



## TFT-LCD TV

Chassis      GSM27SE  
                 GSM32SE  
                 GSM37SE  
                 GSM40SE

Model        LE27S71B  
                 LE32S71B  
                 LE37S71B  
                 LE40S71B

# *SERVICE* Manual

### TFT-LCD TV



### Fashion Feature

- Luxurious Slim Design
- Supreme Picture Quality
- Supreme Sound Quality
- Supreme Convenience Quality
- Convenience for Users

# 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).

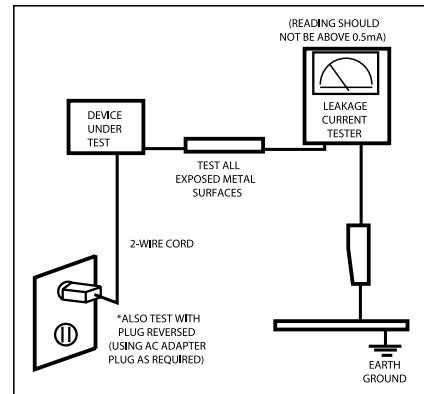


Figure 1-1. Leakage Current Test Circuit

### 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 ⚠ 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.



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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.

## 2-2 LE27S71B Specifications

Item	Description	
LCD Panel	LCD Panel : TFT-LCD Panel, RGB Vertical stripe, normally black, 27-Inch viewable, 0.1455(H)*0.4365(V)mm Pixel Pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7M colors	
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	596.3 mm / 335.2 mm	
AC power voltage & Frequency	AC 220 ~ 240 V, 60/50 Hz	
Power Consumption	100 W < 1W	
Dimensions(W x D x H) Set	769 x 226 x 526 mm(30.27 x 8.89 x 20.70 inches) After installation Stand 769 x 79 x 471 mm(30.27 x 3.11 x 18.54 inches) Without stand	
Weight Set(After installation Stand)	10.4 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	

## 2-3 LE32S71B 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 colors	
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	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	152 W < 1W	
Dimensions(W x D x H) Set	892.5 x 249 x 615 mm(35.13 x 9.8 x 24.21 inches)After installation Stand 892.5 x 82 x 544 mm(35.13 x 3.22 x 21.41 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 : 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 LE37S71B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 37-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	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	170 W < 1W	
Dimensions(W x D x H) Set	800 x 252 x 602.5 mm(31.5 x 9.92 x 23.72 inches)After installation Stand 800 x 79.6 x 564 mm(31.5 x 3.13 x 22.20 inches) Without stand	
Weight Set(After installation Stand)	14.8 kg (32.6 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 LE40S71B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.648(H) x 0.216(V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16,777,216 colors	
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	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	205 W < 1W	
Dimensions(W x D x H) Set	1100.5 x 330 x 732.5 mm(43.32 x 12.99 x 28.83 inches) After installation Stand 1100.5 x 95 x 661 mm(43.32 x 3.74 x 26.02 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	

## 2-6 Spec Comparison

Model	LE26R51B / LE32R51B / LE40R51B	LE27S71B / LE32S71B / LE37S71B / LE40S71B
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	140W / 184W / 285W	100W / 152W / 170W / 205W
Power Saving	< 1W	< 1W

## 2-7 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00507A	
	Power Cord	3903-000042	
	Cleaning Cloth	BN63-001798A	
	Owner's Instructions	BN68-00983A	
	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	

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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 LE26,32R7\*\*, You have to check Panel Maker Because of different adjustments as follows.  
First of all, Check the label rating!

#### 1) Label Rating File



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

Panel BOM(Bill of material) : BN07-00289A  
Connector between Panel and Power Unit  
: BN39-00603M (300mm)

\* Option Byte

1. Gamma "AUO"
2. Panel Option "AUO"

If Panel Mark is "S" or not printed.  
Set the factory mode indicating as follows.

Panel BOM(Bill of material) : BN07-00247A  
Connector between Panel and Power Unit  
: BN39-00603M (300mm)

\* Option Byte

1. Gamma "AMLCD"
2. Panel Option "AMLCD\_INT"

If Panel Mark is "C" , Set the Factory mode indicating as follows.

Panel BOM(Bill of Material) : BN07-00207A  
Connecotor between Panel and Powe Unit :  
BN39-00659A(200mm)

\* Option Byte

1. Gamma " CMO "
2. Panel Option " CMO "

Others are same shown below.

### 3-3 Factory Data

1. Calibration  
 2. Option Table      XXXX XXXX  
 3. White Balance  
 4. SVP-FX  
 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-MILMPEU-1006 (Main Micom Ver)  
 T-MILMPEUS-1002 (Sub Micom Ver)  
 Month / Day / Year / Hour / Min. / Sec.

1. Calibration  
     1) AV Calibration  
     2) DTV Calibration  
     3) PC Calibration

2. Option Table      XXXX XXXX

Inch Option	32"	Carrier Mute	ON	TTX Group	Auto
Gamma	OFF	Language	English	Auto Power	ON
Panel Option	AMLCD_INT	Auto FM	ON	----	OFF
2HDMI	OFF	High Deviation	OFF	----	G
Brt.Sensor	OFF	TTX	ON	----	OFF
EnergySave	ON	TTX List	ON	Debug	OFF
LBE/FBE	OFF	ACR	OFF	Ch.Table	SUWON
FRC(Micronas)	OFF	Dynamic CE	ON	iDTV_Cntry	UK
FRC(Samsung)	OFF	Dynamic Dimming	ON	Dynamic Contrast	OFF
LNA	OFF	Tuner TOP	10		

### 3 Alignments and Adjustments

#### 3. White Balance

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

#### 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	V-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	Praking f0	0 ~ 255			80h			x

##### 3. NR

No	Item	Range	EEPROM	TV/AV/S_Video	Component	PC	DVI/HDMI	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	DVI/HDMI	Control IC	Remark
1	Motion	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( <b>78h</b> )	78h	78h	78h
2	TCD3 Brightness	0 ~ 255		AV Calibration( <b>20h</b> )	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( <b>80h</b> )	80h	80h
8	Analog PR offset	00 ~ 255		80h	DTV Calibration( <b>80h</b> )	80h	80h
9	Analog Y Gain	00 ~ 255		D6h	DTV Calibration( <b>D6h</b> )	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)	X	PC Calibration( <b>128</b> )	X
2	G-Offset	00 ~ 255		151(SC1 RGB)		PC Calibration( <b>128</b> )	
3	B-Offset	00 ~ 255		151(SC1 RGB)		PC Calibration( <b>128</b> )	
4	R-Gain	00 ~ 255		123(SC1 RGB)		PC Calibration( <b>192</b> )	
5	G-Gain	00 ~ 255		123(SC1 RGB)		PC Calibration( <b>192</b> )	
6	B-Gain	00 ~ 255		123(SC1 RGB)		PC Calibration( <b>192</b> )	

##### 6. MSP34X0/44XX

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	I2S_1 Prescale	00 ~ 255		10h
7	I2S_2 Prescale	00 ~ 255		10h
8	Carrier Mute	00 ~ 255		42h
9	Pilot High	00 ~ 255		14
10	Pilot Low	00 ~ 255		7

##### 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	RF PAL-I	00 ~ 255		66h			
4	RF SECAM-B/G	00 ~ 255		88h			
5	RF SECAM-D/K	00 ~ 255		77h			
6	RF SECAM-L/L'	00 ~ 255		88h			
7	RF NTSC3.58	00 ~ 255		<b>66h</b>			
8	RF NTSC4.43	00 ~ 255		CCh			
9	AV PAL	00 ~ 255		77h			
10	AV SECAM	00 ~ 255		<b>88h</b>			
11	AV NTSC 3.58	00 ~ 255		66h			
12	AV NTSC4.43	00 ~ 255		<b>CCh</b>			
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			Control IC	Remark
1	LNA PLUS								
2	RFDB_1 Level			1					
3	RFDB_2 Level			5					
4	RFDB_3 Level			10					
5	RFDB_4 Level			16					

## 9. I2C 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

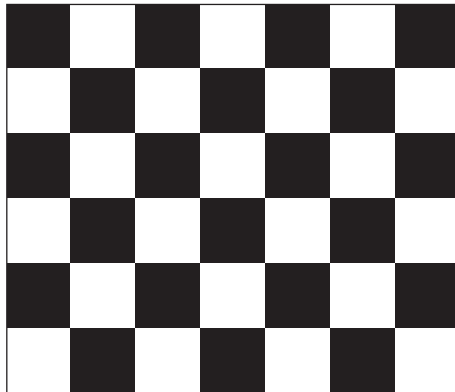
If picture color is wrong, do calibration first.

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

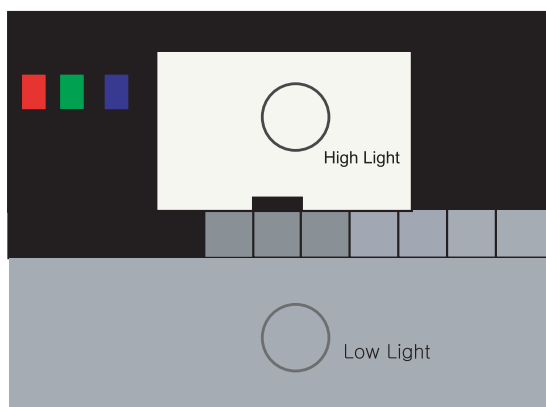
Adjust W/B in Factory Mode

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

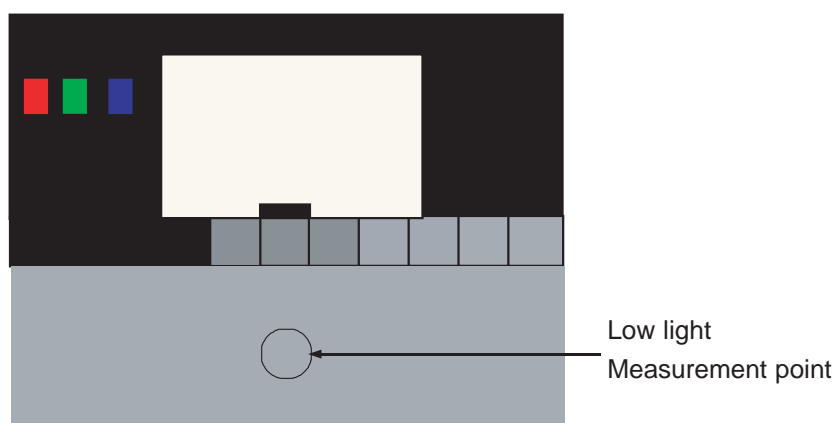
1. On the basis of toshiba ABL pattern : High Light level (57 IRE)
  - INPUT SIGNAL GENERATOR : MSPG-925LTH
    - \* Mode NO 2 : 744X484@60 Hz
    - NO 6 : 1280X720@60 Hz
    - NO 21 : 1024X768@60 Hz
    - \* Pattern NO 36 : 16 Color Pattern
    - NO 16 : Toshiba ABL Pattern
2. Optical measuring device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



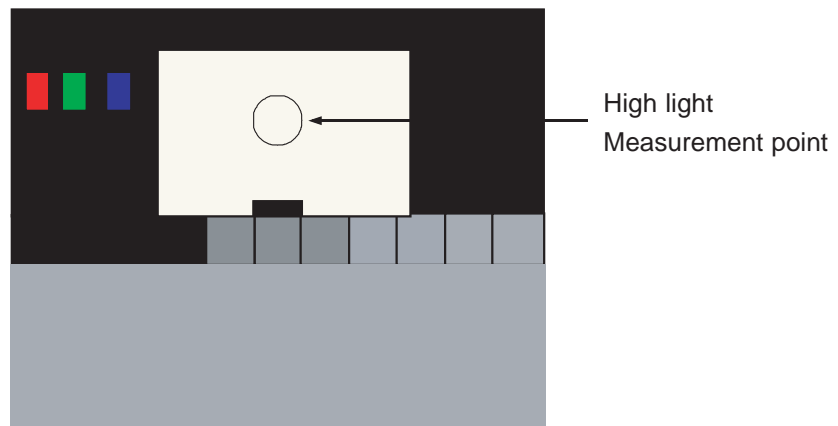
\* Do not adjust green offset data.

- 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

- 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.

Picture 4-3 Toshiba ABL Pattern



## 3-5 Software Upgrade

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

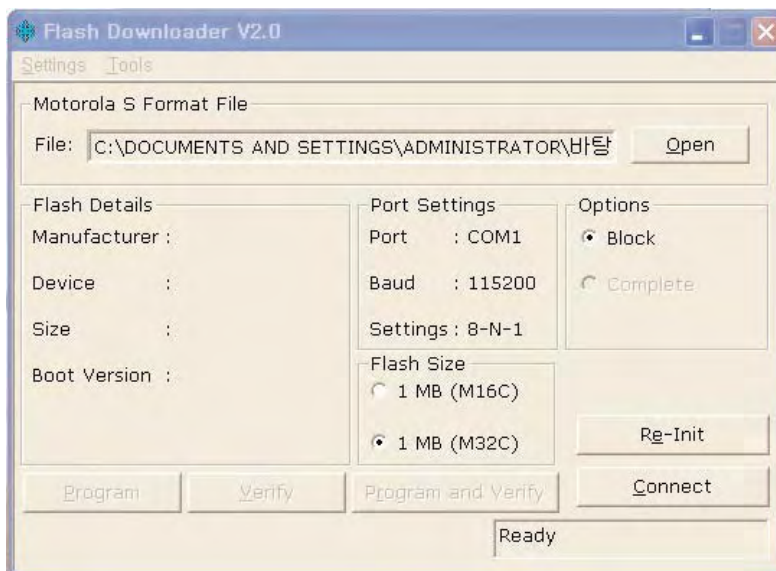
#### 1. Install the Flash Downloader

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.





---

## 4 Troubleshooting

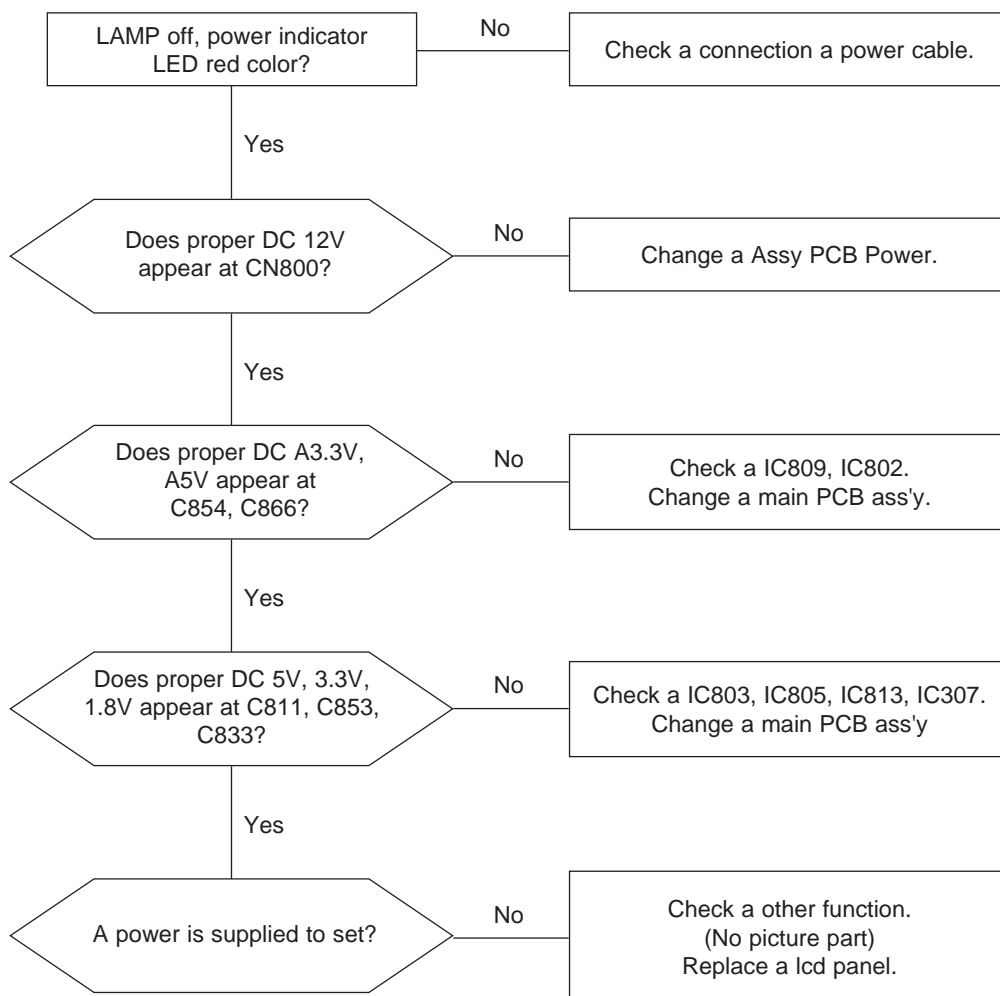
---

### 4-1 First Checklist for Troubleshooting

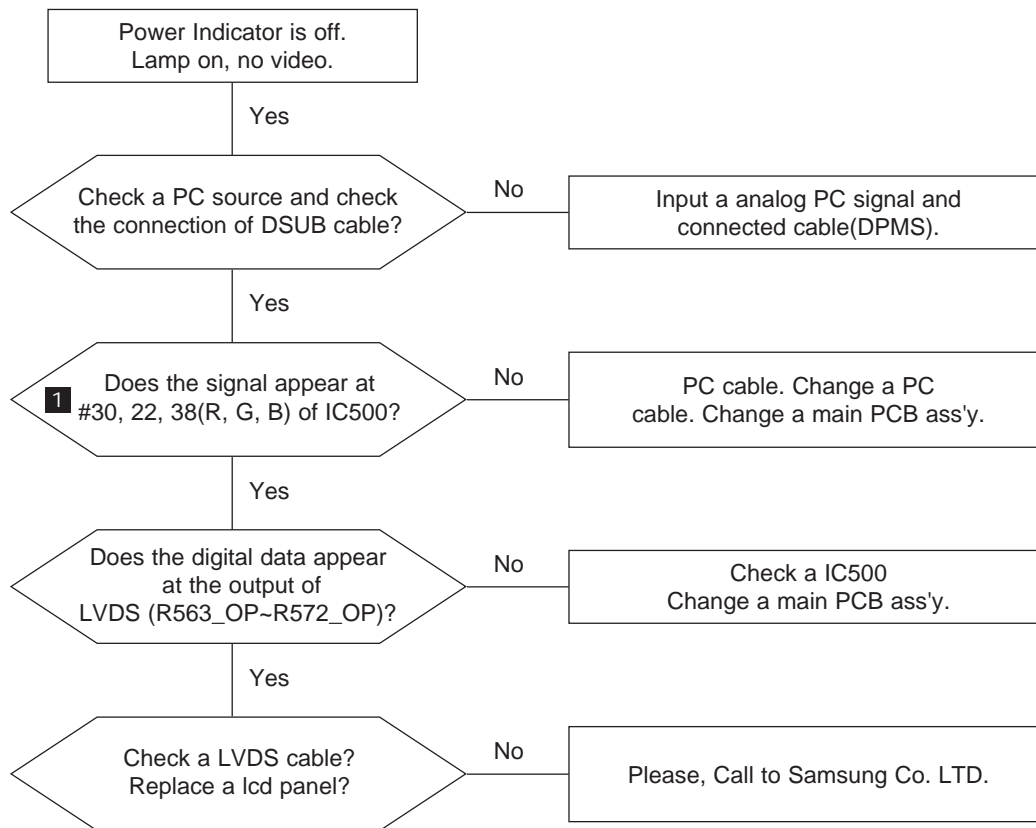
1. Check the various cable connections first.
  - Check to see if there is a burnt or damaged cable.
  - Check to see if there is a disconnected cable connection or a connection is too loose.
  - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to 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

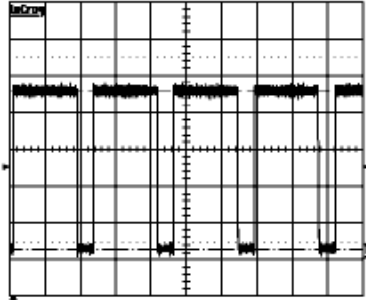


## 4-2-2 No Video (Analog PC)



## WAVEFORMS

## 1 R,G,B Output Signal of IC500

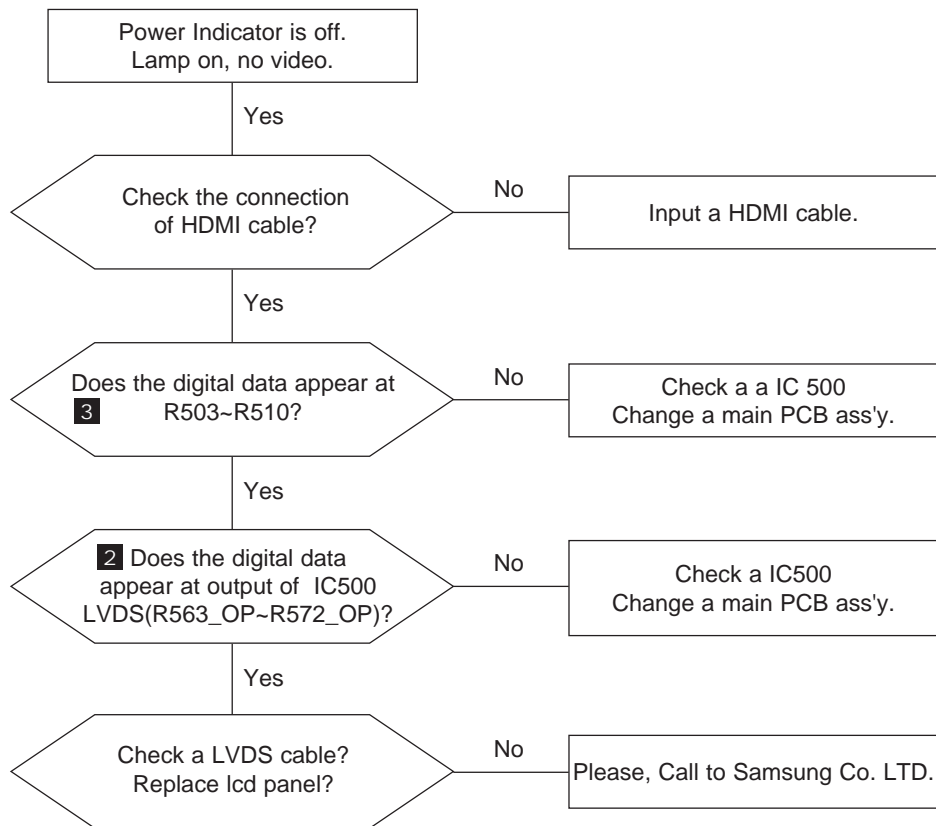
27-Sep-02  
1:42:1918  $\mu$ s  
288mV  
652mV18  $\mu$ s1 28 mV DC  $\frac{1}{2}$   
2 1 V DC  $\frac{1}{2}$   
3 1 V DC  $\frac{1}{2}$   
4 5 V DC  $\frac{1}{2}$ 

