	LTA460WS-L01	BN07-00311A	SPZ		-
SEC	LTM190E4-L31	BN07-00316A	SPZ		-
SEC	LTM170EX-L31	BN07-00278A	STZ		AMLCD LTM170EX-L31 ZPD
SEC	LTA460HS-LH1	BN07-00291A	SPZ		AMLCD 46" 16:9 FHD / 60Hz / 8bit / SPVA 92%
SEC	LTA320WT-LF1	BN07-00323A	SPZ		-
SEC	LTA460WT-L02	BN07-00284A	SPZ		AMLCD 46" 16:9 HD / 60Hz / 8bit / SPVA 72% /
SEC	LTA400WH-LH1	BN07-00271A	SPZ		AMLCD 40" 16:9 SPVA 92% 10bit 120Hz
SEC	LTM240M1-L02-D015	BN07-00331A	SPZ		-
SEC	LTM300M1-P01	BN07-00326A	SPZ		
CPT	CLAA150XG09	BN07-00141A	PA		CPT 15" Monitor new panel development
CPT	CLAA170EA02	BN07-00148A	PB		17" CPT NEW development panel
CPT	CLAA170EA02	BN07-00148B	PC		17" CPT ZPD panel code derivation
CPT	CLAA150XG09	BN07-00141B	PTZ		CPT 15" panel ZPD code derivation (GOYA-PJT)
CPT	CLAA150XP01	BN07-00173A	PTH		CPT 15" PSWG code derivation
CPT	CLAA150XP01	BN07-00173B	PTZ		CPT 15" PSWG panel ZPD code derivation
CPT	CLAA170EA07	BN07-00174A	PTH		CPT 17" PSWG code derivation
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17" PSWG type New Panel code
CPT	CLAA170EA07Q	BN07-00220A	PTZ		CPT 17" PSWG R/T 8msec code derivation
CPT	CLAA170EA07Q	BN07-00220B	PTH		CPT 17" PSWG R/T 8msec HPD code derivation
CPT	CLAA150XP01F	BN07-00236A	PTZ		CPT 15" PSWG panel ZPD & Lead free code derivation
CPT	CLAA201WA03Q	BN07-00269A	PTZ		CPT 20.1" wide TN ZPD New code derivation
CPT	CLAA320WA01	BN07-00276A	PMZ		CPT 32" 16:9 MVA 8bit 60Hz / Panel brown
CPT	CLAA170ES01	BN07-00261A	PTZ		CPT 17" Slim TN ZPD Type New code derivation
CPT	CLAA070VA02	BN07-00265A	PTZ		CPT Panel code derivation for Digital Album
TOSHIBA	LTM15C419(A)	BN07-00002A	TA		-
TOSHIBA	LTM15C423(B)	BN07-00006A	TB		-
TOSHIBA	LTM18C161	BN07-00008A	TC		-
TOSHIBA	LTM15C443	BN07-00031A	TD		-
TOSHIBA	LTM15C458	BN07-00043A	TE		-
TOSHIBA	LTM15C458S	BN07-00077A	TF		TSB 15" high brightness Panel
TOSHIBA	LTM15C458	BN07-00078A	TG		Toshiba ZPD panel
TOSHIBA	LTM15C458S	BN07-00099A	TH		TSB LTM15C458S ( ZPD )
HANNSTAR	HSD150MX41A(A)	BN07-00020A	NA		TTL type
HANNSTAR	HSD150MX12	BN07-00030A	NB		TTL type
HANNSTAR	HSD170ME13	BN07-00180A	NTH		Hannstar 17" TN new panel development
HANNSTAR	HSD170ME13	BN07-00180B	NTZ		Hannstar 17" TN new panel development ZPD code derivation
HANNSTAR	HSD190ME12	BN07-00210A	NTZ		Hannstar 19" TN new panel development
HANNSTAR	HSD150MX17-A	BN07-00226A	NTZ		Hannstar 15" slim panel ZPD code derivation
HANNSTAR	HSD190ME12-A10	BN07-00256A	NTZ		Hannstar 19" TN PSWG 8ms new panel development
HANNSTAR	HSD190ME13-D11	BN07-00270A	NTZ		Hannstar 19" TN Slim 5ms new panel development
HANNSTAR	HSD190ME13-A13	BN07-00317A	NTZ		
TORISAN	TM150XG-22L03(A)	BN07-00021A	RA		-
TORISAN	TM150XG-26L06	BN07-00042A	RB		-
TORISAN	TM181SX-76N01	BN07-00048A	RC		-
TORISAN	TM150XG-26L06	BN07-00059A	RD		15" XGA TN MODE(ZPD)
TORISAN	TM290WX-71N31	BN07-00063A	RE		RS24NS (TORISAN 29" NEW PANEL)
TORISAN	TM396WX-71N31	BN07-00064A	RF		RS24NS (TORISAN 40" NEW PANEL)
TORISAN	TM150XG-26L09	BN07-00073A	RG		Panel for 15" TV
TORISAN	TM150XG-26L10	BN07-00089A	RH		L10(change except D/IC) ZPD
TORISAN	TM150XG-26L10	BN07-00090A	RJ		L10 NORMAL
TORISAN	TM190SX-70N01	BN07-00098A	RK		Torisan 19" Panel
TORISAN	TM181SX-76N01	BN07-00106A	RL		ZPD Panel code
TORISAN	TM190SX-70N01	BN07-00107A	RM		ZPD Panel code
TORISAN	TM290WX-71N31	BN07-00115A	RN		Color Coordinates change panel for TORISAN 29" TV
TORISAN	TM396WX-71N31	BN07-00116A	RP,Q		Color Coordinates change panel for TORISAN 40" TV
TORISAN	TM220WX-71N31	BN07-00125A	RR		Development TORISAN 22" TV PANEL (ZPD)
TORISAN	TM220WX-71N31	BN07-00127A	RS		Development TORISAN 22" TV PANEL (HPD)