1 DC 0.492 V

1 65/s

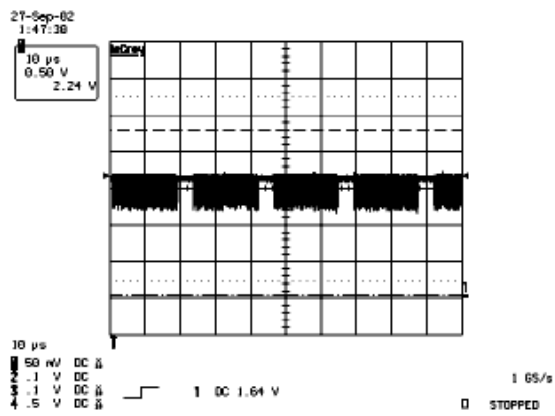
STOPPED

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

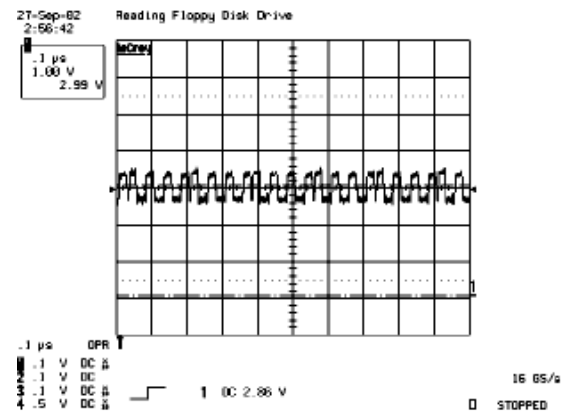


## 4 Troubleshooting

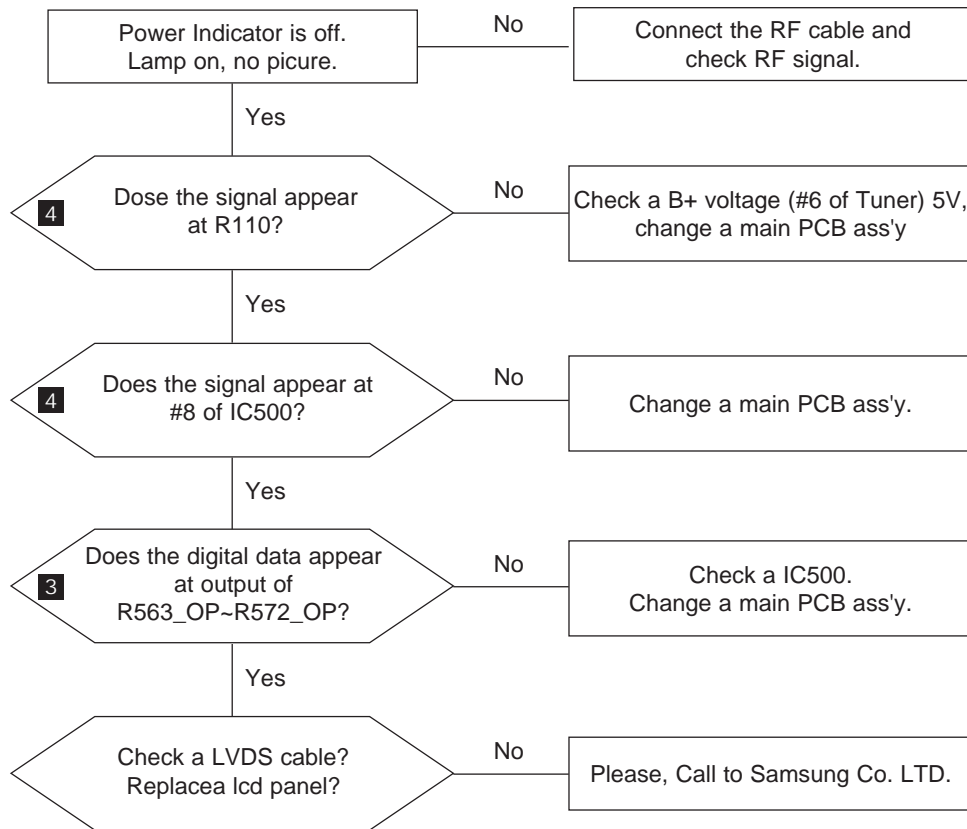
### 2 Digital Output Data of IC500



### 3 Signal of HDMI(Data)

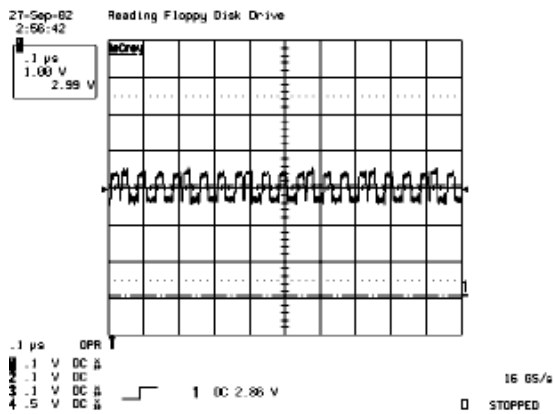


## 4-2-4 No Picture (Tuner\_CVBS)

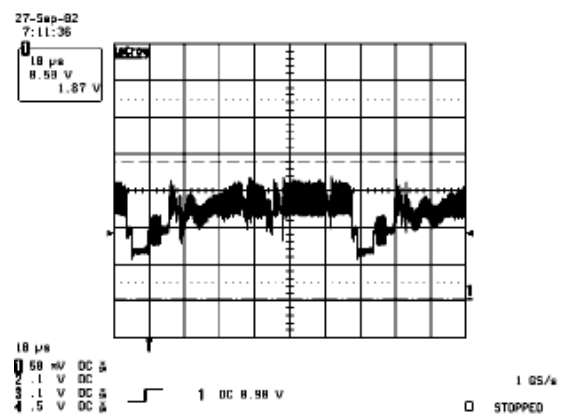


# WAVEFORMS

### 3 CVBS Output Signal

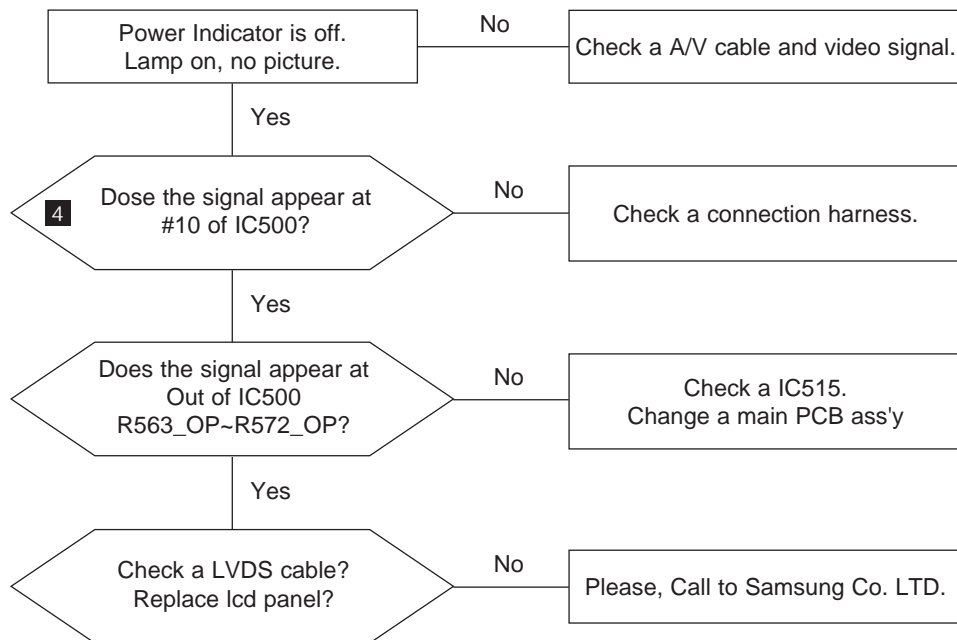


#### 4 Tuner\_CVBS Output Signal



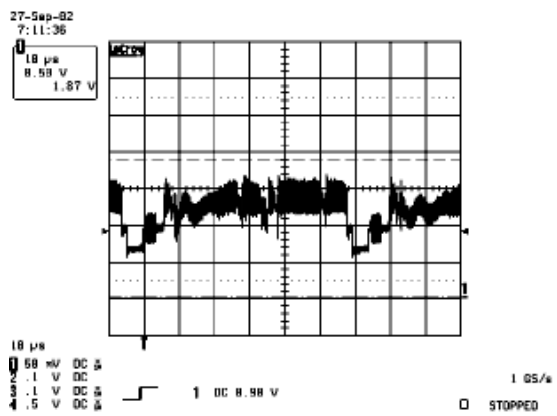


## 4-2-5 No Picture (Video\_CVBS)

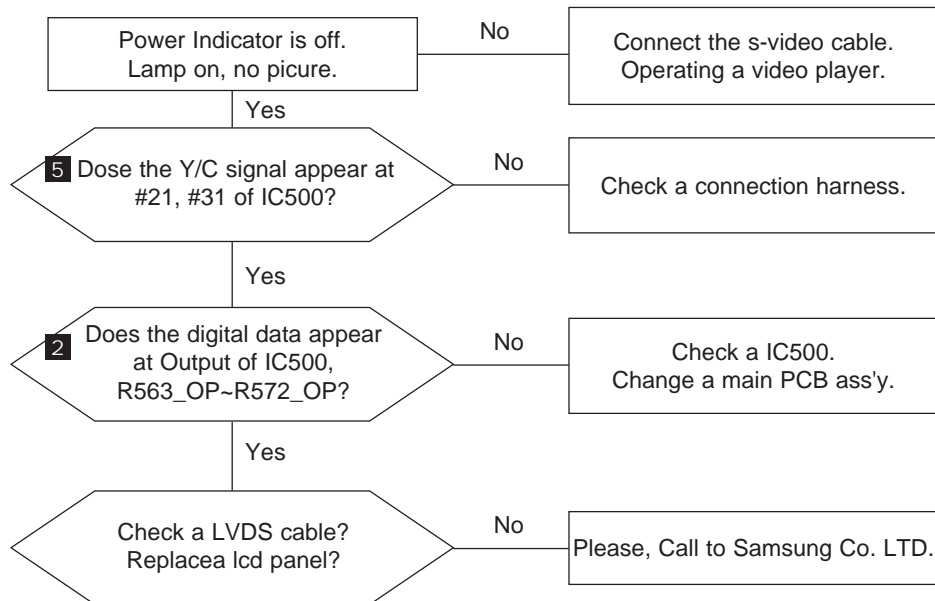


## WAVEFORMS

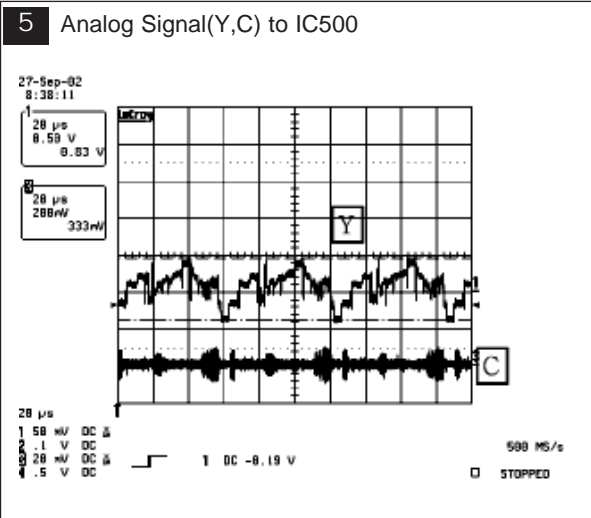
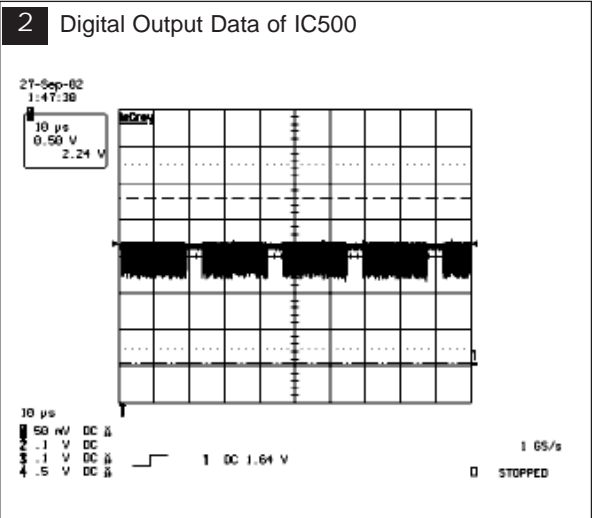
## 4 CVBS Output Signal



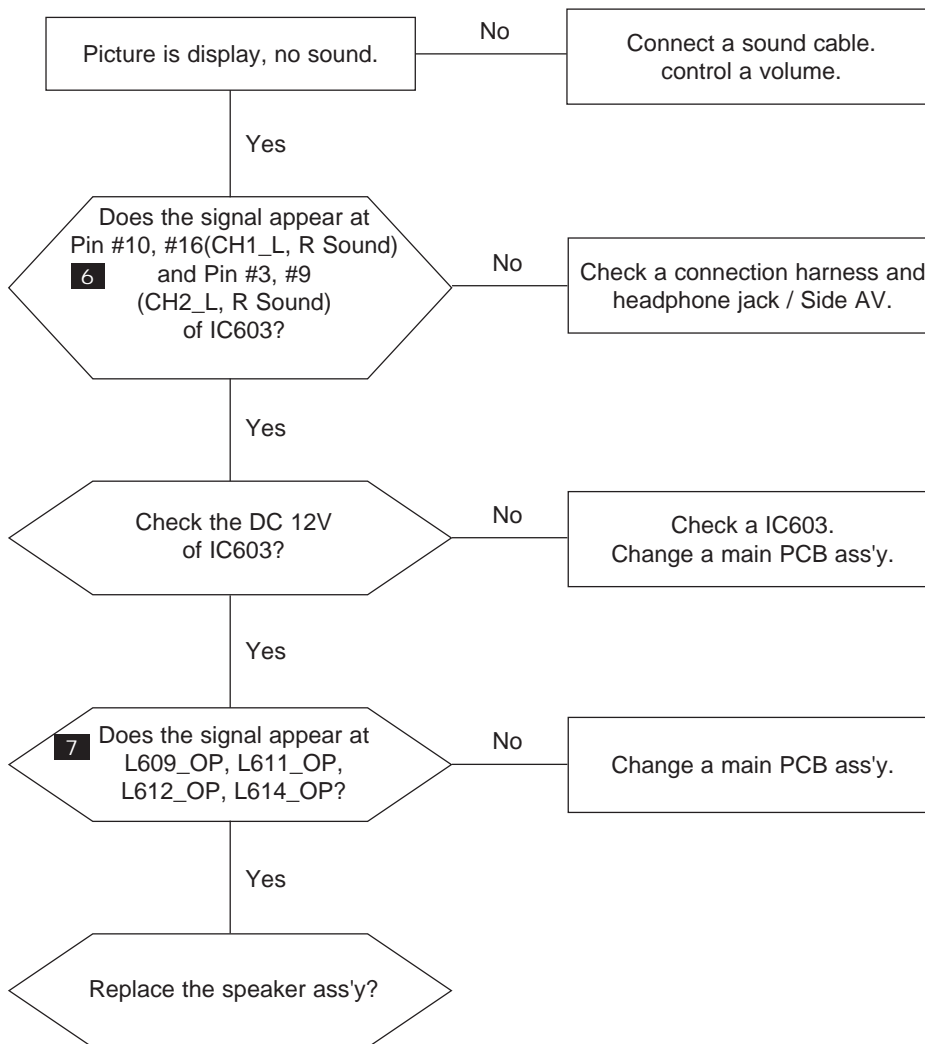
## 4-2-6 No Picture (S-VIDEO\_Y,C)



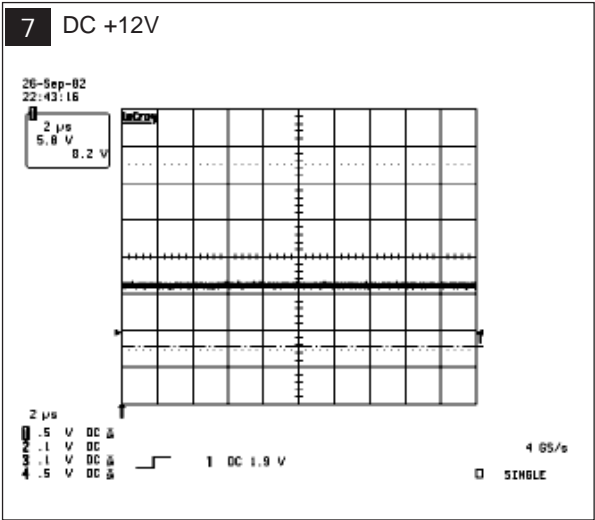
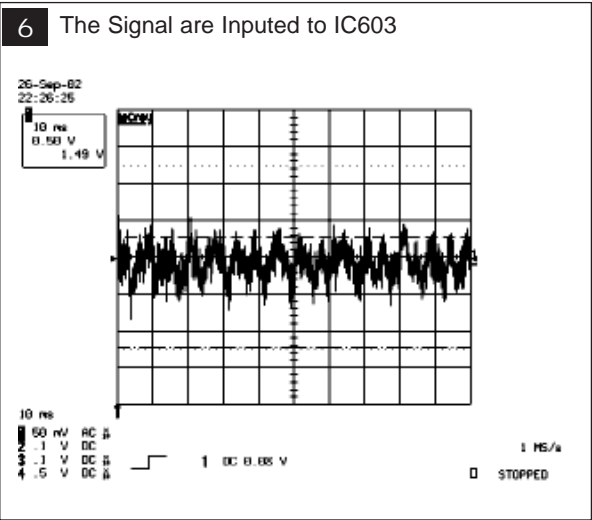
WAVEFORMS



## 4-2-7 No Sound



WAVEFORMS

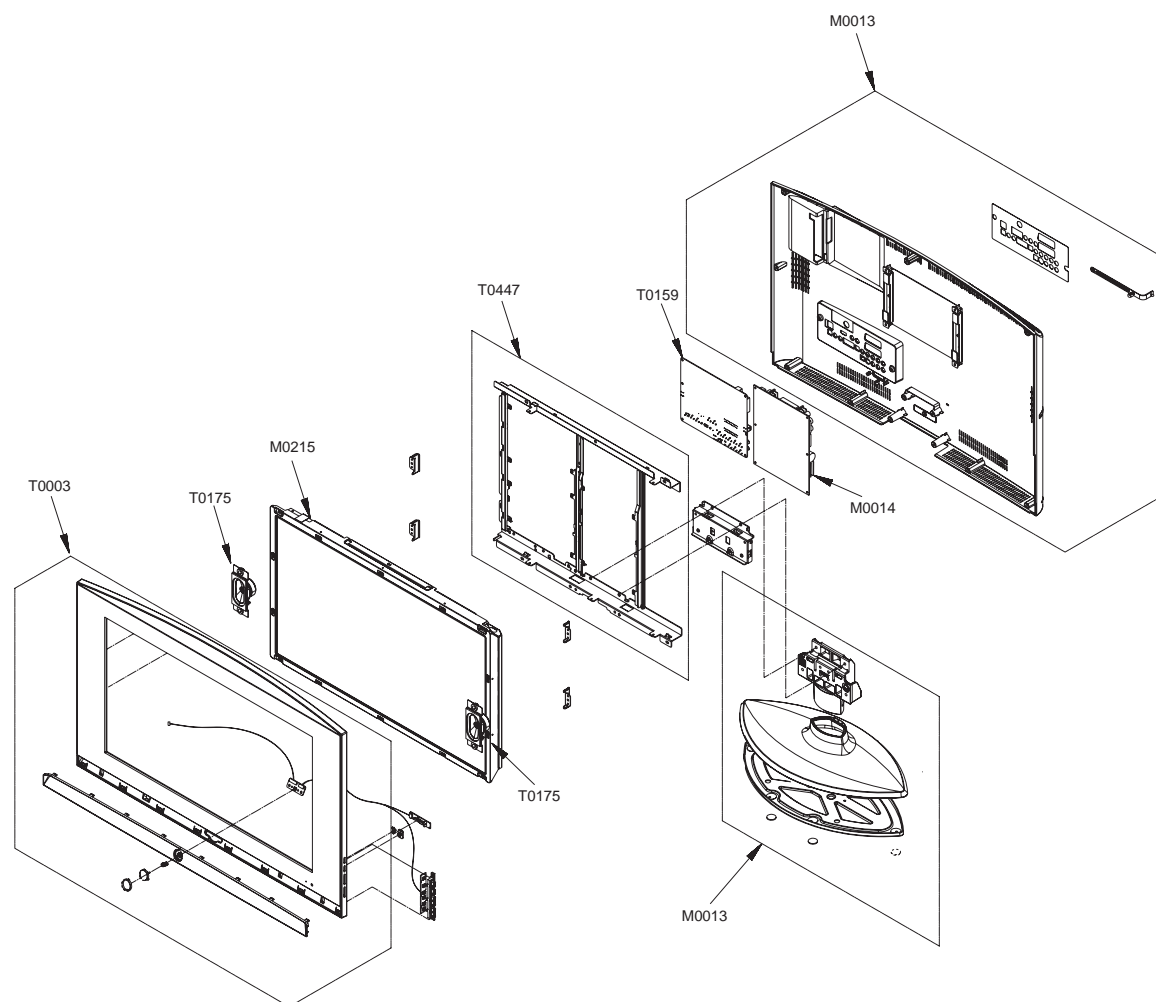


## 5 Exploded View and Parts List

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

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

### 5-1 LE27S71B Exploded View

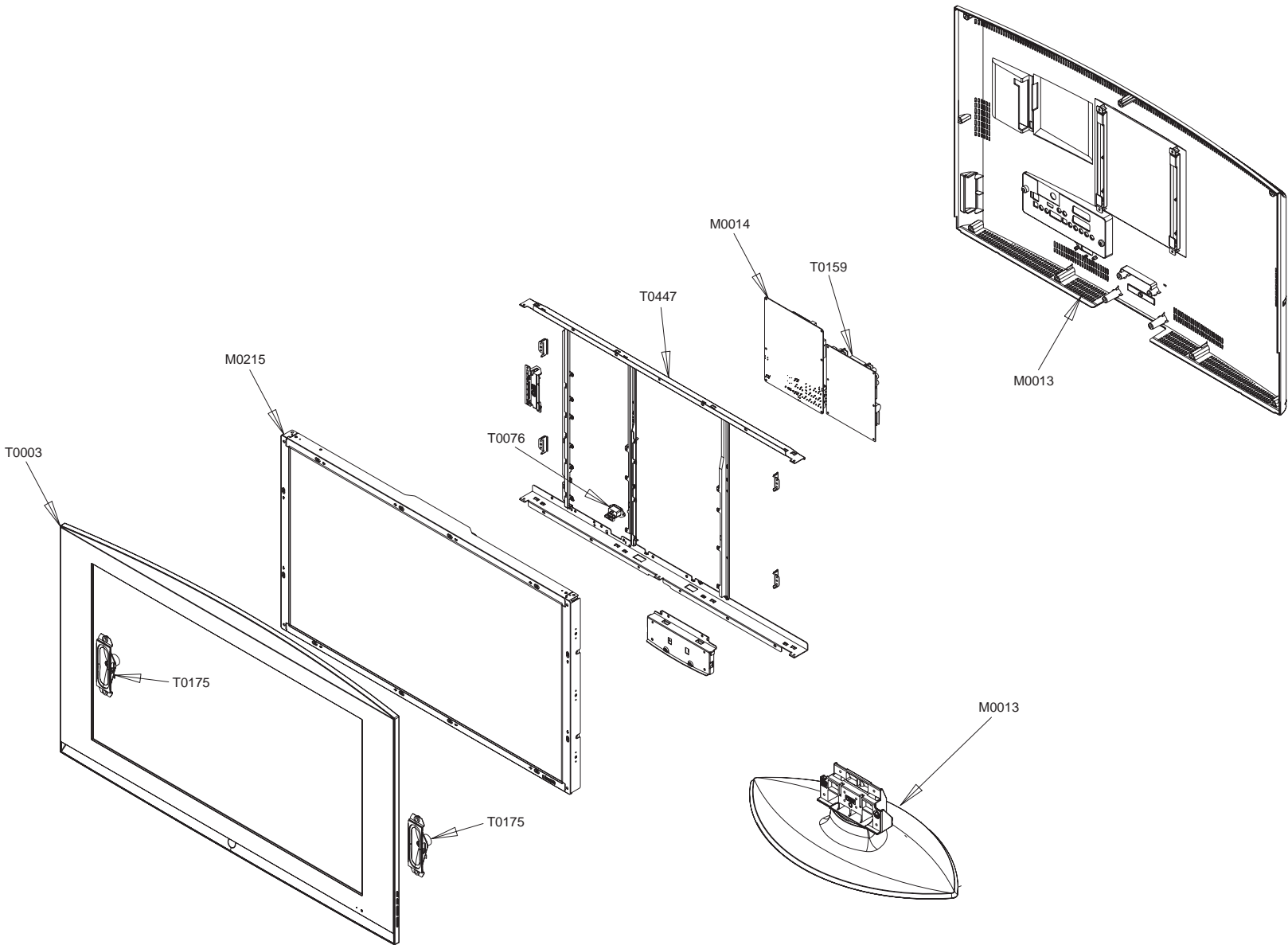


## 5-2 LE27S71B Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03836A	ASSY COVER P-FRONT;27T70,EO,ABS+PMMA,HB,	1	SA	
T0175	BN96-03279A	ASSY SPEAKER P;16ohm,Sonoma 26,Left,5W,N	1	SA	
T0175	BN96-03280A	ASSY SPEAKER P;16ohm,Sonoma 26,Right,5W,	1	SA	
M0215	BN07-00136A	LCD-PANEL;V270B1-L01,Torino,8BIT,638.5*3	1	SA	
T0447	BN96-03944A	ASSY BRACKET P-PANEL;SONOMA,27EO,READY,S	1	SNA	
M0014	BN94-01032A	ASSY PCB MAIN;LE27S71BX	1	SA	
T0159	BN96-03058A	ASSY PCB P-SMPS;Bordeaux 26 PFC,LE26R71B	1	SA	
M0013	BN96-03837A	ASSY COVER P-REAR;27T71,EO,HIPS,HB,BK500	1	SA	
M0013	BN96-03945A	ASSY STAND P-BASE;SONOMA,27,ABS+PMMA,HB,	1	SA	