## 14 Reference Infomation

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
TORISAN	TM396WX-71N32A	BN07-00150A	RT		120V inverter Exclusive panel
TORISAN	TM190SX-70N02	BN07-00154A	RMH		Torisan 6bit panel code Derivation
TORISAN	TM190SX-70N02	BN07-00154B	RMZ		Torisan 6bit panel code Derivation
TORISAN	TM150XG-A01	BN07-00162A	RTH		Torisan 15" Narrow & Slim panel development
TORISAN	TM150XG-A01	BN07-00162B	RTZ		Torisan 15" N&S panel ZPD code derivation
SHARP	LQ181E1DG11(A)	BN07-10001C	PA		-
SHARP	LQ150X1LW71	BN07-00067A	PB		SHARP 15" PVA PANEL
SHARP	LQ370T3LZ41	BN07-00216A	FAZ		Rome2
HITACHI	TX38D12VC0CAA(A)	BN07-00003A	HA		-
HITACHI	TX43DVCOCAB	BN07-00060A	HB		17" SXGA PVA MODE
HITACHI	TX43D15VC0CAB	BN07-00101A	HC		ZPD Panel
HITACHI	TX51D11VC0CAB	BN07-00122A	HD		20.1" NARROW
HITACHI	TX54D11VC0CAB	BN07-00123A	HE		21.3" NARROW
HITACHI	TX80D12VC0CAB	BN07-00169A	HIZ		Development new panel for Hitachi 32" TV (ZPD)
HITACHI	TX54D11VC0CAB	BN07-00123B	HIZ		Hitachi 21.3"ZPD panel
IBM	ITSX94S	BN07-00017A	IA		-
UNIPAC	UM170E0	BN07-00028A	UA		Loaded by cisdba
HYUNDAI	HT15X13	BN07-00035A	DA		-
HYUNDAI	HT17E11-200	BN07-00049A	DB		TN MODE
HYUNDAI	HT17E11-300	BN07-00093A	DC		HT17E11-300 ZPD panel
HYUNDAI	HT17E11-400	BN07-00094A	DD		HT17E11-400 normal panel
HYUNDAI	HT17E11-400	BN07-00095A	DE		HT17E11-400 ZPD panel code
HYUNDAI	HT17E12	BN07-00096A	DF		HT17E12 ( Narrow & slim Design )
HYUNDAI	HT17E12	BN07-00105A	DG		ZPD Panel code
HYUNDAI	HT15X15-D00	BN07-00146A	DH		Development for Ares 15" Hydys TV
HYUNDAI	HT15X15-D01	BN07-00146B	DJ		Derivation panel HPD for Ares 15" Hydys TV
HYUNDAI	HT17E13-100	BN07-00167A	DTH		PINEHURST-2(IBM) PJT 17" HYDIS PANEL Derivation
HYUNDAI	HT17E13-100	BN07-00167B	DTZ		PINEHURST-2(IBM) Hydys 17" ZPD code Derivation
HYUNDAI	HT170EX1-100	BN07-00240A	DTZ		17" EX compatible Hydys Slim panel development
HYUNDAI	HT201V01-100	BN07-00263A	DTZ		Hydis 20.1" 4:3 VGA Mode TN NEW Panel