5-3 LE32S71B Exploded View

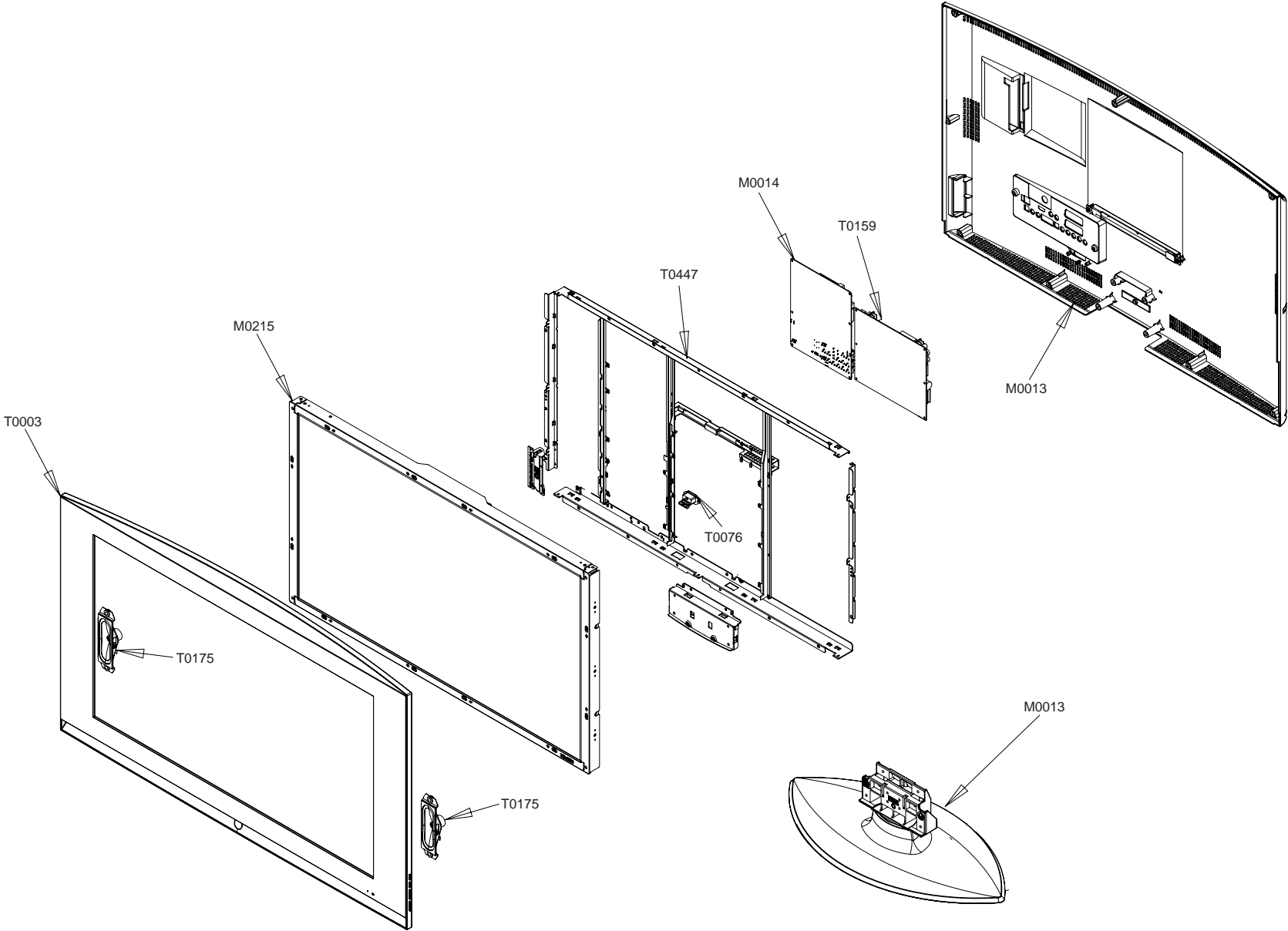


5 Exploded View & Parts List

5-4 LE32S71B Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03628C	ASSY COVER P-FRONT;32T70,EO,-,ABS+PMMA,B	1	SA	
T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	SA	
T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	SA	
M0215	BN07-00247A	LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50	1	SA	
T0447	BN96-02999A	ASSY BRACKET P-PANEL;BORDEAUX,32,AMLCD,S	1	SNA	
T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA	
M0014	BN94-01031B	ASSY PCB MAIN;LE32S71BX	1	SA	
T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	SA	
M0013	BN96-03838A	ASSY COVER P-REAR;32T71,EO,HIPS,HB,BK500	1	SA	
M0013	BN96-03698A	ASSY STAND P-BASE;32T70,ABS+PMMA,HB,BK23	1	SA	

5-5 LE37S71B Exploded View

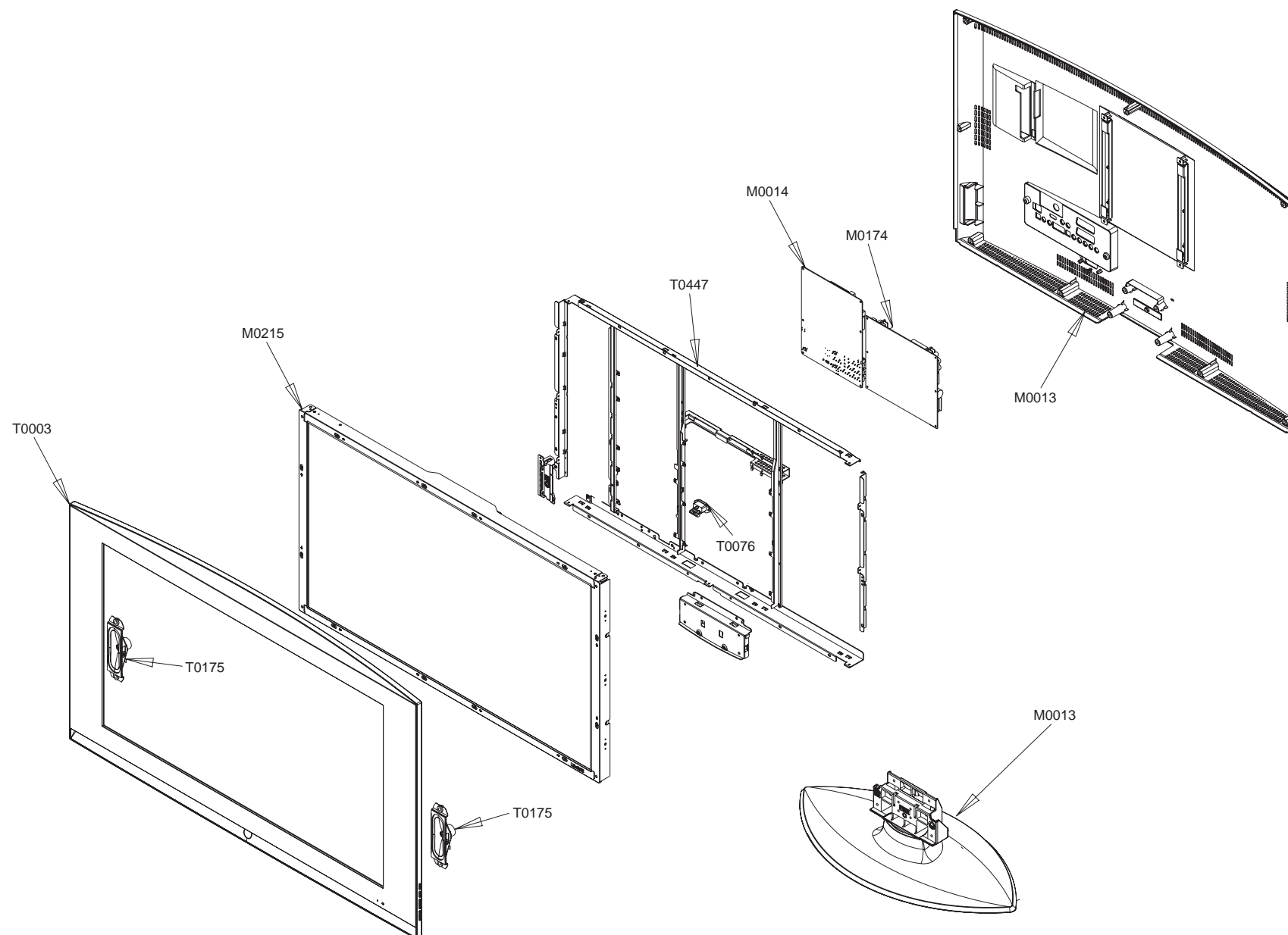


5 Exploded View & Parts List

5-6 LE37S71B Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-04044A	ASSY COVER P-FRONT;37S71,EO,ABS+PMMA,HB,	1	SA	
T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	SA	
T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	SA	
M0215	BN07-00255A	LCD-PANEL;T370XW01,8bit,877.0*514.6*54.7	1	SA	
T0447	BN96-03253A	ASSY BRACKET P-PANEL;BORDEAUX-2,37,AUO,S	1	SNA	
T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA	
M0014	BN94-01041A	ASSY PCB MAIN;LE37S71BX/*	1	SA	
T0159	BN96-03050A	ASSY PCB P-SMPS;Bordeaux 37 PFC,LE37R71B	1	SA	
M0013	BN96-04045A	ASSY COVER P-REAR;37S71,EO,HIPS,HB,BK500	1	SA	
M0013	BN96-03697A	ASSY STAND P-BASE;SONOMA40,ABS+PMMA,HB,B	1	SA	

## 5-7 LE40S71B Exploded View



## 5-8 LE40S71B Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03394C	ASSY COVER P-FRONT;40T70,EO,ABS+PMMA,HB,	1	SA	
T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	SA	
T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	SA	
M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	SA	
T0447	BN96-03528B	ASSY BRACKET P-PANEL;SONOMA,40EO,READY,S	1	SNA	
T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA	
M0014	BN94-01033A	ASSY PCB MAIN;LE40S71BX	1	SA	
M0174	BN44-00134C	IP BOARD;PSIV230601A,40"BORDEAUX,2.0~3.0	1	SA	
M0013	BN96-03839A	ASSY COVER P-REAR;40T71,EO,HIPS,HB,BK500	1	SA	
M0013	BN96-03697A	ASSY STAND P-BASE;40T70,ABS+PMMA,HB,BK23	1	SA	

## 6 Electrical Parts List

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

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

### 6-1 LE27S71B Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE27S71BX/XEC	LE27S71B,Q52A/27S70-GSM,27,LCD-TV,SPAIN	0	
1	M0001	BN90-00978A	ASSY COVER FRONT;27T70,EO,ABS+PMMA,HB,BK	1	SNA
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	SNA
..2	T0175	BN96-03279A	ASSY SPEAKER P;16ohm,Sonoma 26,Left,5W,N	1	SA
..2	T0175	BN96-03280A	ASSY SPEAKER P;16ohm,Sonoma 26,Right,5W,	1	SA
..2	T0003	BN96-03836A	ASSY COVER P-FRONT;27T70,EO,ABS+PMMA,HB,	1	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	SNA
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	SA
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.118	SNA
...3	M0112	BN63-02656A	COVER-FRONT;27T70,EO,ABS+PMMA,-,-,HB,-	1	SNA
...3	T0056	BN63-02658A	COVER-DECORATION;GSM27KE,HIPS,HB,GR503,S	1	SNA
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	SNA
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	SNA
...3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0	1	SNA
...3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	SNA
...3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	SNA
...3	M0146	BN96-03437A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	SA
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	SA
1	M0002	BN90-00979A	ASSY COVER REAR;27T71,EO,HIPS,HB,BK500	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	SA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	9	SA
..2	M0013	BN96-03837A	ASSY COVER P-REAR;27T71,EO,HIPS,HB,BK500	1	SA
...3	T0101	BN61-02058A	BRACKET-WALL;23,27,MGM,SECC,T1.6	2	SNA
...3	M0006	BN63-02657A	COVER-REAR;27T70,HIPS,-,-,HB,-,BK500,S	1	SNA
...3	T0071	BN64-00444A	INLAY-TERMINAL;26R71,(BLK),PS SHEET,T0.5	1	SNA
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	SNA
1	M0216	BN90-01005A	ASSY STAND;27T70,ABS+PMMA,HB,BK23,H/GLOS	1	SNA
..2	T0524	6902-000561	BAG PE;HDPE+NITRON(DOUBLE),T0.015+T0.5,W	1	SNA
..2	M0013	BN96-03945A	ASSY STAND P-BASE;SONOMA,27,ABS+PMMA,HB,	1	SA
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	SA
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	6	SA
...3		BN61-01830A	BRACKET-STAND BOTTOM;26 MILANO,SECC,T2.0	1	SNA
...3		BN61-02369A	GUIDE-STAND;SONOMA 26,HIPS V0,BK500	1	SNA
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	SNA
...3	T0004	BN63-02696A	COVER-STAND BASE;GML26,ABS+PMMA,HB,BK23,	1	SNA
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	6	SNA
1	T0852	BN91-00948A	ASSY LCD-CMO;LE27T51BX*,TORINO	1	SNA
..2	M0215	BN07-00136A	LCD-PANEL;V270B1-L01,Torino,8BIT,638.5*3	1	SA
1	M0112	BN91-01114A	ASSY SHIELD;LE27S71BX	1	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	4	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	4	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	1	SNA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M2893	BH39-00362B	LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm	1	SA
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA
..2	M2893	BN39-00659A	LEAD CONNECTOR;RE32*CMO,UL1007#26,14/12P	1	SA
..2	M2893	BN39-00691B	LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1	1	SA
..2	M2893	BN39-00721A	LEAD CONNECTOR-LVDS;Sonoma,UL1571#30,30P	1	SA
..2		BN61-02207A	BRACKET-PANEL SIDE;Bordeaux 26,SECC,T1.2	4	SNA
..2		BN61-02364A	BRACKET-STAND LINK;SONOMA 32,SECC,T1.6	1	SNA
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	SNA
..2	T0159	BN96-03058A	ASSY PCB P-SMPS;Bordeaux 26 PFC,LE26R71B	1	SA
..2	T0447	BN96-03944A	ASSY BRACKET P-PANEL;SONOMA,27EO,READY,S	1	SNA
...3	M0131	AA63-01401A	GASKET;LE40R71BX,Conductive Fabric,22mm,	1	SNA
...3		BN61-02208A	BRACKET GUIDE-MAIN;Bordeaux 26,SECC,T1.2	1	SNA
...3		BN61-02209A	BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1.	1	SNA
...3		BN61-02210A	BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1.	1	SNA
...3	M0146	BN61-02362A	BRACKET-PANEL TOP;SONOMA 27,SECC,T1.2	1	SNA
...3		BN61-02363A	BRACKET-PANEL BOTTOM;SONOMA 27,SECC,T1.6	1	SNA
1	M0017	BN91-01116A	ASSY CHASSIS;LE27S71BX	1	SNA
..2	M0014	BN94-01032A	ASSY PCB MAIN;LE27S71BX	1	SA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.25	SNA
...3	JA709	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	SA
...3	CN330	3711-004068	HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL	1	SA
...3	CN503	3711-005884	HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG	1	SA
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	SA
...3	JA701_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA702_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	SA
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	SA
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	SNA
...3	CIS3	BN40-00079A	TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H),	1	SA
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE	1	SNA
...3	CIS8	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40*,SI	1	SNA
...3	T0174	BN97-01080A	ASSY SMD;LE27S71BX	1	SNA
...4	CIS5	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.033	SNA
...4	D100	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D202	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D226	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D227	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D228	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D307	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D320	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D321	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D322	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D323	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D324	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D325	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D326	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D327	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D422_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D423_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D424_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D425_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D467	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	D485	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D486	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D487	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D494	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D946_OP	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D961_OP	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D979_OP	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D800	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	SA
...4	D801	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D906	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D300	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D304	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D305	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D490	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D491	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D492	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D493	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D499	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D500	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D501	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D502	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D503	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D505	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D506	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D507	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D508	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D509	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D510	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D511	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D512	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D513	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D909	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D911	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D301	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
...4	D418	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
...4	D421	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
...4	D101	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	SA
...4	D308	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D309	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D400_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D401	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D402_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D403	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D404	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D405	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D406	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D407	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D408	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D419_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D420_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D428	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D429_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D461	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D462	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D470	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D471	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D472	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D483	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D484	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D949_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D950_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D962_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D963_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D964_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D975_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D976_OP	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D600	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D601	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D900	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D901	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q603	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	SA
....4	Q100	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q301	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q600	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q601	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q602	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q605	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q606	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q609	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q802	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q900	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q904	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q905	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q906	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q972	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q973	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q222	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q800	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q801	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	SA
....4	IC900	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	SNA
....4	IC605	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC905	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	SA
....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	IC222	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	SA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150ML,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,SQ,36P,15.9x11mm,-,	1	SA
....4	IC503_OP	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	IC910	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSI.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	IC601	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	SNA
....4	R422_EU	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R221	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	R222	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
...4	R9004	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9005	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9006	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9007	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9008	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9009	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9010	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9015	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9028	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R9032	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R976	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
...4	R109	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
...4	R807	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
...4	26_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R321	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R444	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R446	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R479_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R480	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R488_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R489_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R491_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R492_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R493_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R494_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R500	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R501	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R502	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R511	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R512	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R514_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R516	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R523	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R539	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R540	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R542	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R563_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R564_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R565_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R566_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R567_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R568_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R569_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R570_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R571_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R572_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R574	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R575	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R577	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R592	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R656	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R691	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R692	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R693	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R9000	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R9013	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R9014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R9030	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R909	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R913	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
...4	R931	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R932	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R933	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R934	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R936	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R939	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R940	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R941	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R949	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R950	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R951	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R952	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R953	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R998	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R224	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R225	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R226	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R227	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R458	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R499	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R503	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R504	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R505	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R506	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R507	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R508	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R509	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R510	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R518	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R585	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R586	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R104	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R105	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R306	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R308	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R475	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R495	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R611	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R612	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R658	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R659	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R676	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R682	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R113	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R116	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R243	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R244	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R409	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R498	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R525	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R533	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R538	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R559	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R582	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R584	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R587	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R614	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R615	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R616	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R617	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R618	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	R619	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R620	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R621	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R636	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R637	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R639	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R640	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R644	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R645	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R648	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R650	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R651	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R653	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R654	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R678	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R679	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R680	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R802	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R9002	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R901	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R9016	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R9023	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R9025	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R911	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R916	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R917	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R919	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R937	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R947	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R966	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R967	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R971	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R972	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R973	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R977	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R978	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R999	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
...4	R562	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	SA
...4	R100	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
...4	R402_EU	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
...4	R404_EU	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
...4	R405	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
...4	R410	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
...4	R114	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R307	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R311	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R403	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R407	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R408	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R411	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R429	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R474	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R476	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R487	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R528	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R590	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R591	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R810	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R9026	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R946	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
...4	R103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
...4	R106	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R119_OP	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R120_OP	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R312	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R322	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R522	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R535	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R537	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R554	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R576	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R905	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R928	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R935	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R530	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R532	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R925	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R926	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R963	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R964	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R242	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R526	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R541	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R578	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R593	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R655	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R808	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R809	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9033	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9034	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9051	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9052	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9053	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9054	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9055	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9056	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9057	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R908	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R918	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R923	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R924	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R927	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R929	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R930	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R938	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R943	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R962	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R996	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R426	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R427	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R302	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R303	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R316	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R445	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R447	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R459	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R473	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R515	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R519	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R555	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R556	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R610	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R661	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R673	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R801	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R803	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R804	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9029	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9043	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R906	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R907	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R912	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R915	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R954	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R956	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R970	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R994	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R995	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R806	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R664	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R666	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R101	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R670	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R914	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R313	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R400_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R401_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R527_OP	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R601	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R646	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R652	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R657	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R665	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R993	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R602	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R603	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R604	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R605	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R606	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R607	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R608	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R609	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R626	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R627	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R628	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R629	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R630	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R632	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R633	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R660	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R663	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R667	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R800	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R107	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R111	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R112	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R668	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R5004	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R550	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R551	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R553	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R638	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R236	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R237	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R238	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R9027	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R683	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R490_EU	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R413	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R417	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R420_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R421_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R434	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R481	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R323	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R324	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R325	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R326	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R327	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R328	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R329	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R330	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R942	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R955_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R957_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R969	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R974	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R975	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R979	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R980	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R982	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R983	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R984	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R985	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R986	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R987	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R988	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R989	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R990	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R991	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R992	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R997	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R412	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R416	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R9041	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R9042	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R557	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R117	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R118	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R414	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R415	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R418	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R477	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R478	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R482	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	R902	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
...4	R903	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
...4	R948	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
...4	R223	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
...4	R228	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
...4	R805	2007-001068	R-CHIP;6.8Kohm,1%,1/10W,TP,1608	1	SA
...4	R419_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
...4	R432_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
...4	R110	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R115_OP	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R318	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R320	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R423	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R424	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R425	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R428_EU	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R435	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R484	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R485	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R486	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R904_OP	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R910_OP	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
...4	R468	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R469	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R470	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R471	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R472	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R483	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R496	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R497	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
...4	R430_EU	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
...4	R675	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
...4	R677	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
...4	R681	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
...4	R684	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
...4	IC223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA221	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA222	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA224	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA225	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA226	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA227	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
...4	RA903	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA904	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA906	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA907	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA908	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA910	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA500	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA501	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA900	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA901	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA902	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA905	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA909	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA911	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA913	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA916	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA917	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA918	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
...4	RA919	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	RA920	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA921	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA922	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C6003	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C616	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C632	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C250	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C303	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C486	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C512	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C513	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C514	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C516	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C517	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C518	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C521	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C522	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C523	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C524	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C525	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C526	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C527	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C529	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C530	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C532	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C533	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C534	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C535	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C537	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C538	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C545	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C548	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C549	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C551	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C553	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C554	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C555	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C558	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C560	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C561	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C564	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C565	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C566	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C567	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C568	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C569	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C570	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C571	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C572	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C573	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C577	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C588	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C589	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C590	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C591	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C593	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C595	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C597	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C598	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	C6016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C6017	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C620	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C625	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C626	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C627	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C628	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C644	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C649	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C651	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C652	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C660	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C664	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C680	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C682	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C687	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C801	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C803	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C805	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C812	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C813	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C815	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C817	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C834	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C836	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C839	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C840	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C849	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C867	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C868	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C900	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C904	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C943	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
...4	C117	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C118	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C269	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C270	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C400_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C401	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C402_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C403	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C404	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C405	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C406	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C407	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C408_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C410_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C412	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C413	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C423	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C424	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C487	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C488	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C6006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C6007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C6008	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C623	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C678	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C679	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C926	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C928	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C930_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C936_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C101	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C228	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C229	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C230	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C231	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C232	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C238	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C241	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C244	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C264	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C265	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C268	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C504	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C505	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C506	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C507	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C508	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C541	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C622	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C800	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C802	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C810	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C814	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C816	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C830	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C843	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C944	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C841	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C901	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C903	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C908	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C931	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C933	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C937	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C114	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA
....4	C575	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C592	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C500	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C510	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C639	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C647	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C911	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C912	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C938	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C939	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C842	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C304	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C305	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C483	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C484	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C688	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C696	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C940_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C945_EU	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C946_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C947_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C948_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C949_OP	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C662	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	C663	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
...4	C435_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
...4	C436_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
...4	C437_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
...4	C115	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C223	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C224	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C502	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C503	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C674	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C675	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C104	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
...4	C634	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
...4	C266	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
...4	C409_EU	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
...4	C411	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
...4	C629	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
...4	C106	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
...4	C6009	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
...4	C670	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
...4	C672	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
...4	C617	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
...4	C631	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
...4	C673	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
...4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C221	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C222	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C235	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C236	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C261	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C501	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C519	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C528	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C543	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C601	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C640	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C641	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C642	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C643	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C657	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C665	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C822	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C825	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C851	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C853	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C856	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C859	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C861	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C914	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C915	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C916	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C918	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C920	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C922	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C923	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C924	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C925	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C935	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C941	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
...4	C689	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C697	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C300	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C536	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C699	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C823	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C870	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C919	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C942	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C6001	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6002	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6005	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6011	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C677	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C681	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C683	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C685	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C690	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C691	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C692	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C693	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C694	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C695	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C698	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C546	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C547	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C550	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C552	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C556	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C557	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C559	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C562	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C563	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C578	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C579	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C580	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C581	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C582	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C583	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C584	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C585	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C586	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C594	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C596	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C824	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C302	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C574	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C576	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C587	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C599	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C600	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C6015	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C603	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C604	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C606	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C607	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C608	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C609	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C610	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C611	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C613	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C618	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C621	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C624	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C636	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C645	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C646	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C650	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C653	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C654	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C655	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C656	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C658	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C686	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C852	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C855	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C921	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
...4	C5001	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
...4	C5002	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
...4	C806	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
...4	C819	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
...4	C835	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
...4	C239	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
...4	C240	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
...4	C102	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C107	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C108	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C615	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C668	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C669	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C671	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C811	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C848	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C854	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
...4	C116	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
...4	C249	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
...4	C509	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
...4	C635	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
...4	C667	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
...4	C807	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
...4	C820	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
...4	C666	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
...4	C485	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C531	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C684	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C826	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C902	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C907	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C913	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C917	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C950	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
...4	C100	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
...4	C227	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
...4	C237	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
...4	C542	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
...4	C633	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
...4	C850	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
...4	C866	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
...4	C6010	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
...4	C676	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
...4	C520	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA

## 6 Electrical Parts List

[illegible]



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	CN703	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	SA
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	SA
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	SA
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	SA
....4	T0077	BN41-00680C	PCB MAIN;BORDEAUX,FR-4,4,MP1.2,1.6,192*1	1	SNA
....4	M0018	BN97-00805A	ASSY MICOM;IC-MICROCOMPUTER,LE32R71BX/XE	1	SA
.....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	SA
....4	M0018	BN97-00805B	ASSY MICOM;IC-MICROCONTROLLER,,LE32R71BX	1	SA
.....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	SNA
1	M0045	BN92-01926A	ASSY ACCESSORY;LE27S71BX	1	SNA
..2	M0045	BN96-03946A	ASSY ACCESSORY;LE27S71BX/XEC	1	SA
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	SA
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	SNA
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	SNA
...3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	SNA
...3	ACCESSORY	AA68-03575B	MANUAL FLYER-010,REGISTRATION;XEG,GERMAN	1	SNA
...3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	SNA
...3	ACCESSORY	AA68-03575D	MANUAL FLYER-02,REGISTRATION C;XEC,SPANI	1	SNA
...3	ACCESSORY	AA68-03575E	MANUAL FLYER-02,REGISTRATION C;XET,ITALY	1	SNA
...3	ACCESSORY	AA68-03575F	MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH	1	SNA
...3	ACCESSORY	AA68-03575G	MANUAL FLYER-01,REGISTRATION C;XEP,PORTU	1	SNA
...3	T0074	BN59-00507A	REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP,	1	SA
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	SNA
...3	T0531	BN63-02415B	COVER-BOTTOM;SONOMA,32,HIPS,HB,BK500	1	SNA
...3	ACCESSORY	BN68-00514A	MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV	1	SNA
...3	T0059	BN68-00895A	MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR	1	SNA
...3	T0511	BN68-01001J	MANUAL USERS;COMM,SAMSUNG,7Langs,W.Europ	1	SNA
...3	ACCESSORY	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63	1	SNA
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	SA
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	SNA
1	M0019	BN92-01929A	ASSY LABEL;LE32S71B,LE27S71B	1	SNA
1	M0003	BN92-01931A	ASSY BOX;27T70,EO,SONOMA	1	SNA
..2	T0130	BN69-01418A	BOX-00,SET;27S7,SY-05,A,YEL,A1,W848,D638	1.02	SNA
1	M0113	BN92-01932A	ASSY P/MATERIAL;27T70,SONOMA	1	SNA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.016	SNA
..2	T0524	6902-000358	BAG PE;HDPE/NITRON(DOUBLE),T0.02/T0.5,W9	1	SNA
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.005	SNA
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	3.8	SNA

## 6-2 LE32S71B Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE32S71BX/XEC	LE32S71B,Q62A/32S70-GSM,32,LCD-TV,SPAIN	0	
1	M0001	BN90-00858D	ASSY COVER FRONT;32T70.EO,-,ABS+PMMA,HB,	1	SNA
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4,0,L12,ZPC(BLK	4	SNA
..2	T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	SA
..2	T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	SA
..2	T0003	BN96-03628C	ASSY COVER P-FRONT;32T70.EO,-,ABS+PMMA,B	1	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,1D2.2,T5.2,NYLIN6/	2	SNA
...3	T0069	AA63-60001E	SPACER-FELT,-,FELT,-,-,-,BLK,0.5,-,55X15	2	SNA
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	SA
...3		BN63-01925A	FELT-VIBRATION;42D5,FELT,T0.35,10,370	2	SNA
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1.65	SNA
...3	T0056	BN63-02413A	COVER-DECORATION;SONOMA 32,HIPS,HB,GR503	1	SNA
...3	M0112	BN63-02551B	COVER-FRONT;32T70.EO,ABS+PMMA,-,-,-,HB,-	1	SNA
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	SNA
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	SNA
...3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,-,V0	1	SNA
...3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	SNA
...3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	SNA
...3	M0146	BN96-03438A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	SA
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	SA
1	M0002	BN90-00879C	ASSY COVER REAR;32T71,EO,HIPS,HB,BK500	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	SA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	9	SA
..2	M0013	BN96-03838A	ASSY COVER P-REAR;32T71,EO,HIPS,HB,BK500	1	SA
...3	T0101	BN61-02032A	BRACKET-WALL;32,MGM,SECC,T1.6	2	SNA
...3	M0006	BN63-02659A	COVER-REAR;32T70.EO,HIPS,-,-,-,HB,-,BK50	1	SNA
...3	T0071	BN64-00444B	INLAY-TERMINAL;32,37,40R71,(BLK),PS SHEE	1	SNA
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	SNA
1	M0216	BN90-00967A	ASSY STAND;32T70,ABS+PMMA,HB,BK23,H/GLOS	1	SNA
..2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	SNA
..2	M0013	BN96-03698A	ASSY STAND P-BASE;32T70,ABS+PMMA,HB,BK23	1	SA
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	SA
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	6	SA
...3		BN61-01812A	BRACKET-STAND BOTTOM;32 MILANO,SECC,T2.0	1	SNA
...3		BN61-02360A	GUIDE-STAND;SONOMA 32,HIPS VO,BK500	1	SNA
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.34	SNA
...3	T0004	BN63-02697A	COVER-STAND BASE;GML32,ABS+PMMA,HB,BK23,	1	SNA
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	6	SNA
1		BN91-01017F	ASSY LCD-SPB;LE32R71B,32",BORDEAUX,AM LC	1	SNA
..2	M0215	BN07-00247A	LCD-PANEL;LTA320WT-L14,-,8BIT,760*450*50	1	SA
1	M0017	BN91-01110C	ASSY CHASSIS;LE32S71BX	1	SNA
..2	M0014	BN94-01031B	ASSY PCB MAIN;LE32S71BX	1	SA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.25	SNA
...3	JA709	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	SA
...3	CN330	3711-004068	HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL	1	SA
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	SA
...3	CN503	3711-005884	HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG	1	SA
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	SA
...3	JA701_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA702_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	SNA
...3	CIS3	BN40-00079A	TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H),	1	SA
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE	1	SNA
...3	CIS8	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI	1	SNA
...3	T0174	BN97-01079B	ASSY SMD;LE32S71BX	1	SNA
...4	CIS5	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.033	SNA
...4	D100	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D202	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D226	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D227	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D228	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D307	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D320	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D321	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D322	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D323	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	D324	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D325	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D326	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D327	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D422_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D423_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D424_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D425_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D467	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D485	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D486	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D487	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D494	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D800	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	SA
...4	D801	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D906	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D300	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D304	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D305	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D490	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D491	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D492	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D493	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D499	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D500	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D501	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D502	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D503	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D505	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D506	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D507	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D508	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D509	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D510	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D511	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D512	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D513	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D909	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D911	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL	1	SA
...4	D301	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL	1	SA
...4	D418	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
...4	D421	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
...4	D101	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	SA
...4	D308	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D309	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D400_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D401	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D402_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D403	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D404	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D405	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D406	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D407	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D408	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D419_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D420_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D428	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D429_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D461	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D462	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D470	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D471	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D472	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D483	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D484	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D600	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
...4	D601	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
...4	D900	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
...4	D901	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
...4	Q603	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	SA
...4	Q100	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q301	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q600	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q601	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q602	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q605	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q606	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q609	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
...4	Q802	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q900	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q904	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q905	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q906	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q972	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q973	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q222	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q800	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q801	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;Si9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSEIVER,TSSOP	1	SA
....4	IC900	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	SNA
....4	IC605	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC905	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	SA
....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	IC222	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	IC910	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSI.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	IC601	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	SNA
....4	R422_EU	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R221	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R222	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R9004	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9005	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9006	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9007	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9008	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9009	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9010	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9015	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9028	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9032	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R976	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R109	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R807	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	32_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R321	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R444	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R446	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R480	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R500	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R501	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R502	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R511	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R512	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R514_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R516	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R523	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R539	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R540	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R542	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R563_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R564_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R565_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R566_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R567_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R568_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R569_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R570_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R571_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R572_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R574	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R575	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R577	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R592	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R656	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R691	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R692	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R693	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9000	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9013	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9030	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R909	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R913	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R931	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R932	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R933	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R934	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R936	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R939	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R940	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R941	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R949	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R950	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R951	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R952	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R953	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R998	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R224	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R225	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R226	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R227	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R458	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R499	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R503	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R504	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R505	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R506	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R507	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R508	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R509	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R510	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R518	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R585	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R586	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R104	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R105	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R306	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R308	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R475	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R495	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R611	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R612	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R658	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R659	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R676	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R682	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA</



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R644	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R645	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R648	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R650	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R651	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R653	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R654	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R678	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R679	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R680	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R802	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R9002	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R901	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R9016	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R9023	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R9025	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R911	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R916	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R917	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R919	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R937	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R947	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R966	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R967	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R971	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R972	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R973	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R977	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R978	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R999	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R562	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	SA
....4	R100	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R402_EU	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R404_EU	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R405	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R410	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R114	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R307	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R311	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R403	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R407	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R408	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R411	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R429	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R474	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R476	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R487	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R528	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R590	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R591	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R810	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R9026	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R946	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R106	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R312	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R322	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R522	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R535	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R537	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R554	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R576	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R905	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R928	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R935	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R530	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R532	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R925	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R926	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R963	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R964	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R242	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R526	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R541	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R578	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R593	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R655	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R808	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R809	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9033	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9034	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9051	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9052	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9053	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9054	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9055	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9056	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9057	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R908	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R918	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R923	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R924	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R927	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R929	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R930	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R938	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R943	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R962	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R996	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R426	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R427	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R302	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R303	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R316	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R445	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R447	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R459	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R473	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R515	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R519	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R555	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R556	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R610	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R661	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R673	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R801	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R803	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R804	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9029	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9043	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R906	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R907	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R912	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R915	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R954	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R956	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R970	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R994	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R995	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R806	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R664	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R666	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R101	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R670	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R914	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R313	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R400_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R401_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R601	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R646	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R652	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R657	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R665	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R993	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R602	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R603	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R604	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R605	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R606	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R607	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R608	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R609	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R626	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R627	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R628	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R629	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R630	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R632	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R633	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R660	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R663	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R667	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R800	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R107	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R111	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R112	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R668	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R5004	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R550	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R551	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R553	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R638	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R236	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R237	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R238	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R683	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R490_EU	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R413	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R417	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R420_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R421_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R434	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R481	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R323	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R324	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R325	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R326	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R327	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R328	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R329	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R330	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R942	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R955_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R957_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R969	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R974	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R975	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R979	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R980	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R982	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R983	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R984	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R985	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R986	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R987	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R988	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R989	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R990	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R991	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R992	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R997	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R412	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R416	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R9041	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R9042	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R557	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R117	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R118	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R414	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R415	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R418	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R477	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R478	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R482	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R902	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R903	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R948	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R223	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R228	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R805	2007-001068	R-CHIP;6.8Kohm,1%,1/10W,TP,1608	1	SA
....4	R419_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R432_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R110	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R318	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R320	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R423	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R424	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R425	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R428_EU	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R435	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R484	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R485	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R486	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R468	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R469	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R470	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R471	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R472	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R483	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R496	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R497	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R430_EU	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R675	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R677	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R681	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R684	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	IC223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA221	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA222	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA224	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA225	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA226	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA227	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA903	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA904	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA906	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA907	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA908	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA910	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA500	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA501	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA900	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA901	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA902	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA905	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA909	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA911	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA913	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA916	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA917	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA918	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA919	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA920	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA921	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA922	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C6003	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C616	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C632	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C250	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C303	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C486	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C512	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C513	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C514	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C516	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C517	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C518	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C521	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C522	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C523	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C524	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C525	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C526	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C527	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C529	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C530	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C532	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C533	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C534	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C535	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C537	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C538	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C545	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C548	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C549	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C551	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C553	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C554	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C555	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C558	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C560	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C561	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C564	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C565	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C566	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C567	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C568	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C569	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C570	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C571	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C572	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C573	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C577	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C588	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C589	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C590	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C591	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C593	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C595	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C597	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C598	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6017	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C620	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C625	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C626	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C627	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C628	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C644	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C649	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C651	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C652	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C660	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C664	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C680	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C682	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C687	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C801	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C803	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C805	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C812	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C813	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C815	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C817	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C834	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C836	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C839	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C840	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C849	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C867	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C868	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C900	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C904	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C943	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C117	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C118	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C269	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C270	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C400_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C401	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C402_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C403	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C404	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C405	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C406	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C407	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C408_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C410_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C412	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C413	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C423	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C424	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C487	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	C488	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C6006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C6007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C6008	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C623	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C678	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C679	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C926	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C928	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C930_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C936_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
...4	C101	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C228	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C229	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C230	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C231	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C232	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C238	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C241	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C244	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C264	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C265	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C268	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C504	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C505	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C506	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C507	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C508	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C541	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C622	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C800	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C802	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C810	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C814	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C816	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C830	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C843	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C944	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
...4	C841	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
...4	C901	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
...4	C903	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
...4	C908	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
...4	C931	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
...4	C933	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
...4	C937	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
...4	C114	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA
...4	C575	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
...4	C592	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
...4	C500	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
...4	C510	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
...4	C639	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
...4	C647	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
...4	C911	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
...4	C912	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
...4	C938	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
...4	C939	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
...4	C842	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
...4	C304	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
...4	C305	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
...4	C483	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
...4	C484	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
...4	C688	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
...4	C696	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
...4	C945_EU	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
...4	C662	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
...4	C663	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
...4	C435_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
...4	C436_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
...4	C437_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
...4	C115	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C223	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C224	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C502	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C503	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C674	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C675	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
...4	C104	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
...4	C634	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
...4	C266	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
...4	C409_EU	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C411	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C629	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
....4	C106	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C6009	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C670	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C672	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C617	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C631	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C673	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C221	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C222	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C235	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C236	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C261	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C501	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C519	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C528	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C543	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C601	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C640	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C641	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C642	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C643	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C657	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C665	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C822	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C825	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C851	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C853	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C856	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C859	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C861	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C914	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C915	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C916	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C918	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C920	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C922	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C923	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C924	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C925	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C935	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C941	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C689	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C697	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C300	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C536	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C699	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C823	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C870	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C919	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C942	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C6001	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6002	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6005	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6011	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C677	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C681	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C683	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C685	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C690	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C691	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C692	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C693	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C694	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C695	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C698	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C546	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C547	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C550	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C552	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C556	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C557	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C559	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C562	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C563	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C578	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C579	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C580	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C581	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C582	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C583	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C584	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C585	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C586	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C594	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C596	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C824	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C302	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C574	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C576	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C587	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C599	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C600	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C6015	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C603	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C604	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C606	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C607	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C608	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C609	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C610	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C611	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C613	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C618	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C621	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C624	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C636	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C645	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C646	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C650	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C653	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C654	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C655	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C656	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C658	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C686	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C852	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C855	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C921	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5001	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C5002	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C806	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C819	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C835	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C239	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C240	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C102	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C107	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C108	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C615	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C668	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C669	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C671	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C811	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C848	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C854	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C116	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C249	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C509	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C635	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C667	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C807	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C820	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C666	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C485	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C531	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C684	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C826	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C902	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C907	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C913	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C917	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C950	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C100	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C227	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C237	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C542	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C633	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C850	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C866	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C6010	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C676	2402-001221	C-AL,SMD;470UF,20%,16V,-,TP,A8.3XB8.3XL1	1	SA
....4	C520	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	SA
....4	C113	2402-001238	C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm	1	SA
....4	C833	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
....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	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001229	INDUCTOR-SMD;2.2uH,10%,1608	1	SA
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	SA
....4	T0052	2703-002327	INDUCTOR-SMD;3.9uH,5%,3225	1	SA
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	T0052	2703-002915	INDUCTOR-SMD;22uH,20%,8080	1	SA
....4	X904	2801-003326	CRYSTAL-SMD;24MHz,30PPM,28-ABX,20PF,50OH	1	SA
....4	X903	2801-003923	CRYSTAL-SMD;10MHz,30ppm,28-AAN,20pF,60oh	1	SA
....4	X600	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	SA
....4	X500	2801-004483	CRYSTAL-SMD;28.322MHz,30ppm,HC-49,20pF,5	1	SA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	SA
....4	T0568	3301-			

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	4	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	4	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	1	SNA
..2	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	SNA
..2	M2893	BH39-00362B	LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm	1	SA
..2	M2893	BN39-00603M	LEAD CONNECTOR;LE40R73BDX,UL1007#26,14P,	1	SA
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA
..2	M2893	BN39-00691A	LEAD CONNECTOR;Torino-32,UL1007#26,16P,1	1	SA
..2	M2893	BN39-00712C	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U	1	SA
..2		BN61-02364A	BRACKET-STAND LINK;SONOMA 32,SECC,T1.6	1	SNA
..2	32" AMLCD	BN61-02419A	BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A	4	SNA
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	SNA
..2	T0447	BN96-02999A	ASSY BRACKET P-PANEL;BORDEAUX,32,AMLCD,S	1	SNA
..3	M0146	BN61-02194A	BRACKET-PANEL TOP;Bordeaux 32,SECC,T1.2	1	SNA
..3		BN61-02195A	BRACKET-PANEL BOTTOM;Bordeaux 32,SECC,T1	1	SNA
..3		BN61-02198A	BRACKET-GUIDE MAIN;Bordeaux 32,SECC,T1.2	1	SNA
..3		BN61-02199A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	SNA
..3		BN61-02200A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	SNA
..3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	SNA
..2		BN96-03186F	ASSY BOARD P-HOLDER AV;SONOMA,32,EO,HIPS	1	SNA
..3		BN61-02365B	HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500	1	SNA
..3	T0578	BN64-00454A	INLAY AV;BORDEAUX,H/GLOSSY,PS SHEET,T0.3	1	SNA
..3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	SA
..3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL	1	SA
..2	T0159	BN96-03775A	ASSY PCB P-SMPS;FreeVoltage SMPS,LA32R71	1	SA
1	M0003	BN92-01700D	ASSY BOX;32T70,EO,SONOMA	1	SNA
..2	T0130	BN69-01312C	BOX-00,SET;32T7,SY-05,A,YEL,A1,EUROPE	1.02	SNA
1	M0113	BN92-01703A	ASSY P/MATERIAL;32T70,SONOMA	1	SNA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.016	SNA
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.007	SNA
..2	T0524	6902-000519	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.05(	1	SNA
..2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	6.35	SNA
1	M0045	BN92-01926A	ASSY ACCESSORY;LE27S71BX	1	SNA
..2	M0045	BN96-03946A	ASSY ACCESSORY;LE27S71BX/XEC	1	SA
..3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	SA
..3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	SNA
..3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	SNA
..3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	SNA
..3	ACCESSORY	AA68-03575B	MANUAL FLYER-010,REGISTRATION;XEG,GERMAN	1	SNA
..3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	SNA
..3	ACCESSORY	AA68-03575D	MANUAL FLYER-02,REGISTRATION C;XEC,SPANI	1	SNA
..3	ACCESSORY	AA68-03575E	MANUAL FLYER-02,REGISTRATION C;XET,ITALY	1	SNA
..3	ACCESSORY	AA68-03575F	MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH	1	SNA
..3	ACCESSORY	AA68-03575G	MANUAL FLYER-01,REGISTRATION C;XEP,PORTU	1	SNA
..3	T0074	BN59-00507A	REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP,	1	SA
..3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	SNA
..3	T0531	BN63-02415B	COVER-BOTTOM;SONOMA,32,HIPS,HB,BK500	1	SNA
..3	ACCESSORY	BN68-00514A	MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV	1	SNA
..3	T0059	BN68-00895A	MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR	1	SNA
..3	T0511	BN68-01001J	MANUAL USERS;COMM,SAMSUNG,7Langs,W,Europ	1	SNA
..3	ACCESSORY	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63	1	SNA
..3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	SA
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	SNA
1	M0019	BN92-01929A	ASSY LABEL;LE32S71B,LE27S71B	1	SNA