HYUNDAI	HT170EX1-101	BN07-00266A	DTZ		17" EX compatible Hydys Slim panel multi channel IC NEW Derivation
ACER	L170E3	BN07-00044A	AA		TN(ADT)
ACER	M170EN05	BN07-00076A	AB		AU 17" Panel ( Narrow & slim design )
ACER	M170EN05	BN07-00102A	AC		ZPD Panel code
ACER	M190EN02	BN07-00170A	AMH		AU Monitor 19" new panel development (P19-1S)
ACER	M190EN02	BN07-00170B	AMZ		AU 19" ZPD code derivation (ZPD)
ACER	M170EN06	BN07-00171A	ATH		AU Monitor 17" New panel development
ACER	T260XW01	BN07-00163A	AMZ		AU 26" new panel development (NF26EO)
ACER	A201SN01	BN07-00177A	ATZ		AU TV panel 20.1" TN SVGA new panel development
ACER	M170EN06	BN07-00171B	ATZ		AU Monitor 17" ZPD code Derivation
ACER	T315XW01	BN07-00194A	AMZ		New AU 32"
ACER	M170EG01	BN07-00192A	ATH		AU TN PSWG type New Panel code
ACER	M170EG01	BN07-00192B	ATZ		AU TN PSWG type New Panel ZPD Derivation code
ACER	M190EN04	BN07-00203A	ATH		AU Monitor 19" ZPD New code Derivation
ACER	T260XW02	BN07-00208A	AMZ		AUO 26"
ACER	M170EG01 V8	BN07-00221A	ATZ		AU TN PSWG type New Panel (8msec) ZPD Derivation code
ACER	T260XW02	BN07-00233A	AMZ		AUO 26" New Panel (Cosmetic spec down grade)
ACER	T315XW01	BN07-00234A	AMZ		AUO 32" New Grade (Cosmetic spec down grade)]
ACER	M190EN03	BN07-00224A	AMZ		AU Monitor 19" MVA New code Derivation
ACER	T315XW01	BN07-00237A	AMZ		New LCD TV VE project : delete DBEF sheet * Panel, model division ve
ACER	T315XW01	BN07-00238A	AMZ		New LCD TV VE project : delete DBEF sheet + &#039;A-&#039; grade * Panel
ACER	M201UN02 V3	BN07-00168A	AMZ		-
ACER	M201UN02 V3	BN07-00168B	AMH		-
ACER	M190EN04 V7	BN07-00248A	ATZ		AU Monitor 19" TN Glare ZPD New code Derivation
ACER	A070VW01	BN07-00235A	ATZ		New Panel code Derivation for Digital Album
ACER	T315XW01	BN07-00253A	AMZ		LCD TV VE item model * Panel, Model division add version: T315XW01
ACER	T260XW02	BN07-00254A	AMZ		AUO 26" VE item apply model
ACER	M170EU01	BN07-00260A	ATZ		AUO 17" Slim TN ZPD Type New code Derivation
ACER	T370XW01	BN07-00255A	AMZ		for ROME 37" model development

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
ACER	T315XW02(V3),	BN07-00324A	AMZ		-
ACER	A201SN02 V5	BN07-00314A	ATZ		
CHIMEI	M170E3-L01	BN07-00050A	CA		TN PANEL
CHIMEI	M150X3-L01	BN07-00051A	CB		COMPATIBLE
CHIMEI	M170E4-L01	BN07-00052A	CC		MVA PANEL
CHIMEI	M150X2-L01	BN07-00066A	CD		CHIME 15" PVA PANEL
CHIMEI	M150X3-L01	BN07-00079A	CE		Chimei ZPD panel
CHIMEI	M170E3-L01	BN07-00103A	CF		ZPD Panel code
CHIMEI	M170E4-L01	BN07-00104A	CG		ZPD Panel code
CHIMEI	V296W1-L01	BN07-00120A	CH		MVA
CHIMEI	M170E6-L02	BN07-00126A	CJ		HIGHLAND 17" LOW PANEL
CHIMEI	M190E2-L01	BN07-00131A	CK		GH19AS,BS CHIMEI PANEL
CHIMEI	M150X4-L06	BN07-00137A	CL		15" Narrow & Slim panel
CHIMEI	M170E6-L01	BN07-00133A	CM		2003-03-11 vendor change
CHIMEI	M170E6-L01	BN07-00133B	CN		ZPD derivation panel
CHIMEI	V201V1-T01	BN07-00135A	CP		CHIMEI 20.1" panel development
CHIMEI	M170E6-L02	BN07-00126B	CQ		HIGHLAND 17" LOW PANEL ZPD derivation panel
CHIMEI	M170E6-L05	BN07-00152A	CR		CMO 17" new panel development code
CHIMEI	M170E6-L05	BN07-00152B	CS		CMO 17" ZPD panel code derivation
CHIMEI	M150X4-L06	BN07-00137B	CT		Chimei 15" Narrow & Slim panel ZPD derivation
CHIMEI	M170E5-L05	BN07-00165A	CTH		CMO 17" new panel development code (GOYA2-PJT)
CHIMEI	M170E5-L05	BN07-00165B	CTZ		CMO 17" ZPD panel(GOYA2-PJT)
CHIMEI	V230W1-L02	BN07-00209A	CMZ		CMO 23" new development
CHIMEI	V320B1-L01	BN07-00207A	CMZ		CMO 32" new development
CHIMEI	V270W1-L01	BN07-00136A	CMZ		CHI MEI 27" panel development
CHIMEI	M190E5-L0A	BN07-00213A	CTZ		-
CHIMEI	M190E3-L0A	BN07-00212A	CMZ		CMO M190E3-L0A MVA Type New code derivation
CHIMEI	M170E7-L01	BN07-00232A	CTZ		CMO 17" Slim TN ZPD Type New code derivation
CHIMEI	M190A1-L01	BN07-00228A	CTZ		CMO 19" Wide TN ZPD Type New code derivation
CHIMEI	V201V1-T03	BN07-00275A	CTZ		CMO 20.1" (V201V1-T01) VE model
CHIMEI	M201P1-L01	BN07-00268A	CTZ		CMO 20.1" TN ZPD derivation
CHIMEI	M220Z1-L01	BN07-00321A	CTZ		
CHIMEI	M190E5-L0G	BN07-00337A	CTZ		
NEC	SVA150XG04TB	BN07-00225A	BTZ		SVA NEC 15" panel ZPD code
NEC	SVA170SX01TB	BN07-00272A	BTZ		SVA NEC 17" panel ZPD code Brown

## Memo

# 1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

## 1-1 Safety Precautions

### 1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

### 1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

### 1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):  
**WARNING:** Do not use an isolation transformer during this test.

Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

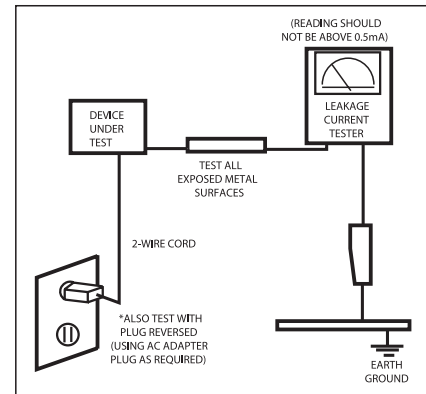


Figure 1-1. Leakage Current Test Circuit

### 1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by  $\triangle$  on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

## 1 Precautions

### 1-2 Servicing Precautions

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**WARNING:** An electrolytic capacitor installed with the wrong polarity might explode.

**Caution:** Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

**Note:** If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

#### 1-2-1 General Servicing

##### Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:  
(a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.  
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

### 1-3 Static Electricity Precautions

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Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as anti-static can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.  
**Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.**
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

## 1-4 Installation Precautions

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1. For safety reasons, more than two people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.
4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.
5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.
6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the high-voltage cable or the antenna falling over may cause fire or electric shock.
7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes.  
A rise in temperature within the product may cause fire.