## 6-3 LE37S71B Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE37S71BX/XEC	LE37S71B,Q62Q/37S70-GSM,37,LCD-TV,SPAIN	0	
1	M0216	BN90-00966A	ASSY STAND;40T70,ABS+PMMA,HB,BK23,H/GLOS	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
..2	M0013	BN96-03697A	ASSY STAND P-BASE;SONOMA40,ABS+PMMA,HB,B	1	SA
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	7	SA
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	11	SA
...3		BN61-01811A	BRACKET-STAND BOTTOM;40 MILANO,SECC,T3.0	1	SNA
...3		BN61-02361A	GUIDE-STAND;SONOMA 40,HIPS V0,BK500	1	SNA
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.45	SNA
...3	T0004	BN63-02698A	COVER-STAND BASE;GML40,ABS+PMMA,HB,BK23,	1	SNA
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	9	SNA
1	M0001	BN90-01030A	ASSY COVER FRONT;37T70,EQ,ABS+PMMA,HB,BK	1	SNA
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK)	4	SNA
..2	T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	SA
..2	T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,N	1	SA
..2	T0003	BN96-04044A	ASSY COVER P-FRONT;37S71,EQ,ABS+PMMA,HB,	1	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLON6/	2	SNA
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	SA
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	1.983	SNA
...3	M0112	BN63-02747A	COVER-FRONT;37S71,EQ,ABS+PMMA,-,-,HB,-	1	SNA
...3	T0056	BN63-02749A	COVER-DECORATION;37T7,HIPS,HB,GR70,Spray	1	SNA
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	SNA
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	SNA
...3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0	1	SNA
...3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	SNA
...3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	SNA
...3	M0146	BN96-03438A	ASSY BOARD P-POWER & IR;BORDEAUX2,CT5000	1	SA
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	SA
1	M0002	BN90-01031A	ASSY COVER REAR;37S71,EQ,HIPS,HB,BK500	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	SA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	12	SA
..2	M0013	BN96-04045A	ASSY COVER P-REAR;37S71,EQ,HIPS,HB,BK500	1	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	T0101	BN61-02032A	BRACKET-WALL;32,MGM,SECC,T1.6	1	SNA
...3	M0006	BN63-02748A	COVER-REAR;37S71,HIPS,-,-,HB,-,BK500,S	1	SNA
...3	T0071	BN64-00444B	INLAY-TERMINAL;32,37,40R71,(BLK),PS SHEE	1	SNA
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	SNA
1	MP1.0	BN91-00912H	ASSY LCD-AMZ;ROME 37",AUO(T370XW01)	1	SNA
..2	M0215	BN07-00255A	LCD-PANEL;T370XW01,8bit,877.0*514.6*54.7	1	SA
1	M0017	BN91-01144A	ASSY CHASSIS;LE37S71BX/*	1	SNA
..2	M0014	BN94-01041A	ASSY PCB MAIN;LE37S71BX/*	1	SA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.25	SNA
...3	JA709	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	SA
...3	CN330	3711-004068	HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL	1	SA
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	SA
...3	CN503	3711-005884	HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG	1	SA
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	SA
...3	JA701_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA702_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	1	SA
...3	CIS3	BN40-00079A	TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H),	2	SNA
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE	1	SNA
...3	CIS8	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI	1	SNA
...3	T0174	BN97-01105A	ASSY SMD;LE37S71BX/*	1	SNA
...4	CIS5	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.033	SNA
...4	D100	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D202	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D226	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D227	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D228	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D307	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...4	D320	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D321	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D322	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D323	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D324	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D325	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D326	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D327	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D422_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D423_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D424_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D425_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D467	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D485	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D486	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D487	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D494	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D498_DE	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D800	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	SA
...4	D801	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D906	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D300	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D304	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D305	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D490	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D491	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D492	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D493	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D499	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D500	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D501	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D502	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D503	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D505	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D506	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D507	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D508	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D509	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D510	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D511	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D512	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D513	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D909	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D911	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D301	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
...4	D418	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
...4	D421	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
...4	D101	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	SA
...4	D308	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D309	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D400_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D401	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D402_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D403	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D404	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D405	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D406	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D407	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D408	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D419_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D420_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D428	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D429_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D461	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D462	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D470	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D471	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D472	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D483	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D484	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D495_DE	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D496_DE	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D497_DE	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
...4	D600	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
...4	D601	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D900	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D901	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D910_OP	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q603	0501-000280	TR-SMALL SIGNAL;KSA1182,NPN,150MW,SOT-23	1	SA
....4	Q100	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q301	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q600	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q601	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q602	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q605	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q606	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q609	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q802	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q900	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q904	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q905	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q906	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q972	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q973	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q222	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q800	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q801	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;Si9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	SA
....4	IC900	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	SNA
....4	IC605	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC905	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM1754,24BIT,SSOP,16P,	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	SA
....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	IC222	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	IC910	1203-001559	IC-RESET;DS1834A,SOIC,8P,150MIL,PLASTIC,	1	SA
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	SA
....4	IC909_OP	1203-001824	IC-VOL. DETECTOR;7042,SOT-89,3P,-,PLASTI	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSI.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	IC601	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	SNA
....4	R422_EU	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R221	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R222	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R9004	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9005	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9006	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9007	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9008	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9009	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9010	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9015	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9028	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9032	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R976	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R109	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R807	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	37_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R321	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R440_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R441_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R442_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R443_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R444	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R446	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	R528	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R590	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R591	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R810	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R9026	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R946	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R106	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R312	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R322	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R522	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R535	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R537	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R554	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R576	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R905	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R928	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R935	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R530	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R532	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R925	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R926	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R963	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R964	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R242	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R526	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R541	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R578	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R593	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R655	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R808	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R809	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9033	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9034	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9051	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9052	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9053	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9054	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9055	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9056	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9057	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R908	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R918	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R923	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R924	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R927	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R929	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R930	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R938	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R943	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R962	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R996	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R426	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R427	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R302	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R303	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R316	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R445	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R447	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R459	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R473	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R515	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R519	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R555	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R556	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R610	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R661	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R673	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R801	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R803	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R804	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9029	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9043	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R906	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R907	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R912	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R915	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R954	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R956	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R970	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R994	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R995	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R806	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R664	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R666	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R101	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R670	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R914	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R313	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R400_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R401_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R601	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R646	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R652	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R657	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R665	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R993	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R602	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R603	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R604	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R605	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R606	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R607	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R608	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R609	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R626	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R627	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R628	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R629	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R630	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R632	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R633	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R660	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R663	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R667	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R800	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R107	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R111	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R112	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R668	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R5004	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R550	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R551	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R553	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R638	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R236	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R237	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R238	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R9027	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R683	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R490_EU	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R413	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R417	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R420_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R421_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R434	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R481	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R323	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R324	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R325	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R326	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R327	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R328	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R329	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R330	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R942	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R955_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R957_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R969	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R974	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R975	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R979	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R980	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R982	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R983	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R984	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R985	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R986	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R987	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R988	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R989	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R990	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R991	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R992	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R997	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R412	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R416	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R695	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R9041	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R9042	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R557	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R117	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R118	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R414	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R415	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R418	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R477	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R478	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R482	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R902	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R903	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R948	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R223	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R228	2007-001014	R-CHIP;51OHM,5%,1/10W,TP,1608	1	SA
....4	R805	2007-001068	R-CHIP;6.8Kohm,1%,1/10W,TP,1608	1	SA
....4	R419_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R432_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R110	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R318	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R320	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R423	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R424	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R425	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R428_EU	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R431_DE	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R435	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R484	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R485	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R486	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R468	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R469	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R470	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R471	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R472	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R483	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R496	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R497	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R430_EU	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R675	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R677	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R681	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R684	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	IC223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA221	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA222	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA224	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA225	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	RA226	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA227	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA903	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA904	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA906	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA907	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA908	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA910	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA500	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA501	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA900	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA901	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA902	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA905	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA909	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA911	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA913	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA916	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA917	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA918	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA919	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA920	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA921	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA922	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C6003	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C616	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C632	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C250	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C303	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C486	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C512	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C513	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C514	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C516	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C517	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C518	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C521	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C522	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C523	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C524	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C525	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C526	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C527	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C529	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C530	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C532	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C533	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C534	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C535	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C537	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C538	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C545	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C548	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C549	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C551	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C553	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C554	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C555	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C558	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C560	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C561	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C564	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C565	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C566	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C567	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C568	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C569	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C570	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C571	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C572	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C573	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C577	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C588	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C589	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C590	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C591	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C593	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C595	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C597	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C598	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6017	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C620	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C625	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C626	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C627	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C628	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C644	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C649	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C651	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C652	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C660	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C664	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C680	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C682	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C687	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C801	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C803	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C805	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C812	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C813	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C815	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C817	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C834	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C836	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C839	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C840	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C849	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C867	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C868	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C900	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C904	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C943	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C117	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C118	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C269	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C270	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C400_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C401	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C402_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C403	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C404	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C405	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C406	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C407	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C408_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C410_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C412	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C413	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C423	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C424	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C487	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C488	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C6006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C6007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C6008	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C623	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C678	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C679	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C926	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C928	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C930_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C936_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C101	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C228	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C229	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C230	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C231	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C232	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C238	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C241	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C244	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C264	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C265	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C268	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C504	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C505	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C506	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C507	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C508	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C541	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C622	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C800	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C802	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C810	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C814	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C816	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C830	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C843	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C944	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C841	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C901	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C903	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C908	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C931	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C933	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C937	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C114	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA
....4	C575	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C592	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C500	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C510	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C639	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C647	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C911	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C912	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C938	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C939	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C842	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C304	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C305	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C483	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C484	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C688	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C696	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C945_EU	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C662	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C663	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C435_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C436_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C437_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C115	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C223	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C224	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C502	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C503	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C674	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C675	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C104	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C634	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C266	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C409_EU	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C411	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C629	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
....4	C106	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C6009	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C670	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C672	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C617	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C631	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C673	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C221	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C222	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C235	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C236	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C261	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C501	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C519	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C528	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C543	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C601	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C640	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C641	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C642	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C643	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C657	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C665	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C822	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C825	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C851	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C853	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C856	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C859	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C861	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C914	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C915	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C916	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C918	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C920	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C922	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C923	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C924	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C925	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C935	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C941	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C689	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C697	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C300	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C536	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C699	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C823	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C870	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C919	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C942	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C6001	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6002	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6005	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6011	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C677	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C681	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C683	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C685	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C690	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C691	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C692	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C693	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C694	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C695	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C698	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C546	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C547	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C550	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C552	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C556	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C557	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C559	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C562	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C563	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C578	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C579	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C580	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C581	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C582	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C583	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C584	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C585	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C586	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C594	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C596	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C824	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C302	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C574	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C576	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C587	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C599	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C600	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C6015	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C603	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C604	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C606	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C607	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C608	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C609	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C610	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C611	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C613	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C618	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C621	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C624	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C636	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C645	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C646	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C650	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C653	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C654	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C655	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C656	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C658	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C686	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C852	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C855	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C921	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5001	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C5002	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C806	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C819	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C835	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	SA
....4	C239	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C240	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	SA
....4	C102	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C107	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C108	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C615	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C668	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C669	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C671	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C811	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C848	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C854	2402-001128	C-AL,SMD;100UF,20%,16V,WT,TP,6.3X5.7MM	1	SA
....4	C116	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C249	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C509	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C635	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C667	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C807	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C820	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	SA
....4	C666	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	SA
....4	C485	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C531	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C684	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C826	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C902	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C907	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C913	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C917	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C950	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	SA
....4	C100	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C227	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C237	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C542	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C633	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C850	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C866	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA

[illegible]



## 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	6	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	4	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	2	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	1	SNA
..2	M2893	BH39-00362B	LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm	1	SA
..2	M2893	BN39-00603J	LEAD CONNECTOR;LE37**AUO,UL1007#26,14P,3	1	SA
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA
..2	M2893	BN39-00691A	LEAD CONNECTOR;Torino-32,UL1007#26,16P,1	1	SA
..2	M2893	BN39-00721C	LEAD CONNECTOR-LVDS;LE37,UL1571#30,UL/CS	1	SA
..2		BN61-02241A	BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2	1	SNA
..2		BN61-02242A	BRACKET-PANEL SIDE;Bordeaux 37,SECC,T1.2	1	SNA
..2		BN61-02258A	BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6	1	SNA
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	1	SNA
..2	T0159	BN96-03050A	ASSY PCB P-SMPS;Bordeaux 37 PFC,LE37R71B	1	SA
..2		BN96-03186E	ASSY BOARD P-HOLDER AV;SONOMA,40,EO,HIPS	1	SNA
..3	M2893	BN39-00672B	LEAD CONNECTOR;LNR469DX/XAA,UL2835#28,14	1	SA
..3		BN61-02365B	HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500	1	SNA
..3	T0578	BN64-00454A	INLAY AV;BORDEAUX,H/GLOSSY,PS SHEET,T0.3	1	SNA
..3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	SA
..2	T0447	BN96-03253A	ASSY BRACKET P-PANEL;BORDEAUX-2,37,AUO,S	1	SNA
..3	M0146	BN61-02239A	BRACKET-PANEL TOP;Bordeaux 37,SECC,T1.2	1	SNA
..3		BN61-02240A	BRACKET-PANEL BOTTOM;Bordeaux 37,SECC,T1	1	SNA
..3		BN61-02243A	BRACKET-GUIDE MAIN;Bordeaux 37,SECC,T1.2	1	SNA
..3		BN61-02244A	BRACKET-GUIDE POWER;Bordeaux 37,SECC,T1.	1	SNA
..3		BN61-02245A	BRACKET-GUIDE POWER;Bordeaux 37,SECC,T1.	1	SNA
..3	M0131	BN63-02549A	GASKET;LE37R72B,Conductive Fabric,26mm,1	1	SNA
..3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	SNA
..3	T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	SNA
1	M0019	BN92-01929A	ASSY LABEL;LE32S71B,LE27S71B	1	SNA
1	M0045	BN92-01953A	ASSY ACCESSORY;LE37S71BX/XEC	1	SNA
..2	M0045	BN96-03979A	ASSY ACCESSORY;LE37S71BX/XEC	1	SNA
..3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3,YES,U(IEC C13-R	1	SA
..3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28.2	2	SNA
..3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	SNA
..3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	SNA
..3	ACCESSORY	AA68-03575B	MANUAL FLYER-010,REGISTRATION;XEG,GERMAN	1	SNA
..3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	SNA
..3	ACCESSORY	AA68-03575D	MANUAL FLYER-02,REGISTRATION C;XEC,SPANI	1	SNA
..3	ACCESSORY	AA68-03575E	MANUAL FLYER-02,REGISTRATION C;XET,ITALY	1	SNA
..3	ACCESSORY	AA68-03575F	MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH	1	SNA
..3	ACCESSORY	AA68-03575G	MANUAL FLYER-01,REGISTRATION C;XEP,PORTU	1	SNA
..3	T0074	BN59-00507A	REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP,	1	SA
..3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	SNA
..3	T0531	BN63-02416B	COVER-BOTTOM;SONOMA,40,HIPS,HB,BK500	1	SNA
..3	T0059	BN68-00895A	MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR	1	SNA
..3	T0511	BN68-01001J	MANUAL USERS;COMM,SAMSUNG,7Langs,W.Europ	1	SNA
..3	ACCESSORY	BN69-01052A	BOX ACCESSORY-00;ALL,CB-SW1,YEL,W603,D67	1	SNA
..3	T0238	BN68-00514C	MANUAL FLYER-WARRANTY CARD;comm,Samsung,	1	SNA
1	M0113	BN92-01968A	ASSY P/MATERIAL;37S71,SONOMA	1	SNA
..2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	0.017	SNA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.086	SNA
..2	T0524	6902-000524	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	SNA
..2	T0214	AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	2	SNA
..2	T0010	AA61-20285A	HOLDER;CTV,PP,NTR,HB	2	SNA
..2	T0172	AA69-02609A	BAND-PP;W18,CLEA,1G	4.85	SNA
1	M0003	BN92-01969A	ASSY BOX;37S71,EO,SONOMA	1	SNA
..2	M0006	BN69-01473A	BOX-00,SET,OUT;37S7,DY-01,AB,YEL,C-03,W1	1.02	SNA
..2	M0521	BN69-01474A	BOX-SET,IN;37T7,DY-01,AB,YEL,C-01,W1470,	1.02	SNA

## 6-4 LE40S71B Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LE40S71BX/XEC	LE40S71B,Q62C/40S70-GSM,40,LCD-TV,SPAIN	0	
1	M0001	BN90-00857D	ASSY COVER FRONT;40T70,EO,-,ABS+PMMA,HB,	1	SNA
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,W/P,B,M4.0,L12,ZPC(BLK	4	SNA
..2	T0175	BN96-03247A	ASSY SPEAKER P;8ohm,Sonoma 32,Left,10W,N	1	SA
..2	T0175	BN96-03248A	ASSY SPEAKER P;8ohm,Sonoma 32,Right,10W,	1	SA
..2	T0003	BN96-03394C	ASSY COVER P-FRONT;40T70,EO,ABS+PMMA,HB,	1	SA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
...3	M0162	6502-001067	CABLE CLAMP;DAFC-1300,ID2.2,T5.2,NYLIN6/	2	SNA
...3	T0069	AA60-00171V	SPACER-FELT;BE46PS,FELT,500,T0.35,10	2	SNA
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	SA
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	2.21	SNA
...3	T0056	BN63-02414A	COVER-DECORATION;SONOMA 40,HIPS,HB,GR503	1	SNA
...3	M0112	BN63-02552B	COVER-FRONT;40T70,EO,ABS+PMMA,-,-,HB,-	1	SNA
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	SNA
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	SNA
...3	T0022	BN64-00467A	KNOB CONTROL;SONOMA26,32,40,ABS,-,-,V0	1	SNA
...3	T0023	BN64-00476A	KNOB POWER;SONOMA,26,32,40,HIPS,HB,GR503	1	SNA
...3	T0054	BN64-00477A	KNOB-DECORATION;SONOMA26,32,40,ABS,HB,GR	1	SNA
...3	M0146	BN96-03438A	ASSY BOARD P-POWER;BORDEAUX2,CT5000-4150	1	SA
...3	M0145	BN96-03466A	ASSY BOARD P-FUNCTION;SONOMA,SJ06-01-008	1	SA
1	M0002	BN90-00878C	ASSY COVER REAR;40T71,EO,HIPS,HB,BK500	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	12	SA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	3	SA
..2	M0013	BN96-03839A	ASSY COVER P-REAR;40T71,EO,HIPS,HB,BK500	1	SA
...3	T0101	BN61-02032A	BRACKET-WALL;32,MGM,SECC,T1.6	1	SNA
...3	M0006	BN63-02660A	COVER-REAR;40S71,HIPS,-,-,HB,-,BK500,S	1	SNA
...3	T0071	BN64-00444B	INLAY-TERMINAL;32,37,40R71,(BLK),PS SHEE	1	SNA
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	SNA
1	M0216	BN90-00966A	ASSY STAND;40T70,ABS+PMMA,HB,BK23,H/GLOS	1	SNA
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	SA
..2	M0013	BN96-03697A	ASSY STAND P-BASE;40T70,ABS+PMMA,HB,BK23	1	SA
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	7	SA
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(YEL),SWR	11	SA
...3		BN61-01811A	BRACKET-STAND BOTTOM;40 MILANO,SECC,T3.0	1	SNA
...3		BN61-02361A	GUIDE-STAND;SONOMA 40,HIPS V0,BK500	1	SNA
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.45	SNA
...3	T0004	BN63-02698A	COVER-STAND BASE;GML40,ABS+PMMA,HB,BK23,	1	SNA
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	9	SNA
1	T0852	BN91-01017B	ASSY LCD-SPZ;LE40R71BX/*	1	SA
..2	M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	SA
1	M0112	BN91-01115A	ASSY SHIELD;LE40S71BX	1	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	SNA
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	SNA
..2	M0081	6003-000133	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(BLK),SW	3	SA
..2	M0081	6003-000133	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(BLK),SW	2	SA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SNA
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SNA
..2	T0081	6006-000245	SCREW-MACHINE;WSP,PH,+,M4,L8,ZPC(YEL),SW	1	SNA
..2	M2893	BH39-00362B	LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm	1	SA
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	SA
..2	M2893	BN39-00691B	LEAD CONNECTOR;LE32R71BX,UL1007#26,16P,1	1	SA
..2	M2893	BN39-00712E	LEAD CONNECTOR-LVDS;Bordeaux,UL1571#30,U	1	SA
..2	M2893	BN39-00716B	LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2	1	SA
..2	M2893	BN39-00717A	LEAD CONNECTOR;LE32R71BX/XEC,UL3443#28,5	1	SA
..2	M0174	BN44-00134C	IP BOARD;PSIV230601A,40*BORDEAUX,2.0-3.0	1	SA
..2		BN61-02256B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	SNA
..2		BN61-02257B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	SNA
..2		BN61-02258A	BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6	1	SNA
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	SNA
..2		BN96-03186E	ASSY BOARD P-HOLDER AV;SONOMA,40,EO,HIPS	1	SNA
...3	M2893	BN39-00672B	LEAD CONNECTOR;LNR469DX/XAA,UL2835#28,14	1	SA
...3		BN61-02365B	HOLDER-SIDE AV;SONOMA,32,HIPS,HB,BK500	1	SNA
...3	T0578	BN64-00454A	INLAY AV;BORDEAUX,H/GLOSSY,PS SHEET,T0.3	1	SNA
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	T0447	BN96-03528B	ASSY BRACKET P-PANEL;SONOMA,40EO,READY,S	1	SNA
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+.B,M3,L6,ZPC(BLK),SWRC	2	SNA
...3	T0069	AA60-00091J	SPACER-FELT;-FELT,330X10,-,-,BLK,T0.5,-	2	SNA
...3	M0131	AA63-01401A	GASKET;LE40R71BX,Conductive Fabric,22mm,	1	SNA
...3	M0146	BN61-02251B	BRACKET-PANEL TOP;Bordeaux 40,SECC,T1.2	1	SNA
...3		BN61-02252B	BRACKET-PANEL BOTTOM;Bordeaux 40,SECC,T1	1	SNA
...3		BN61-02253A	BRACKET-GUIDE MAIN;Bordeaux 40,SECC,T1.2	1	SNA
...3		BN61-02254A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	SNA
...3		BN61-02255A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	SNA
...3	T0101	BN61-02438A	BRACKET-WALL;MOSEL 40,SECC T1.6	1	SNA
1	M0017	BN91-01117A	ASSY CHASSIS;LE40S71BX	1	SNA
..2	M0014	BN94-01033A	ASSY PCB MAIN;LE40S71BX	1	SA
...3	T0245	0202-001522	SOLDER-WIRE FLUX;LFA3-107,-,D1.2,96.5Sn/	0.25	SNA
...3	JA709	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	SA
...3	CN330	3711-004068	HEADER-BOARD TO CABLE;BOX,5P,1R,2MM,ANGL	1	SA
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	SA
...3	CN503	3711-005884	HEADER-BOARD TO BOARD;BOX,30P,2R,2mm,ANG	1	SA
...3	CN330	3711-005942	HEADER-BOARD TO CABLE;BOX,16P,1R,2mm,STR	1	SA
...3	JA701_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA702_EU	3722-000498	JACK-SCART;21P,-,SN,BLK,NO	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	SA
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	SA
...3	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	SNA
...3	CIS3	BN40-00079A	TUNER;TCPW3001PD32S(H),TCPW3001PD32S(H),	1	SA
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE	1	SNA
...3	CIS8	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI	1	SNA
...3	T0174	BN97-01081A	ASSY SMD;LE40S71BX	1	SNA
...4	CIS5	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.033	SNA
...4	D100	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D202	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D226	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D227	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D228	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D307	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D320	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D321	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D322	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D323	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D324	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D325	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D326	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D327	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D422_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D423_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D424_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D425_EU	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D467	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D485	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D486	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D487	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D494	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4	D800	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	SA
...4	D801	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D906	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	SA
...4	D300	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D304	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D305	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D490	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D491	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D492	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D493	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D499	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D500	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D501	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D502	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D503	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D505	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
...4	D506	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D507	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D508	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D509	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D510	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D511	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D512	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D513	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D909	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D911	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D301	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
....4	D418	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D421	0403-001169	DIODE-ZENER;RLZ16C,15.96-16.51V,500MW,LL	1	SA
....4	D101	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	SA
....4	D308	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D309	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D400_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D401	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D402_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D403	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D404	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D405	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D406	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D407	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D408	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D419_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D420_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D428	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D429_EU	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D461	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D462	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D470	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D471	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D472	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D483	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D484	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D600	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D601	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D900	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D901	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q603	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	SA
....4	Q100	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q301	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q600	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q601	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q602	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q605	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q606	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q609	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q802	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q900	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q904	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q905	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q906	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q972	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q973	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q222	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q800	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q801	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	SA
....4	IC900	0903-001432	IC-MICROCOMPUTER;M30840SGP,16Bit,LQFP,10	1	SNA
....4	IC605	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	SA
....4	IC905	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	SA
....4	IC107	1002-001399	IC-D/A CONVERTER;PCM11754,24BIT,SSOP,16P,	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232CEWE+T,SOP,16P,	1	SA
....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	IC222	1105-001538	IC-VIDEO RAM;K4D263238,-,128M,4x1Mx32Bit	1	SA

## 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	IC910	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	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	IC601	1204-002464	IC-AUDIO PROCESSOR;STV8257DSX,TQFP,80P,1	1	SA
....4	IC118	1204-002503	IC-VIDEO PROCESS;SVP-PX56-7256,PQFP,256P	1	SNA
....4	R422_EU	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	SA
....4	R221	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R222	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA
....4	R9004	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9005	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9006	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9007	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9008	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9009	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9010	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9015	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9028	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R9032	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R976	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	R109	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	SA
....4	R807	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	SA
....4	40_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R321	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R444	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R446	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R480	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R500	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R501	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R502	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R511	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R512	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R514_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R516	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R523	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R539	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R540	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R542	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R563_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R564_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R565_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R566_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R567_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R568_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R569_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R570_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R571_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R572_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R574	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R575	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R577	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R592	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R656	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R691	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R692	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R693	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9000	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9013	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9014	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R9030	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R909	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R913	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R931	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R932	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R933	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R934	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R936	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R939	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R940	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R941	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R949	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R950	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R951	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R952	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R953	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R998	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R224	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R225	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R226	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R227	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R458	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R499	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R503	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R504	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R505	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R506	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R507	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R508	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R509	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R510	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R518	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R585	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R586	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R104	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R105	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R306	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R308	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R475	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R495	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R611	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R612	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R658	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R659	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R676	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R682	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R108	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R113	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R116	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R243	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R244	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R406	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R409	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R498	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R525	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R533	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R538	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R559	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R582	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R584	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R587	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R614	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R615	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R616	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R617	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R618	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R619	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R620	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R621	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R636	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R637	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R639	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R640	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R644	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R645	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R648	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R650	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R651	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R653	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R654	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R678	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R679	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R680	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R802	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R9002	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R901	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	R9016	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R9023	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R9025	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R911	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R916	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R917	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R919	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R937	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R947	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R966	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R967	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R971	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R972	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R973	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R977	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R978	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R999	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R562	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	SA
....4	R100	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R402_EU	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R404_EU	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R405	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R410	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R114	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R307	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R311	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R403	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R407	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R408	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R411	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R429	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R474	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R476	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R487	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R528	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R590	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R591	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R810	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R9026	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R946	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R103	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R106	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R312	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R322	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R522	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R535	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R537	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R554	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R576	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9019	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R9045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R905	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R928	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R935	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R530	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R532	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R925	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R926	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R963	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R964	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R242	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R526	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R541	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R578	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R593	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R655	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R808	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R809	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9033	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9034	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9035	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9036	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9037	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9038	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R9051	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9052	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9053	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9054	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9055	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9056	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R9057	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R908	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R918	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R923	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R924	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R927	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R929	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R930	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R938	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R943	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R962	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R996	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R426	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R427	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R302	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R303	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R316	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R445	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R447	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R459	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R473	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R515	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R519	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R555	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R556	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R610	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R661	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R673	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R801	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R803	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R804	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9029	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R9043	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R906	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R907	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R912	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R915	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R920	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R921	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R922	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R954	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R956	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R970	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R994	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R995	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R806	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R664	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R666	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	SA
....4	R101	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R670	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R914	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R313	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R400_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R401_EU	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R601	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R646	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R652	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R657	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R665	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R993	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R602	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R603	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R604	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R605	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R606	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R607	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R608	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R609	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R626	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R627	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA



## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R628	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R629	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R630	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R632	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R633	2007-000100	R-CHIP;68Kohm,5%,1/10W,TP,1608	1	SA
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R660	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R663	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R667	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R800	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R107	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R111	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R112	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R668	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	SA
....4	R5004	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R550	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R551	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R553	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R638	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	SA
....4	R236	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R237	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R238	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R683	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	SA
....4	R490_EU	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R413	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R417	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R420_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R421_EU	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R434	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R481	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R323	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R324	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R325	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R326	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R327	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R328	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R329	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R330	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R942	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R955_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R957_OP	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R969	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R974	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R975	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R979	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R980	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R982	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R983	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R984	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R985	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R986	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R987	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R988	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R989	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R990	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R991	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R992	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R997	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	SA
....4	R412	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R416	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R9041	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R9042	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	SA
....4	R557	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R117	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R118	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R414	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R415	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R418	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R477	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R478	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R482	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R902	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R903	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R948	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R223	2007-001014	R-CHIP;510OHM,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R228	2007-001014	R-CHIP;510HM,5%,1/10W,TP,1608	1	SA
....4	R805	2007-001068	R-CHIP;6.8Kohm,1%,1/10W,TP,1608	1	SA
....4	R419_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R432_EU	2007-001131	R-CHIP;68ohm,1%,1/10W,TP,1608	1	SA
....4	R110	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R318	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R320	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R423	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R424	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R425	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R428_EU	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R435	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R484	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R485	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R486	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R468	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R469	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R470	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R471	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R472	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R483	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R496	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R497	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R430_EU	2007-007733	R-CHIP;51ohm,1%,1/10W,TP,1608	1	SA
....4	R675	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R677	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R681	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	R684	2007-008720	R-CHIP;4.7ohm,1%,1/4W,TP,3216	1	SA
....4	IC223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA221	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA222	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA223	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA224	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA225	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA226	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA227	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA903	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA904	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA906	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA907	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA908	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA910	2011-000651	R-NET;10ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA500	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA501	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA900	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA901	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA902	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA905	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA909	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA911	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA913	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA916	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA917	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA918	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA919	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA920	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA921	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA922	2011-001093	R-NET;100OHM,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	C6003	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	SA
....4	C616	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C632	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	SA
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C250	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C303	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C486	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C511	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C512	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C513	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C514	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C516	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C517	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C518	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C521	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C522	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C523	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C524	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	S/A/SNA
....4	C525	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C526	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C527	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C529	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C530	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C532	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C533	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C534	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C535	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C537	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C538	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C545	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C548	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C549	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C551	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C553	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C554	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C555	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C558	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C560	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C561	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C564	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C565	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C566	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C567	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C568	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C569	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C570	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C571	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C572	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C573	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C577	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C588	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C589	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C590	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C591	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C593	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C595	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C597	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C598	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6004	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6016	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C6017	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C620	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C625	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C626	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C627	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C628	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C644	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C649	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C651	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C652	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C660	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C664	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C680	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C682	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C687	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C801	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C803	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C805	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C812	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C813	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C815	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C817	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C834	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C836	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C839	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C840	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C849	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C867	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C868	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C900	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C904	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C943	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C117	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C118	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA



Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C269	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C270	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C400_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C401	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C402_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C403	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C404	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C405	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C406	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C407	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C408_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C410_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C412	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C413	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C423	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C424	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C487	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C488	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C6006	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C6007	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C6008	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C623	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C678	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C679	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C926	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C928	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C930_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C936_EU	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C101	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C111	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C112	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C228	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C229	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C230	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C231	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C232	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C238	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C241	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C244	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C264	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C265	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C268	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C504	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C505	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C506	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C507	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C508	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C541	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C622	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C800	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C802	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C810	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C814	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C816	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C830	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C843	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C944	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C841	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C901	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C903	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C908	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C931	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C933	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C937	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C114	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA
....4	C575	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C592	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	SA
....4	C500	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C510	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C639	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C647	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C911	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C912	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C938	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C939	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	SA
....4	C842	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA

## 6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C304	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C305	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C483	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C484	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C688	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C696	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C945_EU	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C662	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C663	2203-000798	C-CER,CHIP;33nF,10%,16V,X7R,TP,1608,-	1	SA
....4	C435_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C436_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C437_EU	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C115	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C223	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C224	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C502	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C503	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C674	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C675	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C104	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C634	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C266	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C409_EU	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C411	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C629	2203-001402	C-CER,CHIP;220nF,+80-20%,16V,Y5V,TP,1608	1	SA
....4	C106	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C6009	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C670	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C672	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	SA
....4	C617	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C631	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	SA
....4	C673	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	SA
....4	C103	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C110	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C221	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C222	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C235	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C236	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C261	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C501	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C519	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C528	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C543	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C601	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C640	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C641	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C642	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C643	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C657	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C665	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C822	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C825	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C851	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C853	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C856	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C859	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C861	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C914	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C915	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C916	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C918	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C920	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C922	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C923	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C924	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C925	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C935	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C941	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C689	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C697	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C300	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C536	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C699	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C823	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C870	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C919	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C942	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C6001	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6002	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6005	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C6011	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C677	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C681	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C683	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C685	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C690	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C691	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C692	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C693	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C694	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C695	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C698	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C546	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C547	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C550	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C552	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C556	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C557	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C559	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C562	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C563	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C578	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C579	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C580	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C581	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C582	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C583	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C584	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C585	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C586	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C594	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C596	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C824	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C302	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C574	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C576	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C587	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C599	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C600	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C6015	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C603	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C604	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C606	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C607	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C608	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C609	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C610	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C611	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C613	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C618	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C621	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C624	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C636	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C645	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C646	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C650	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C653	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C654	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C655	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C656	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C658	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C686	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C852	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C855	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C921	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C5001	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA
....4	C5002	2402-001059	C-AL,SMD;220UF,20%,6.3V,-,TP,6X6.6X6.6	1	SA

## 6 Electrical Parts List

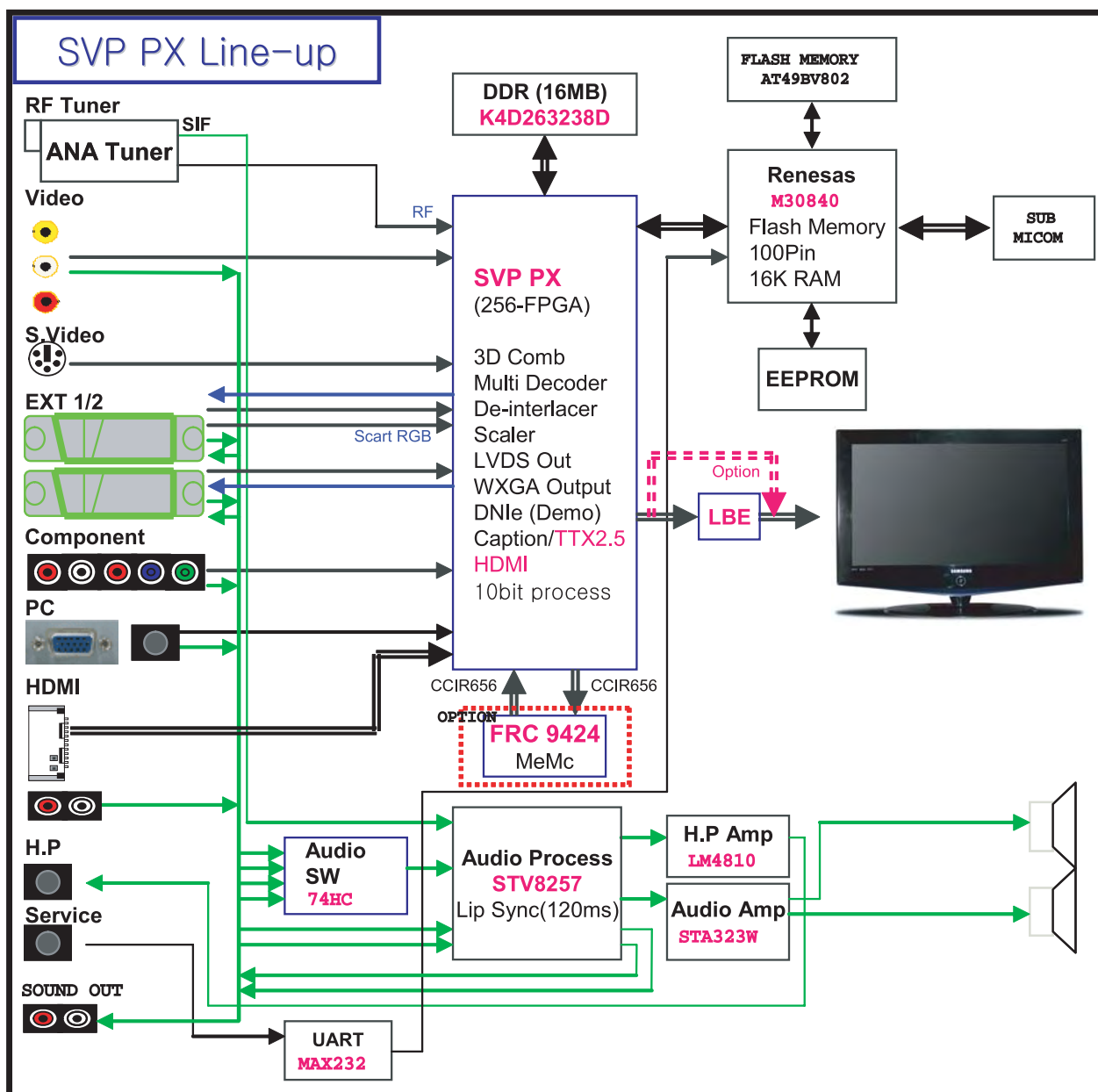
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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	SNA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	SA
....4	T0568	3301-001393	BEAD-SMD;60ohm,3216,1500mA,TP,41ohm/40MH	1	SNA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,-,-	1	SA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	SNA
....4	CN703	3701-001311	CONNECTOR-HDMI;21P,2R,FEMALE,SMD-S,AU30U	1	SA
....4	CN330	3711-005291	HEADER-BOARD TO CABLE;BOX,2P,1R,2MM,SMD-	1	SA
....4	CN330	3711-005292	HEADER-BOARD TO CABLE;BOX,3P,1R,2MM,SMD-	1	SA
....4	CN330	3711-005497	HEADER-BOARD TO CABLE;BOX,15P,1R,1.25MM,	1	SA
....4	T0077	BN41-00680C	PCB MAIN;BORDEAUX,FR-4,4,MP1.2,1.6,192*1	1	SNA
....4	M0018	BN97-00805A	ASSY MICOM;IC-MICROCOMPUTER,LE32R71BX/XE	1	SNA
.....5	IC115	1107-001555	IC-FLASH MEMORY;49BV802A,8MBIT,1MX8/512K	1	SA
....4	M0018	BN97-00805B	ASSY MICOM;IC-MICROCONTROLLER,,LE32R71BX	1	SA
.....5	IC520	0903-001389	IC-MICROCONTROLLER;S3F866B,8Bit,QFP,44P,	1	SNA
....4	R9027	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
1	M0003	BN92-01699D	ASSY BOX;40T70,E0,SONOMA	1	SNA
.2	T0130	BN69-01310C	BOX-00,SET;40T7,DY-01,AB,YEL,A1,EUROPE	1.02	SNA
1	M0113	BN92-01702A	ASSY P/MATERIAL;40T70,SONOMA	1	SNA
.2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.061	SNA
.2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.018	SNA
.2	T0081	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	14.32	SNA
.2	T0524	6902-000411	BAG PE;HDPE/NITRON,T0.015/T0.5,W1300,L13	1	SNA
1	M0045	BN92-01926C	ASSY ACCESSORY;LE40S71BX	1	SNA
.2	M0045	BN96-03946B	ASSY ACCESSORY;LE40S71BX/XEC	1	SA
...3	T0268	3903-000145	CBF-POWER CORD;DT,EU,FP3/YES,U(IEC C13-R	1	SA
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	2	SNA
...3	ACCESSORY	AA68-03242E	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	SNA
...3	ACCESSORY	AA68-03575A	MANUAL FLYER-01,REGISTRATION C;XEU,ENG,U	1	SNA
...3	ACCESSORY	AA68-03575B	MANUAL FLYER-010,REGISTRATION;XEG,GERMAN	1	SNA
...3	ACCESSORY	AA68-03575C	MANUAL FLYER-01,REGISTRATION C;XEF,FRENC	1	SNA
...3	ACCESSORY	AA68-03575D	MANUAL FLYER-02,REGISTRATION C;XEC,SPANI	1	SNA
...3	ACCESSORY	AA68-03575E	MANUAL FLYER-02,REGISTRATION C;XET,ITALY	1	SNA
...3	ACCESSORY	AA68-03575F	MANUAL FLYER-01,REGISTRATION C;XEN,DUTCH	1	SNA
...3	ACCESSORY	AA68-03575G	MANUAL FLYER-01,REGISTRATION C;XEP,PORTU	1	SNA
...3	T0074	BN59-00507A	REMOCON;Bordeaux,TM86,SAMSUNG,45Key,PIP,	1	SA
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	SNA
...3	T0531	BN68-02416B	COVER-BOTTOM;SONOMA,40,HIPS,HB,BK500	1	SNA
...3	ACCESSORY	BN68-00514A	MANUAL FLYER-04,WARRANTY CARD;PDP/LCD TV	1	SNA
...3	T0059	BN68-00895A	MANUAL FLYER-CARD;RHCM,SAMSUNG,W/P 5G,PR	1	SNA
...3	T0511	BN68-01001J	MANUAL USERS;COMM,SAMSUNG,7Langs,W.Europ	1	SNA
...3	ACCESSORY	BN69-01052A	BOX ACCESSORY-00;ALL,CB-SW1,YEL,W603,D67	1	SNA
1	M0019	BN92-01929B	ASSY LABEL;LE40S71BX	1	SNA

## 7 Block Diagram

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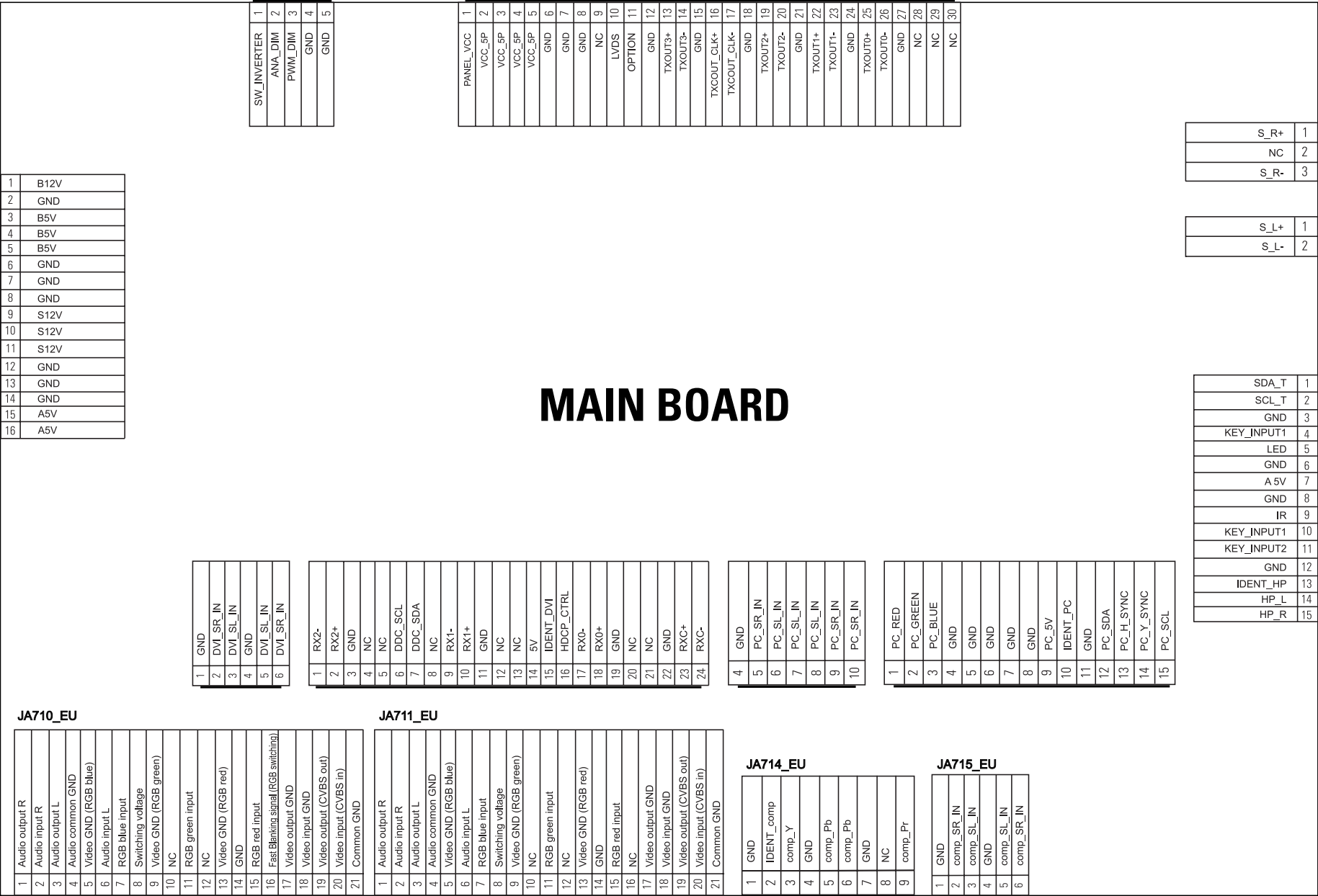
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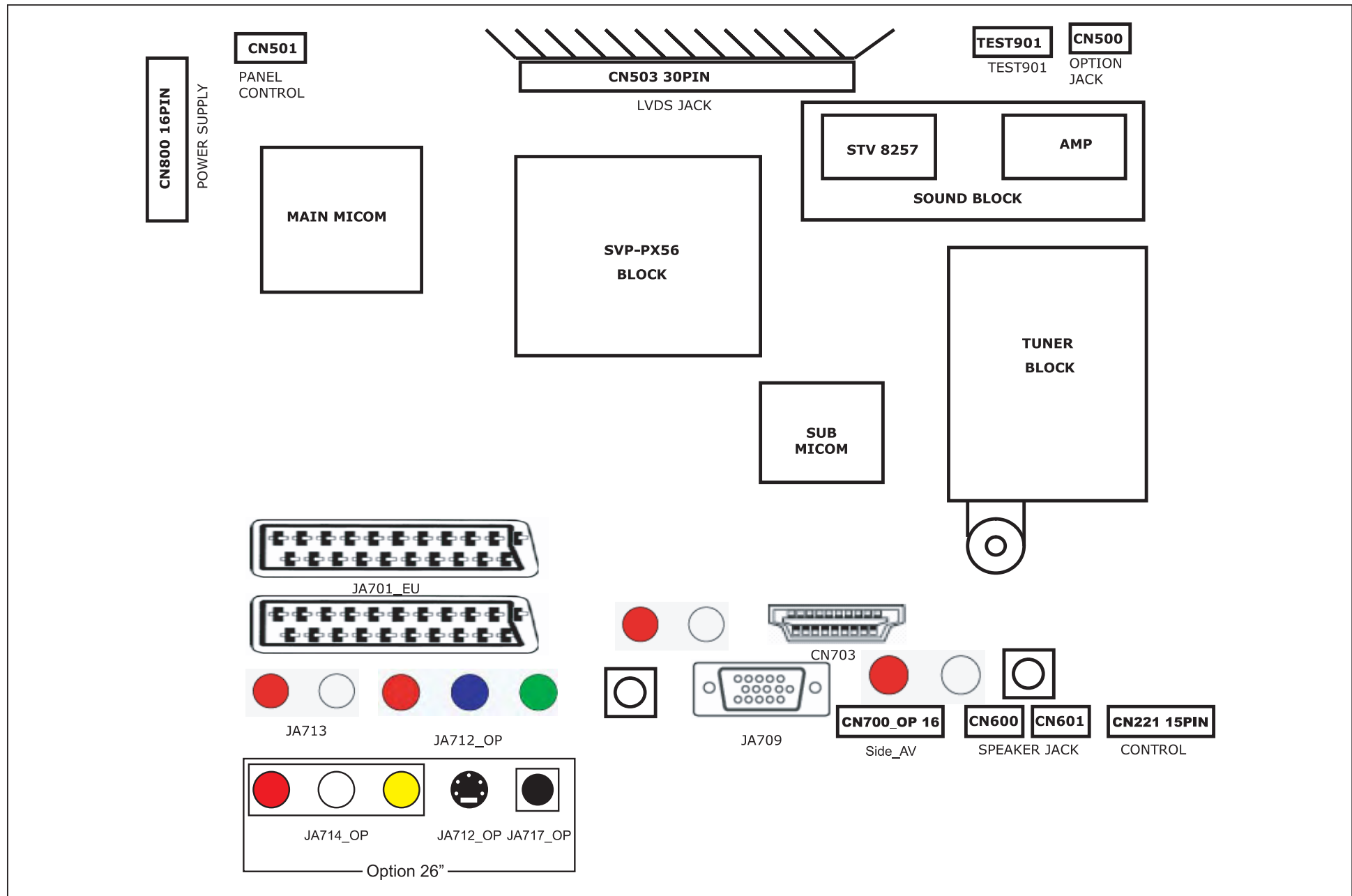


8 Wiring Diagram

8-1 LE27S71B / LE32S71B / LE37S71B / LE40S71B Wiring Diagram



## 8-2 Main Board Layout





8-3 PIN characteristic

**CN800 - 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

- B12V      B8V, B5V-T
- B5V        B5V-1, B5V, 5V-P, B1.8V
- B12VS     B12VS
- A5V        A5V, A3.3V-3, A3.3V, A3.3V-1, B3.3V, A1.8V

**CN600 / CN601 - SPEAKER CONNECTOR**

PIN	1	2	3
NAME	R+	NC	R-

PIN	1	2
NAME	L+	L-

**CN221 - Front control**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NAME	SDA-T	SCL-T	GND	KEY INPUT1	LED	GND	A5V	GND	IR	KEY INPUT1	KEY INPUT2	GND	IDENT HP	HP-L	HP-R

## Function Define

- A5V            Front control board power supply
- KEY INPUT1,2/SDA/SCL    Key control, from the menu, change up/down Etc.
- IR            Remote control signal
- LED          Control the timing and standby LED color

**CN501 - Panel control**

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

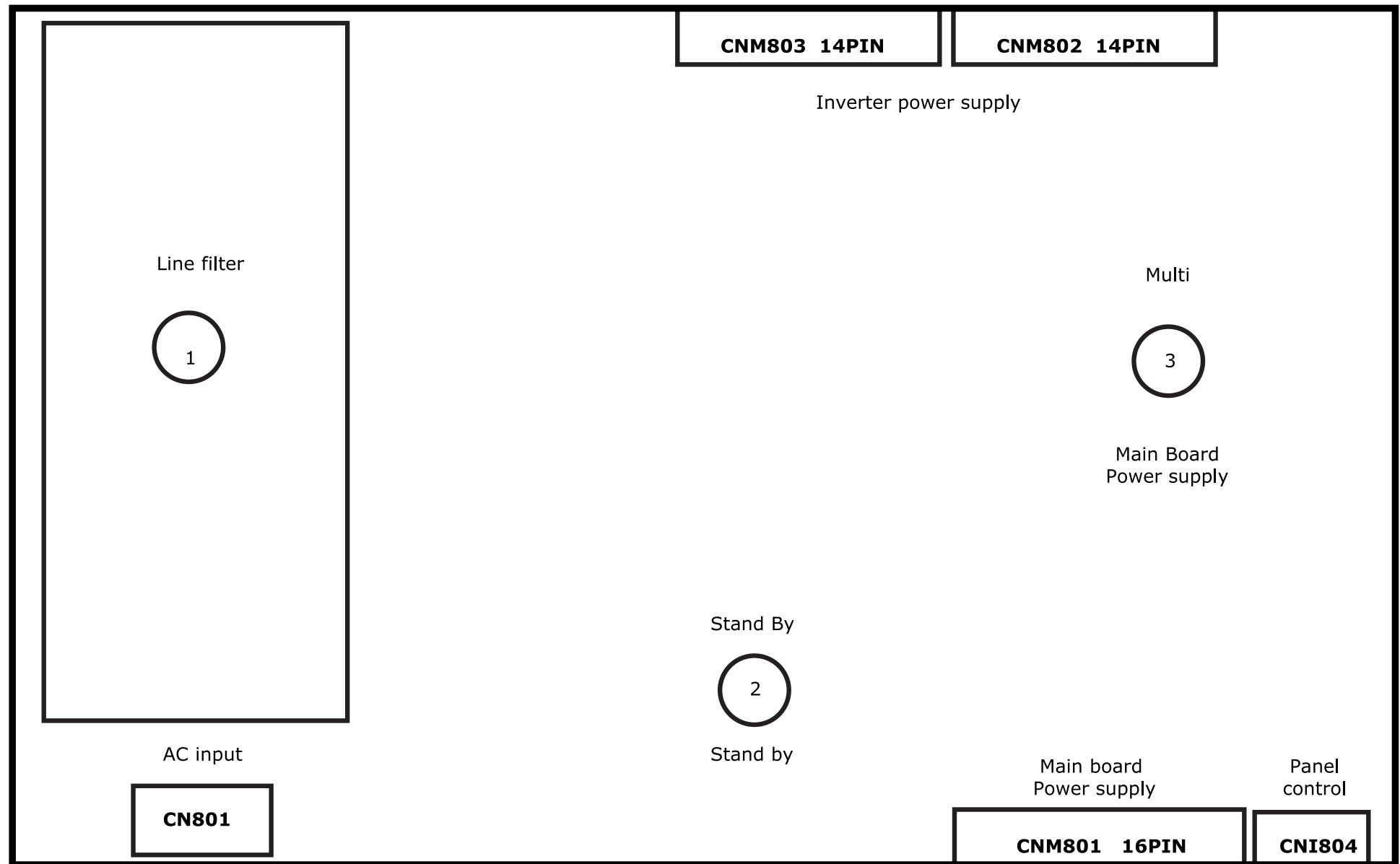
## Function Define

- SW\_inverter            panel inverter control, about 3.3V
- Ana\_dimming           panel dimming control
- PWM\_dimming         panel PWM control, duty 40% ~ 90%