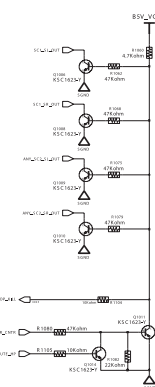


1 Precautions

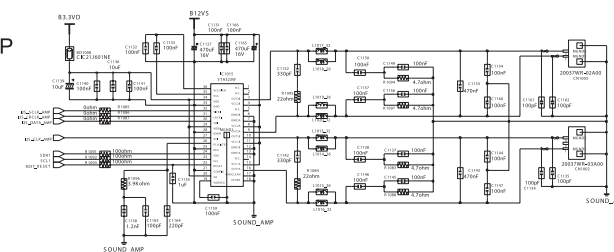
Memo

### 9-1 Power\_Sound Schematic Diagram

## SOUND



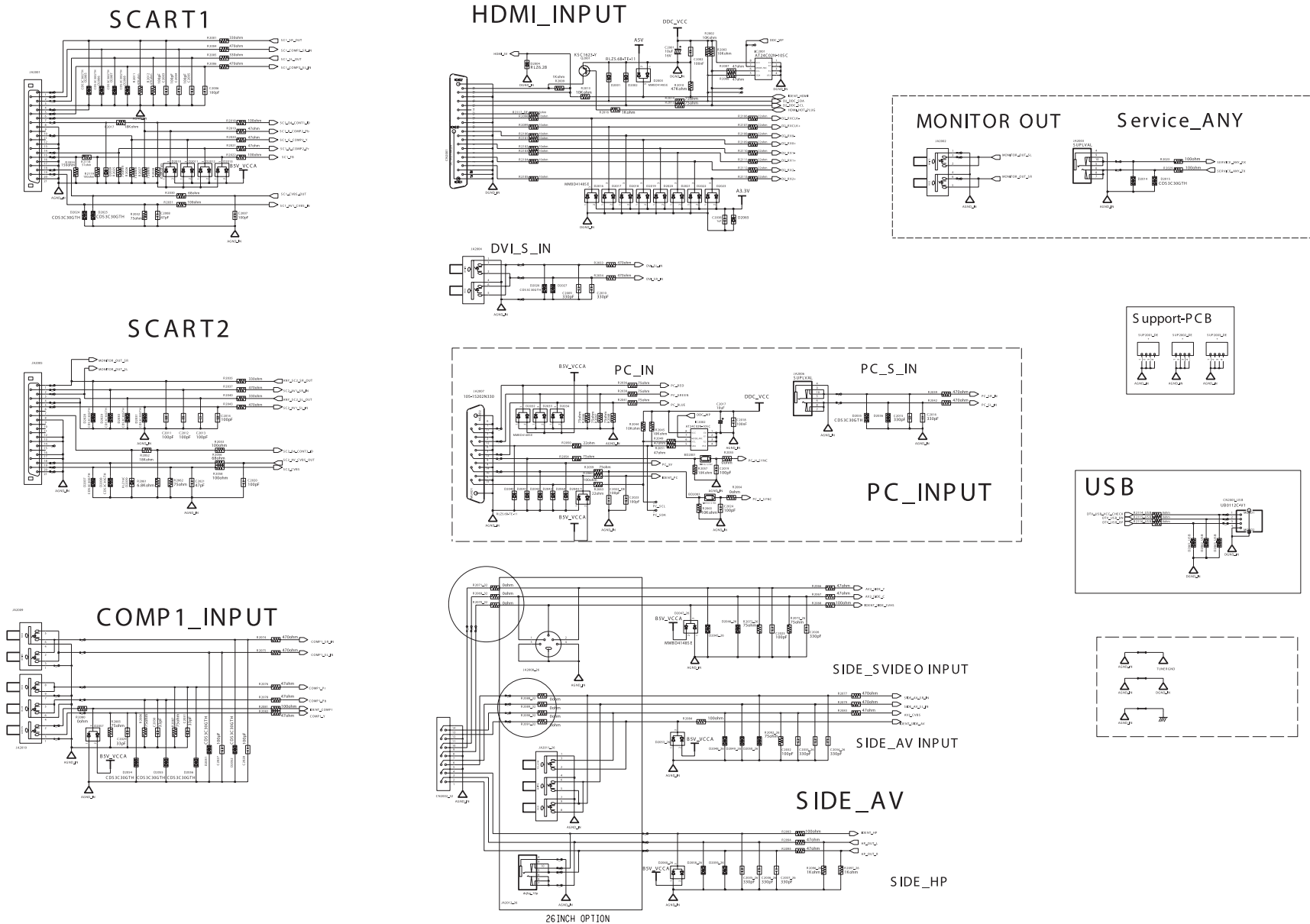
SOUND AMP



## 9 Schematic Diagrams

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### 9-2 Schematic Diagram

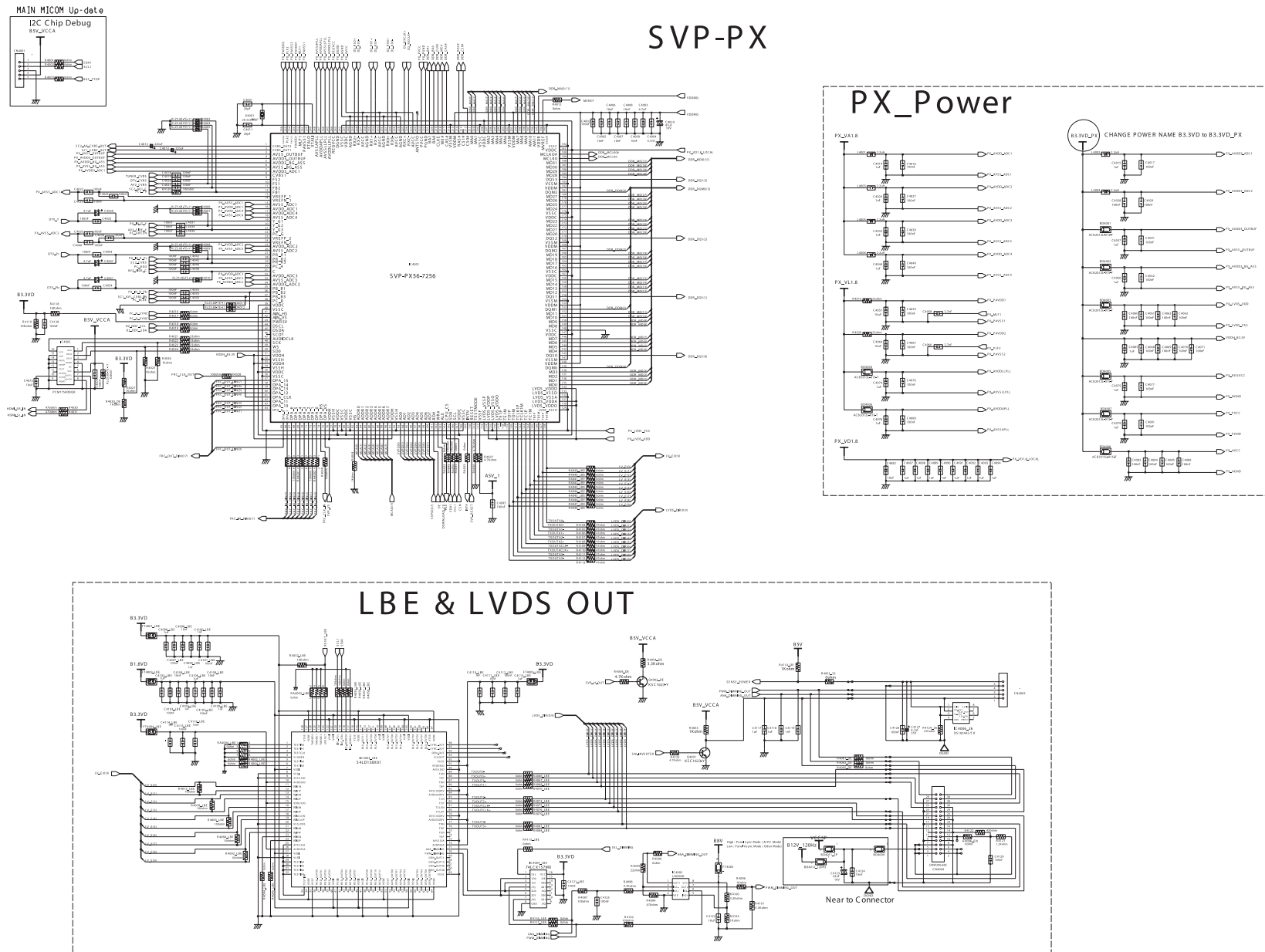




## 9 Schematic Diagrams

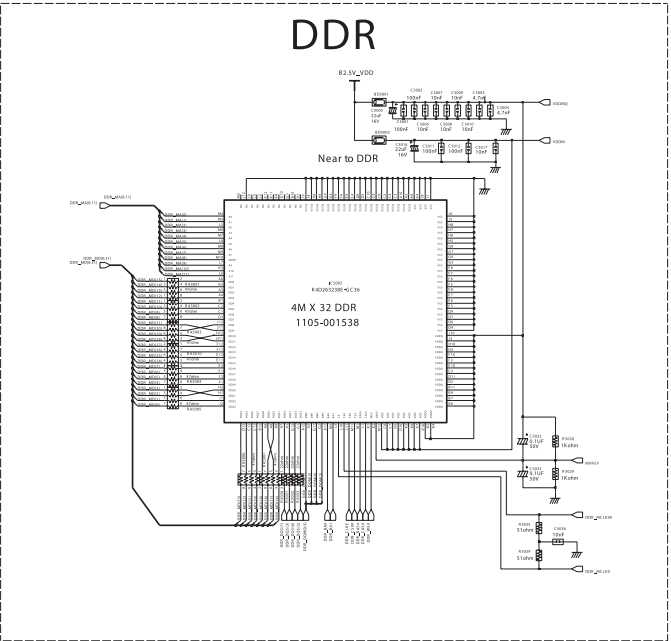
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### 9-4 SVP-PX/PX-Power/LBE-Option Schematic Diagram

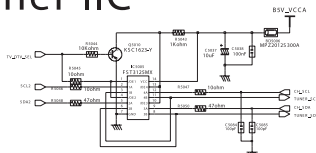


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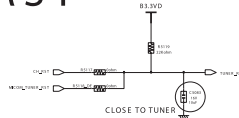