## CN503-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	GND	23	TXOUT1-
9	NC	24	GND
10	LVDS_option	25	TXOUT0+
11	NC	26	TXOUT0-
12	GND	27	GND
13	TXOUT3+	28	NC
14	TXOUT3-	29	NC
15	GND	30	NC

# 8-4 Power Board Layout



### CN801 - AC Input

PIN	1	2
NAME	Live	Netural
VOLTAGE	AC	AC

Functioning Define  
 - Refer to : AC Input

### CN801 - Main Board power supply

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NAME	13V	GND	5.4V	5.4V	5.4V	GND	GND	GND	12V	12V	12V	GND	GND	GND	ST7V	PWR

Functioning Define  
 - ST7V Stand-By Output  
 - PWR Power On/Off Control  
  
 - 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

**CN802 - Inverter 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

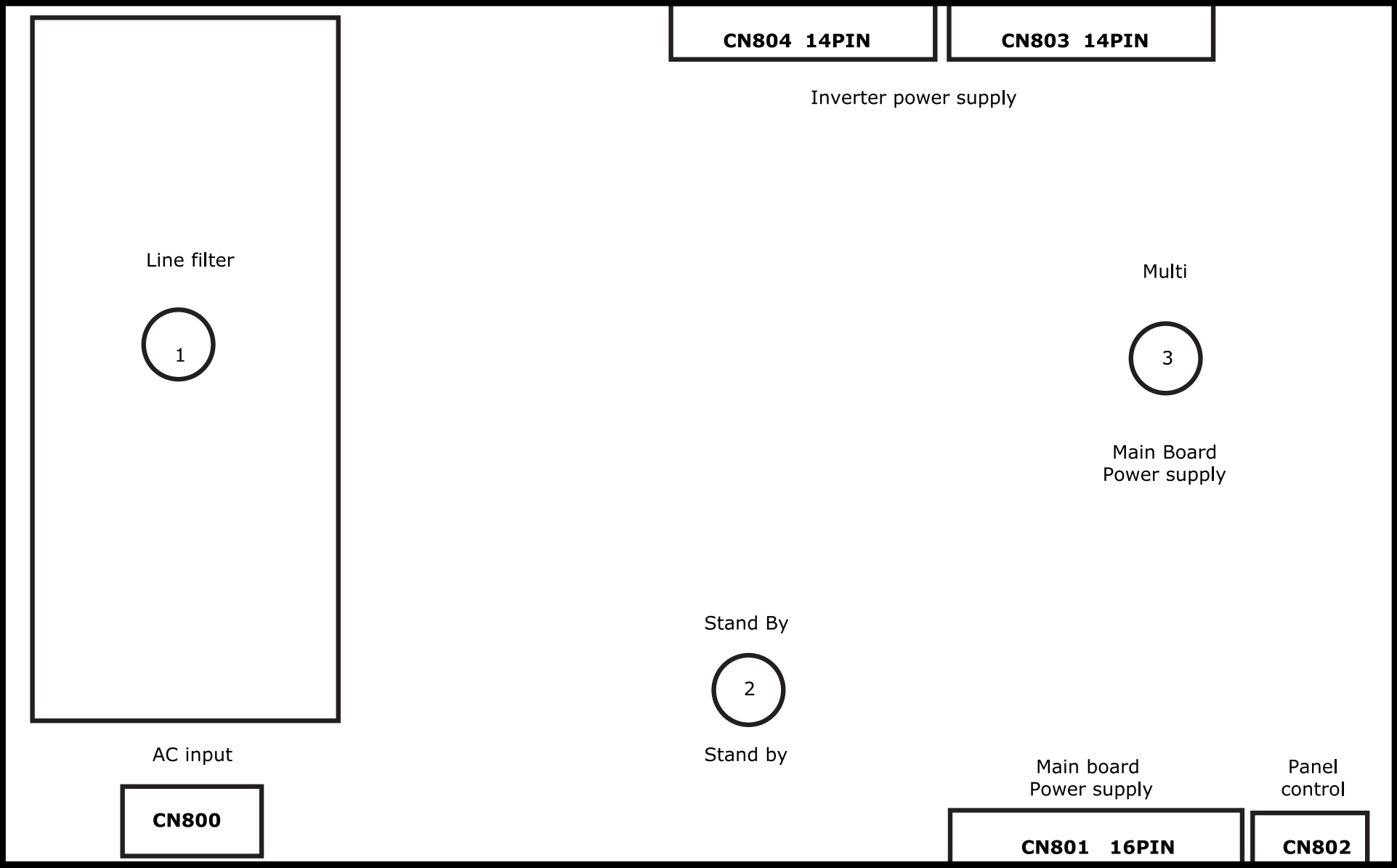
- AMLCD      Panel Inverter Power
- 24V        LAMP INVERTER Voltage
- B/L        Brightness sensor power
- A\_D        ANA\_DIMMING
- P\_D        PWM\_DIMMING

**CN803 - Inverter 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	A_D	B/L	P_D	GND

## Functioning Define

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



**CN801 - AC Input**

PIN	I	2
NAME	Live	Netural
VOLTAGE	AC	AC

Functioning Define

- Refer to : AC Input

**CN801 - Main Board power supply**

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NAME	13V	GND	5.4V	5.4V	5.4V	GND	GND	GND	12V	12V	12V	GND	GND	GND	ST7V	PWR

Functioning Define

- ST7V Stand-By Output
- PWR Power On/Off Control

- 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



**CN803 - Inverter 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

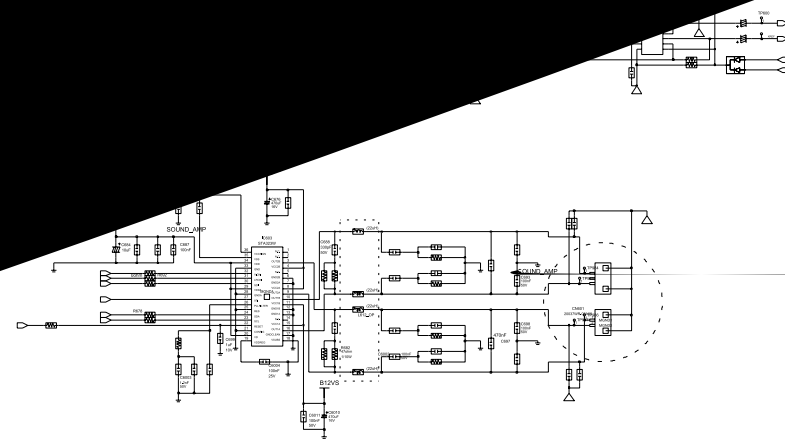
- AMLCD Panel Inverter Power
- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- A\_D ANA\_DIMMING
- P\_D PWM\_DIMMING

**CN804 - Inverter 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	B/D	P_L	GND	B/L

Functioning Define

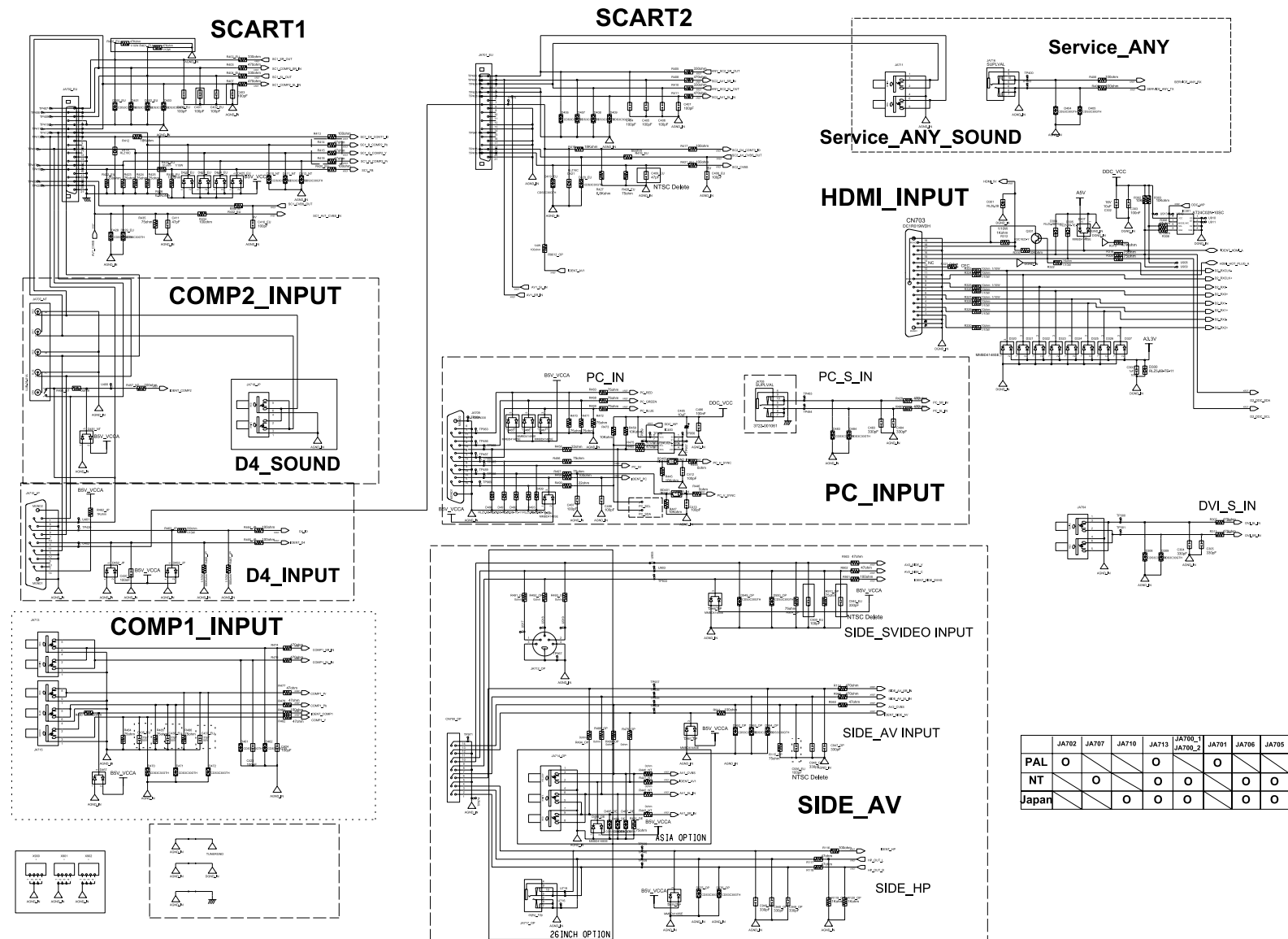
- CMO Panel Inverter Power
- 24V LAMP INVERTER Voltage
- B/L Brightness sensor power
- P\_D PWM\_DIMMING



SOUND AMP

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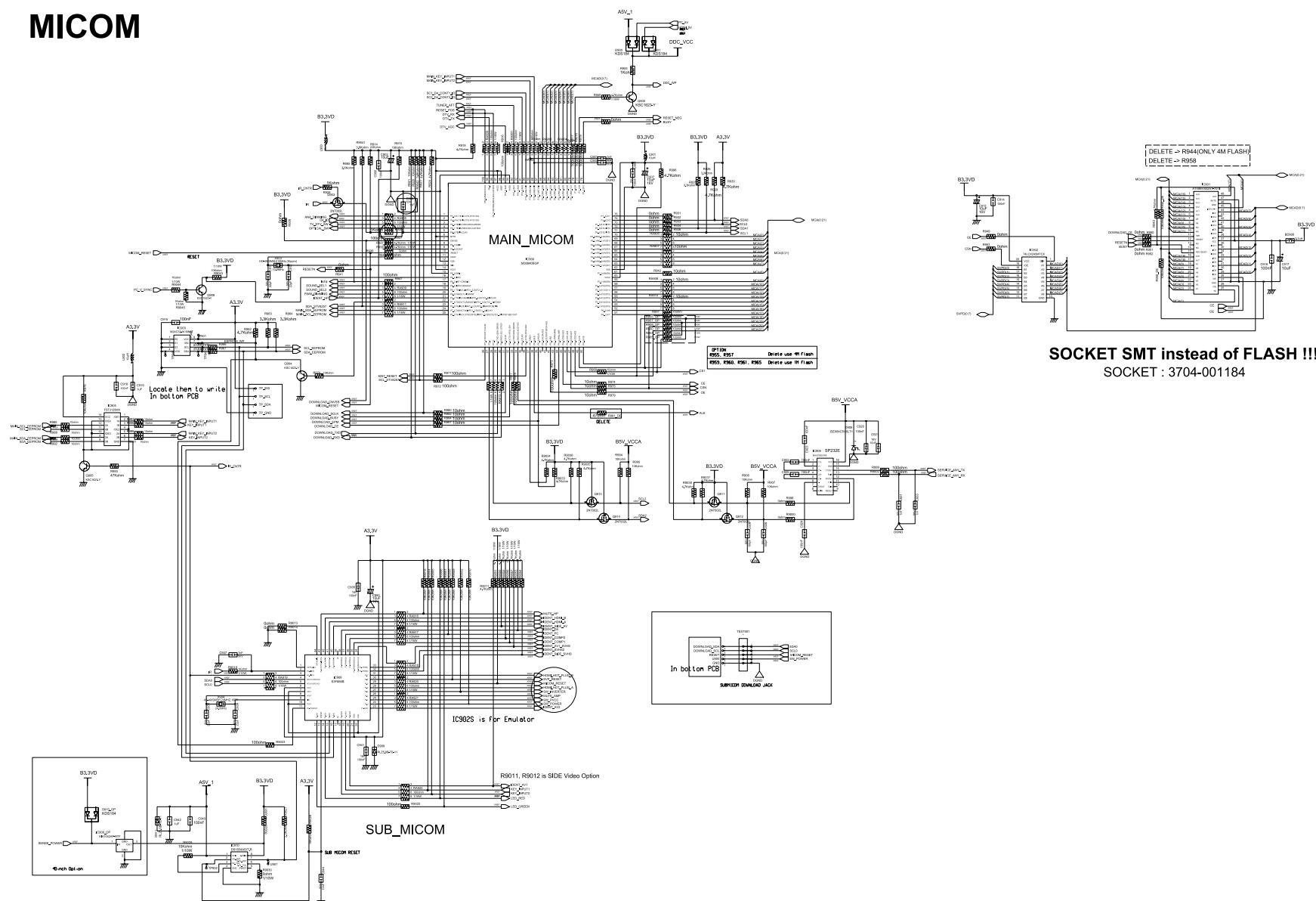
## 9-2 Schematic Diagram



-This Document can not be used without Samsung ' s authorization.

### 9-3 Micom Schematic Diagram

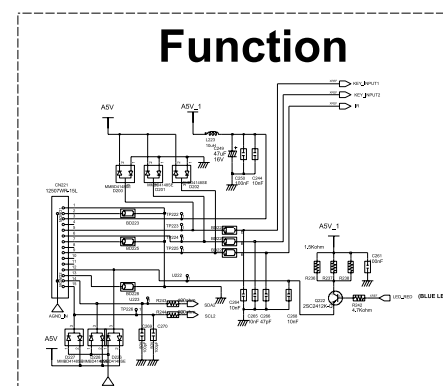
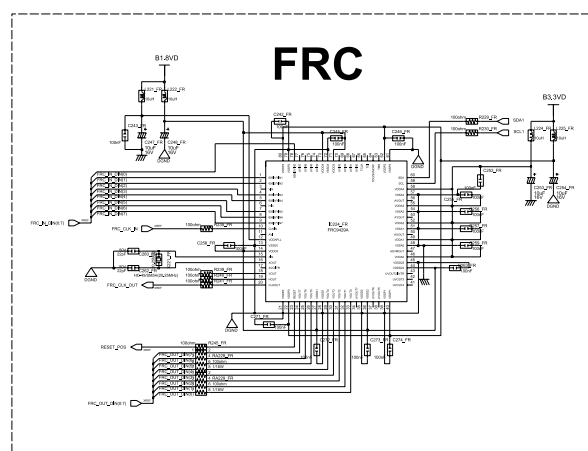
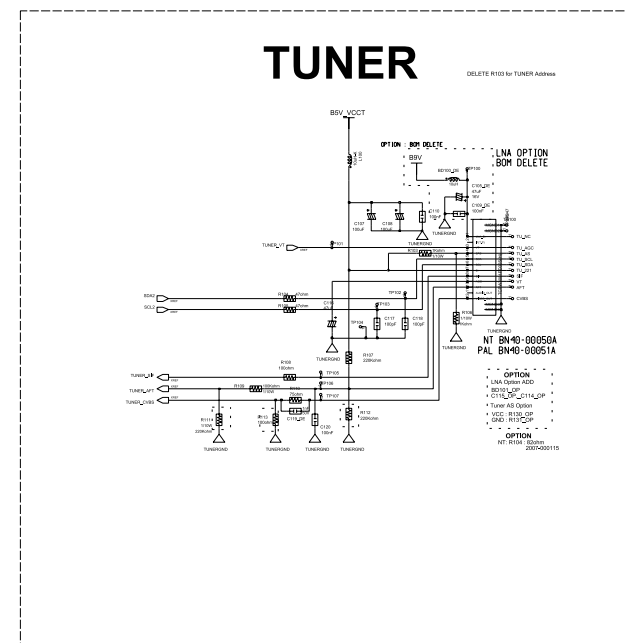
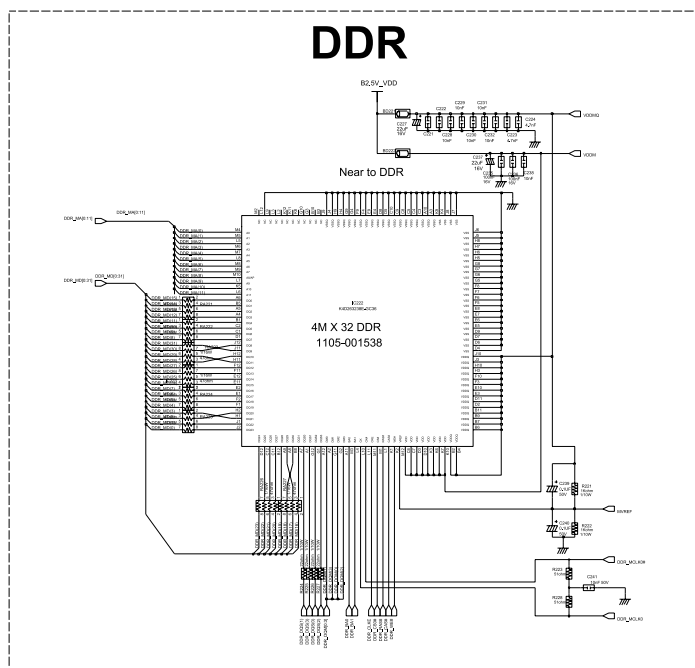
# MICOM





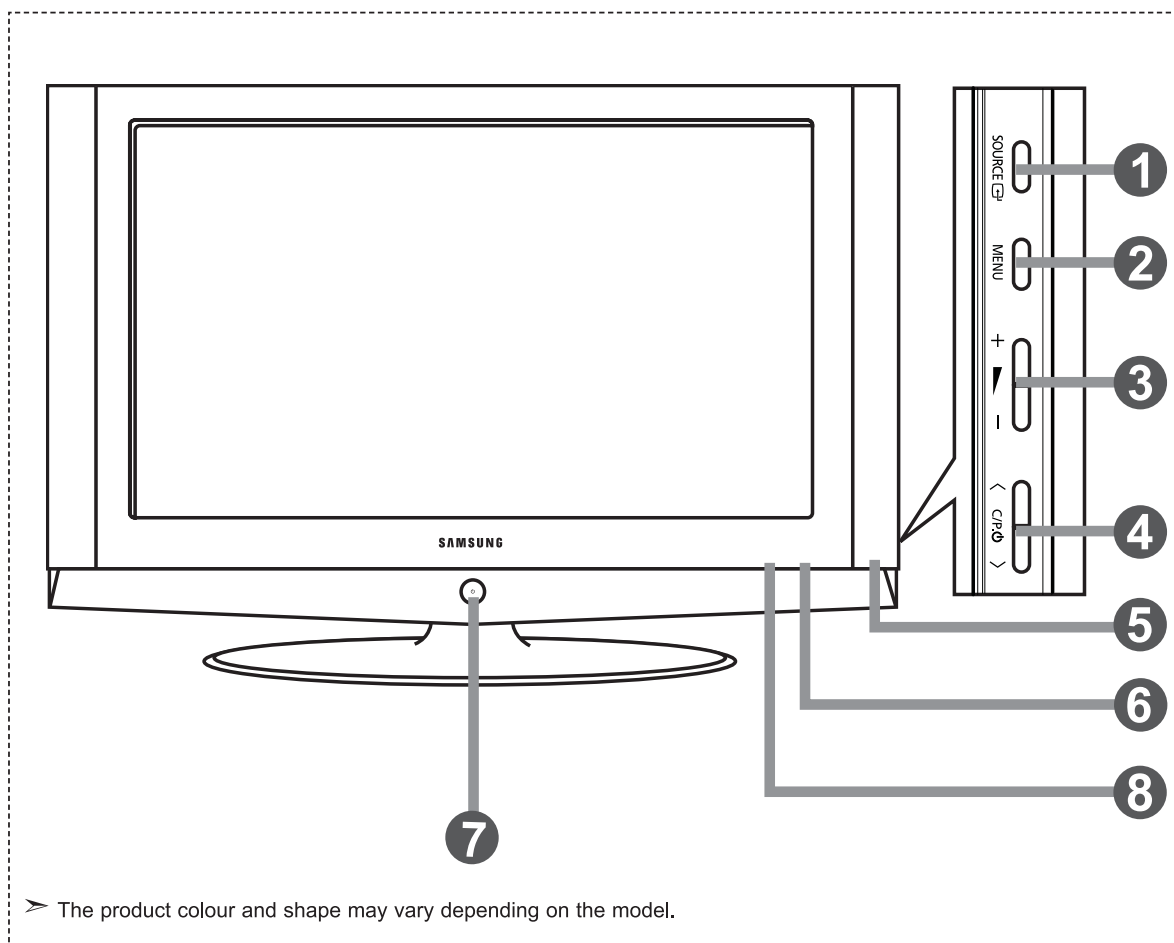
-This Document can not be used without Samsung ' s authorization.

### 9-5 Application Schematic Diagram




## 10 Operating Instructions and Installation

### 10-1 Front




#### 1 SOURCE

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

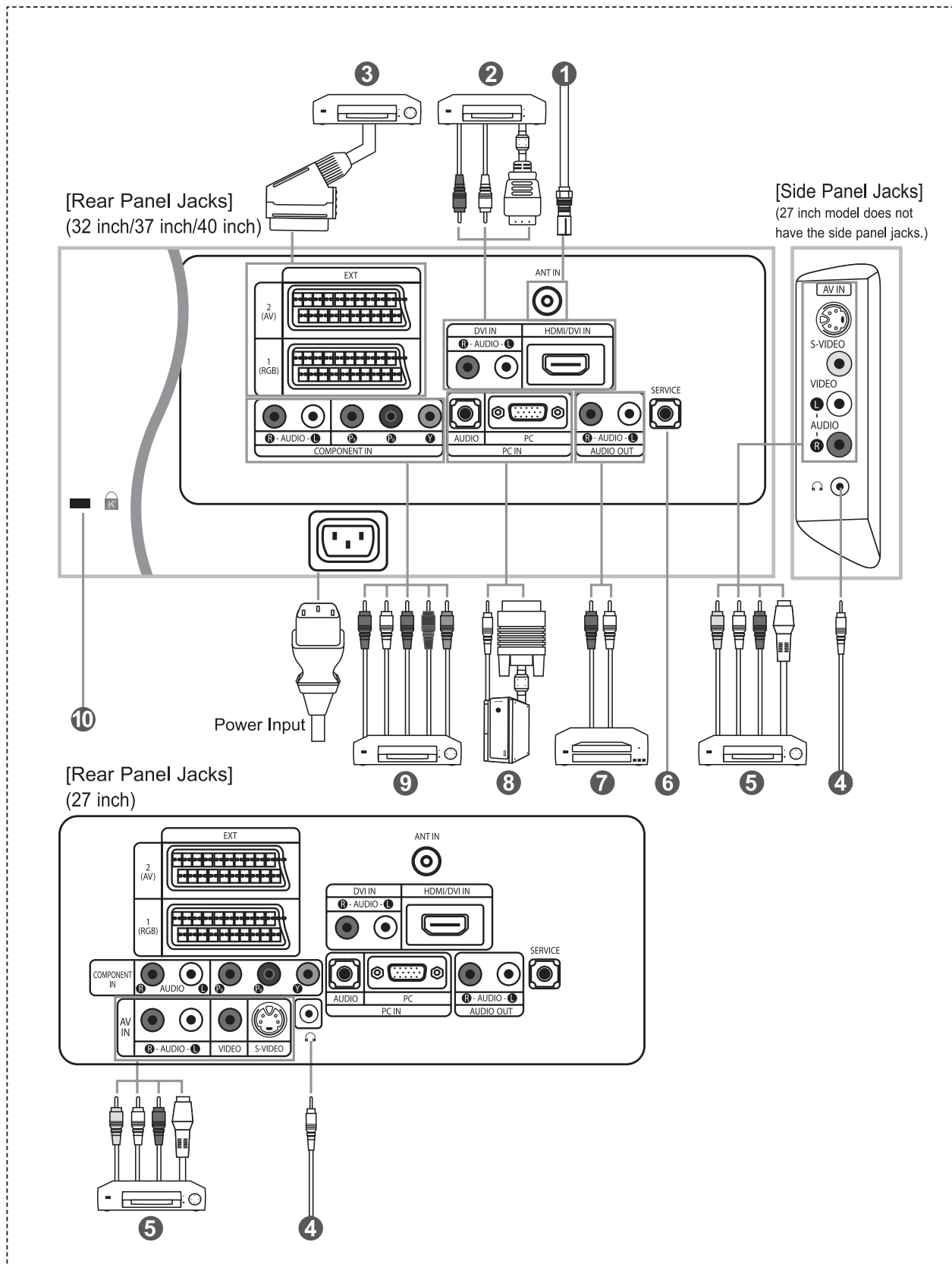
Press to turn the TV on and off.