# 9-5 Application Schematic Diagram



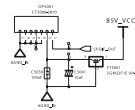
## Tuner IIC



## Tuner RST

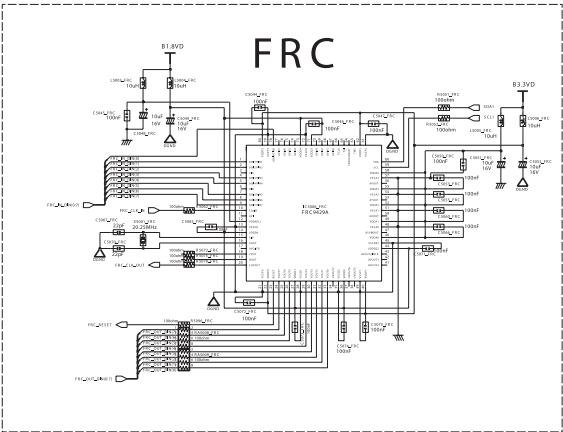
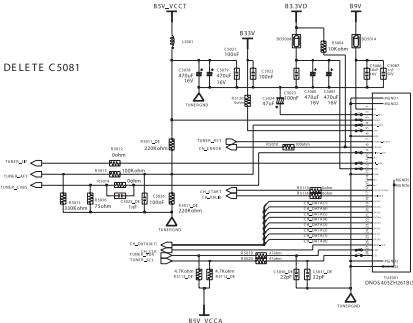


## SPDIF OUT

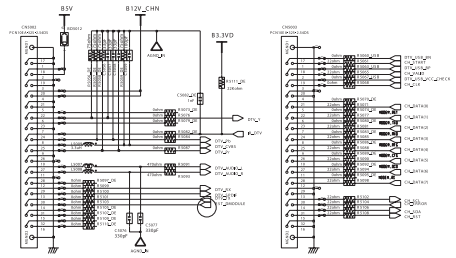


## TUNER

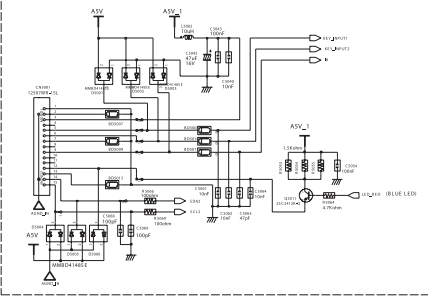
DELETE C5081



## DTV CONNECTION



## Function



Memo