#### 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 an Aerial or Cable Television Network**

To view television channels correctly, a signal must be received by the set from one of the following sources:

- An outdoor aerial / A cable television network / A satellite network

**2 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**

- Connect the VCR or DVD SCART cable to the SCART connector of the VCR or DVD.
- If you wish to connect both the Set-Top Box and VCR (or DVD), you should connect the Set-Top Box to the VCR (or DVD) and connect the VCR (or DVD) to your set.

**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.

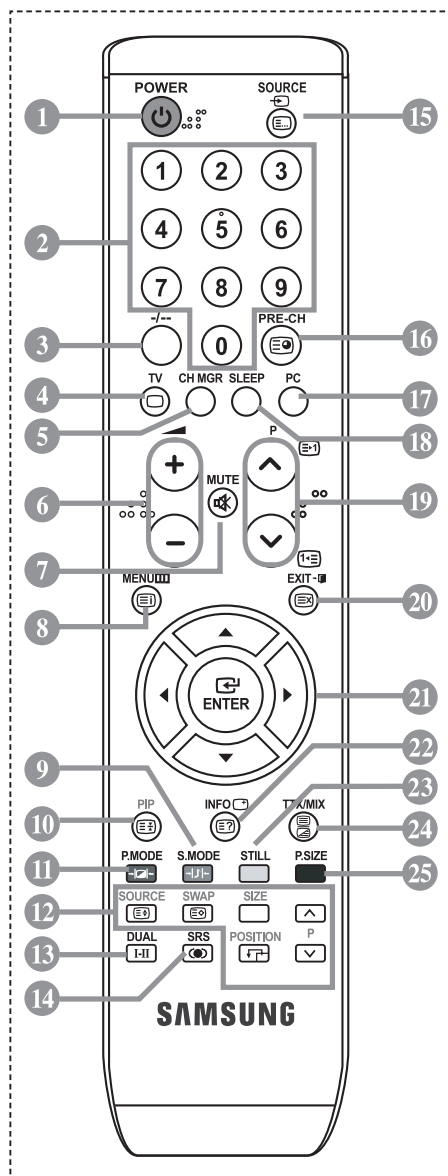
**9 Connecting Component Devices (DTV/DVD)**

- 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 1080i 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.

## 10-3 Remote Control



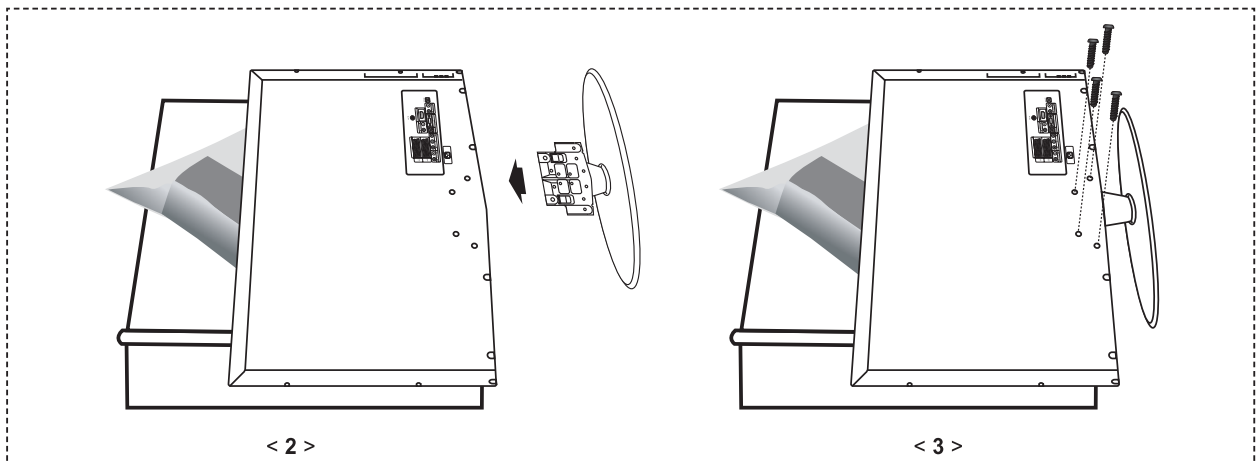
- 1 Television Standby button
- 2 Number buttons for direct channel access
- 3 One/Two-digit channel selection
- 4 Selects the TV mode directly
- 5 It display "Channel Manager" on the screen.
- 6 Volume increase  
 Volume decrease
- 7 Temporary sound switch-off
- 8 Menu display and change confirmation
- 9 Sound mode selection
- 10 Picture-In-Picture On / Off
- 11 Picture effect selection
- 12 **PIP FUNCTIONS**  
SOURCE: Input source selection  
SWAP: Interchange the main and sub picture  
SIZE: PIP size selection  
POSITION: PIP position selection  
P : Next channel  
P : Previous channel
- 13 Sound effect selection
- 14 SRS TSXT selection
- 15 Available source selection
- 16 Previous channel
- 17 Selects the PC mode directly
- 18 Automatic Power-off
- 19 P : Next channel  
P : Previous channel
- 20 Exit the OSD
- 21 Control the cursor in the menu
- 22 Use to see information on the current broadcast
- 23 Picture freeze
- 25 Picture size selection

### Teletext Functions

- 4 Exit from the teletext display
- 8 Teletext index
- 10 Teletext hold
- 12 **SOURCE**: Teletext size selection
- 12 **SWAP**: Teletext store
- 15 Teletext mode selection (LIST/FLOF)
- 16 Teletext sub page
- 19 P : Teletext next page  
P : Teletext previous page
- 20 Teletext cancel
- 22 Teletext reveal
- 24 Alternately select Teletext, Double, or Mix.
- 9 11 23 25  
Fastext topic selection

- 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.

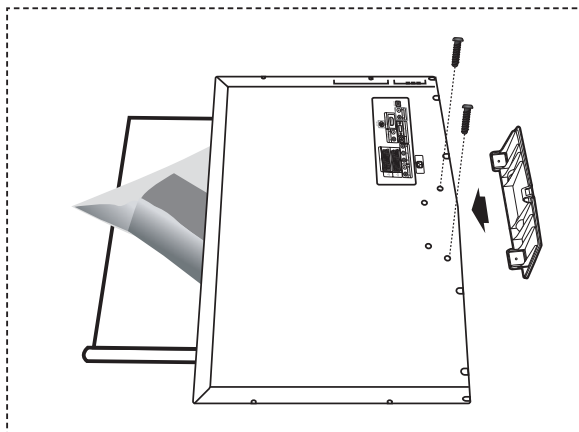
## 10-4 Installing the Stand



- 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.


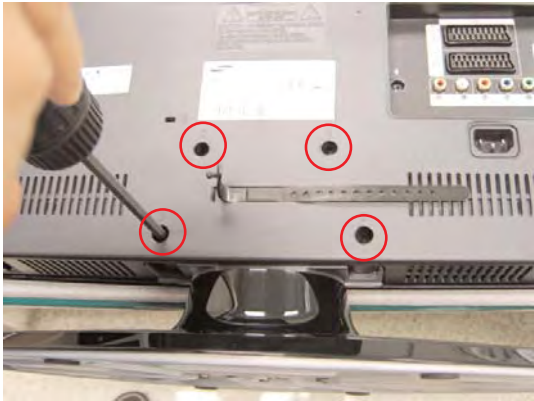
# 11 Disassembly and Reassembly

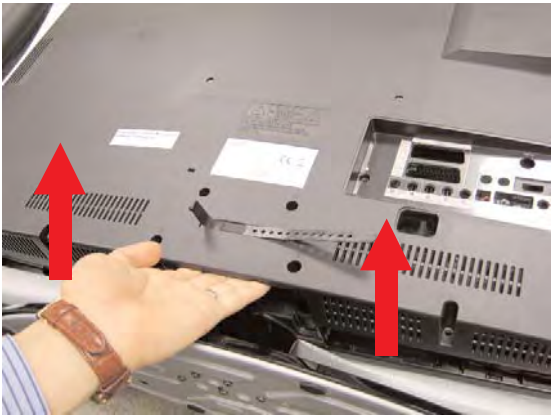
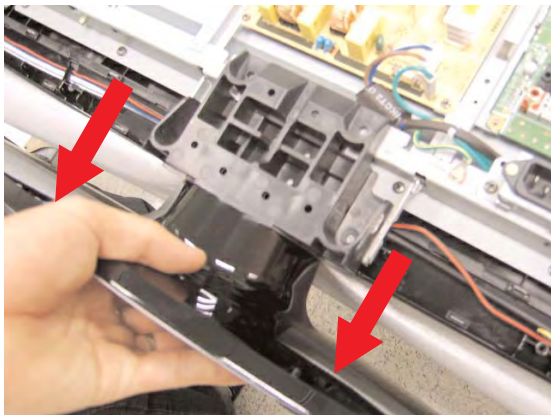

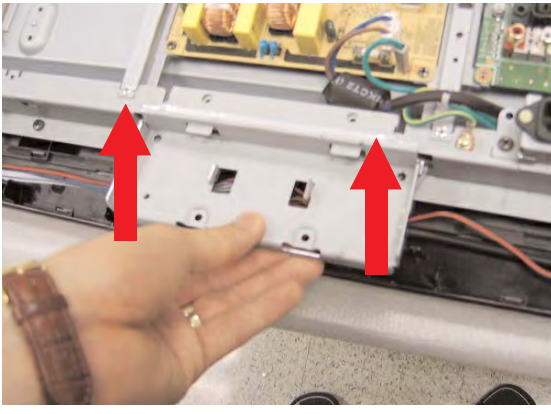
This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

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

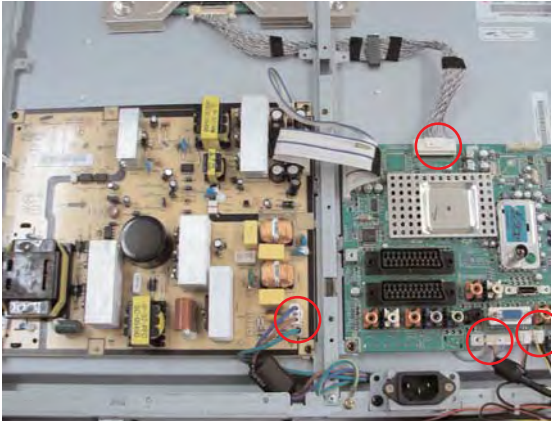
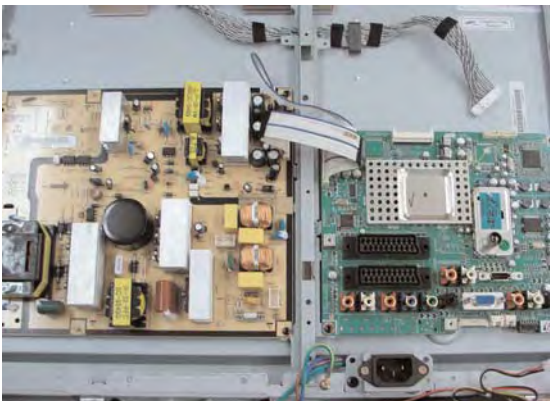
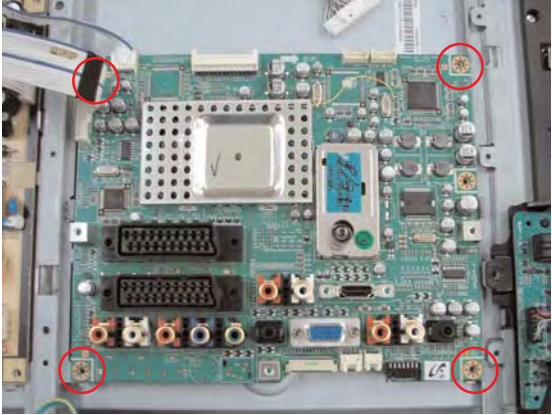
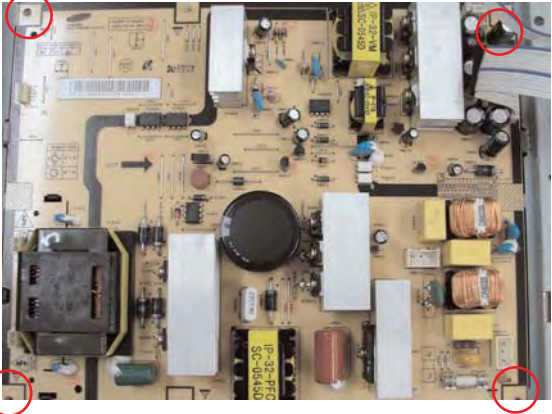
## 11-1 Disassembly

**⚠ 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.

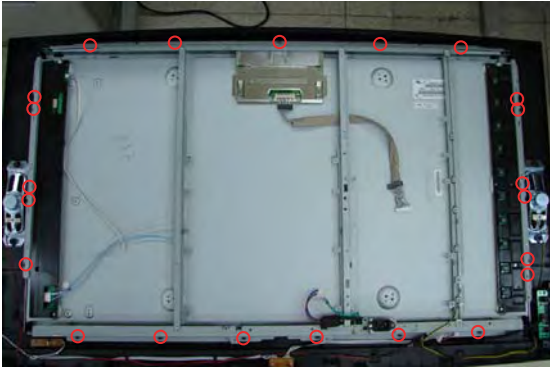
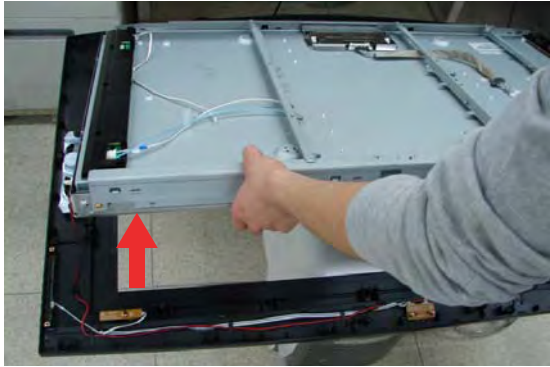

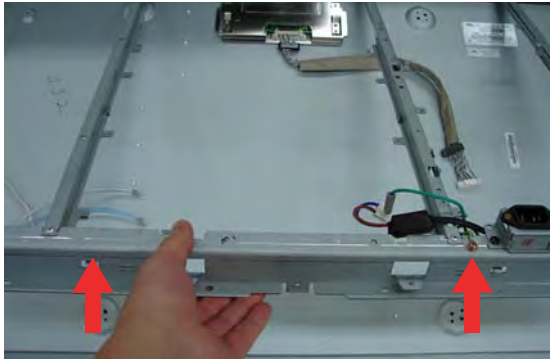
Description	Picture Description
1. Place monitor face down on cushioned table. Remove screws from the rear cover. Remove screws from the stand.	
	


Description	Picture Description
<p>2. Lift up the rear cover and remove the stand.</p>	
	
<p>3. Remove Screws from the stand BRKT and lift up the stand BRKT.</p>	
	



Description	Picture Description
<p data-bbox="177 259 603 286">4. Disonnect cable from the boards.</p>	
	
<p data-bbox="177 1155 772 1218">5. Remove screws from the boards and lift up the boards.</p>	
	



Description	Description Picture
6. Remove screws and Lift up the Lcd panel.	
	
7. Remove 5 screws from the BRKT. Lift up the BRKT.	
	

Description	Description Picture
	

## 11-2 Reassembly

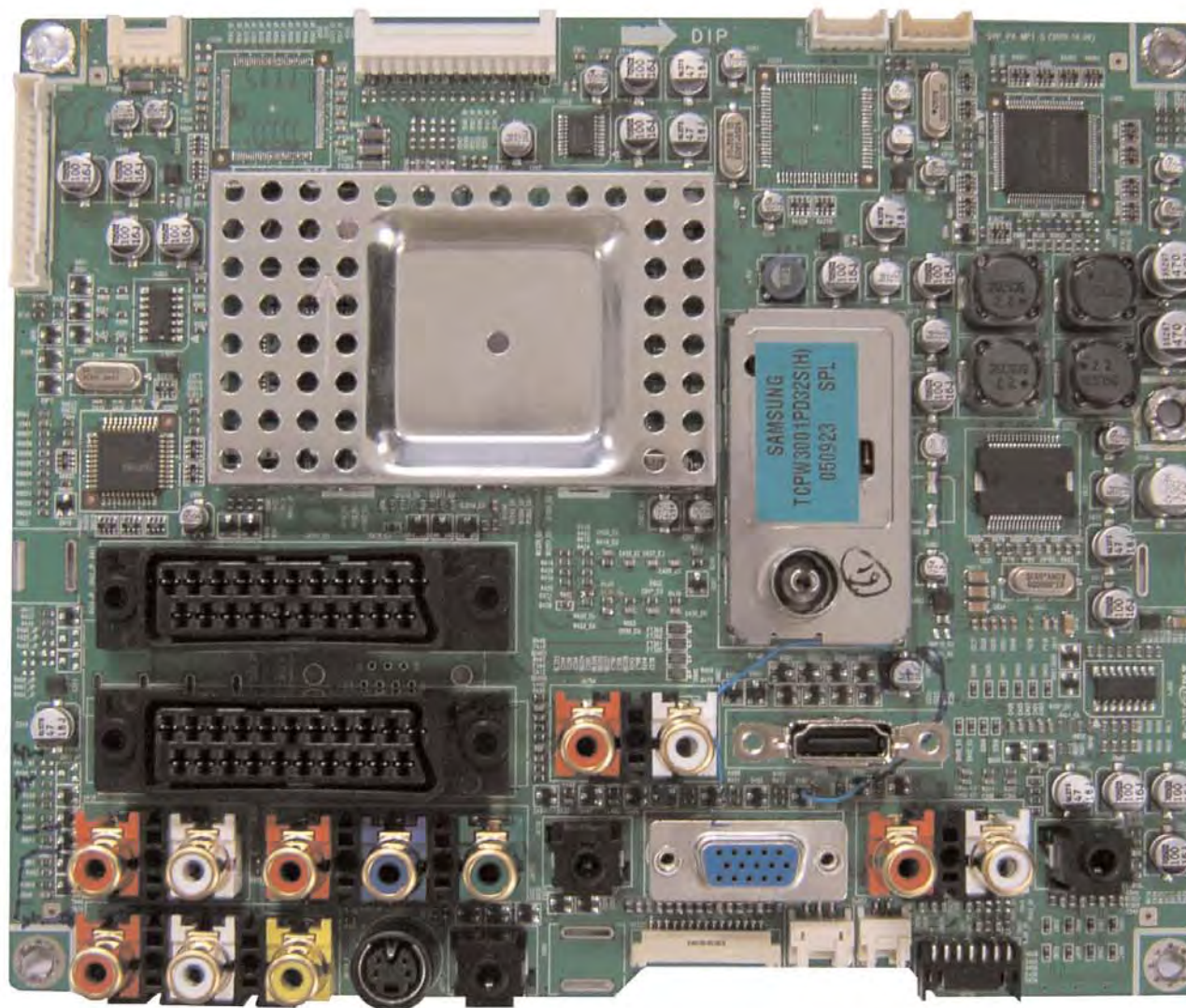
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Reassembly procedures are in the reverse order of disassembly procedures.

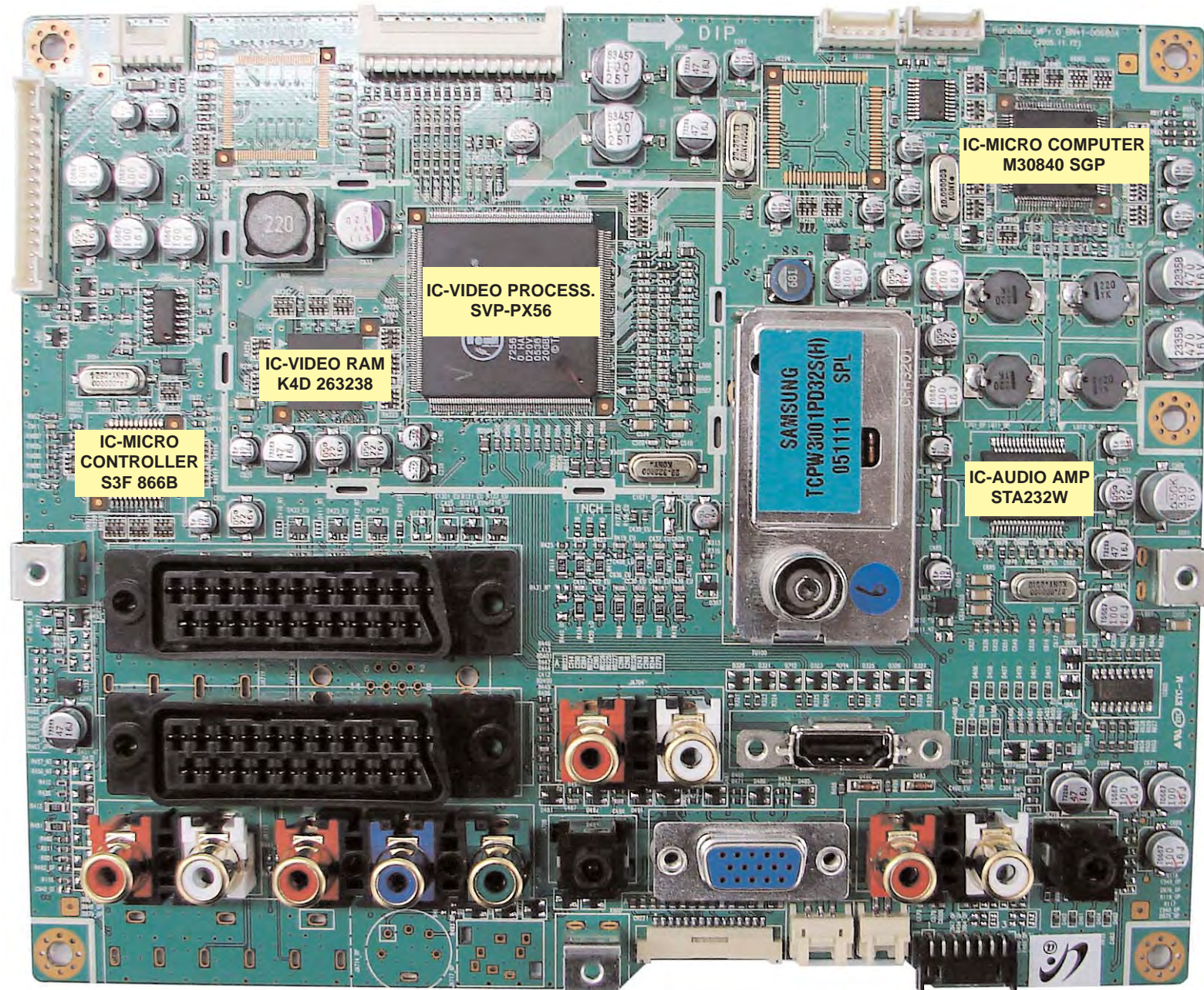
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12 PCB Diagram

## 12-1 26" Main PCB Diagram

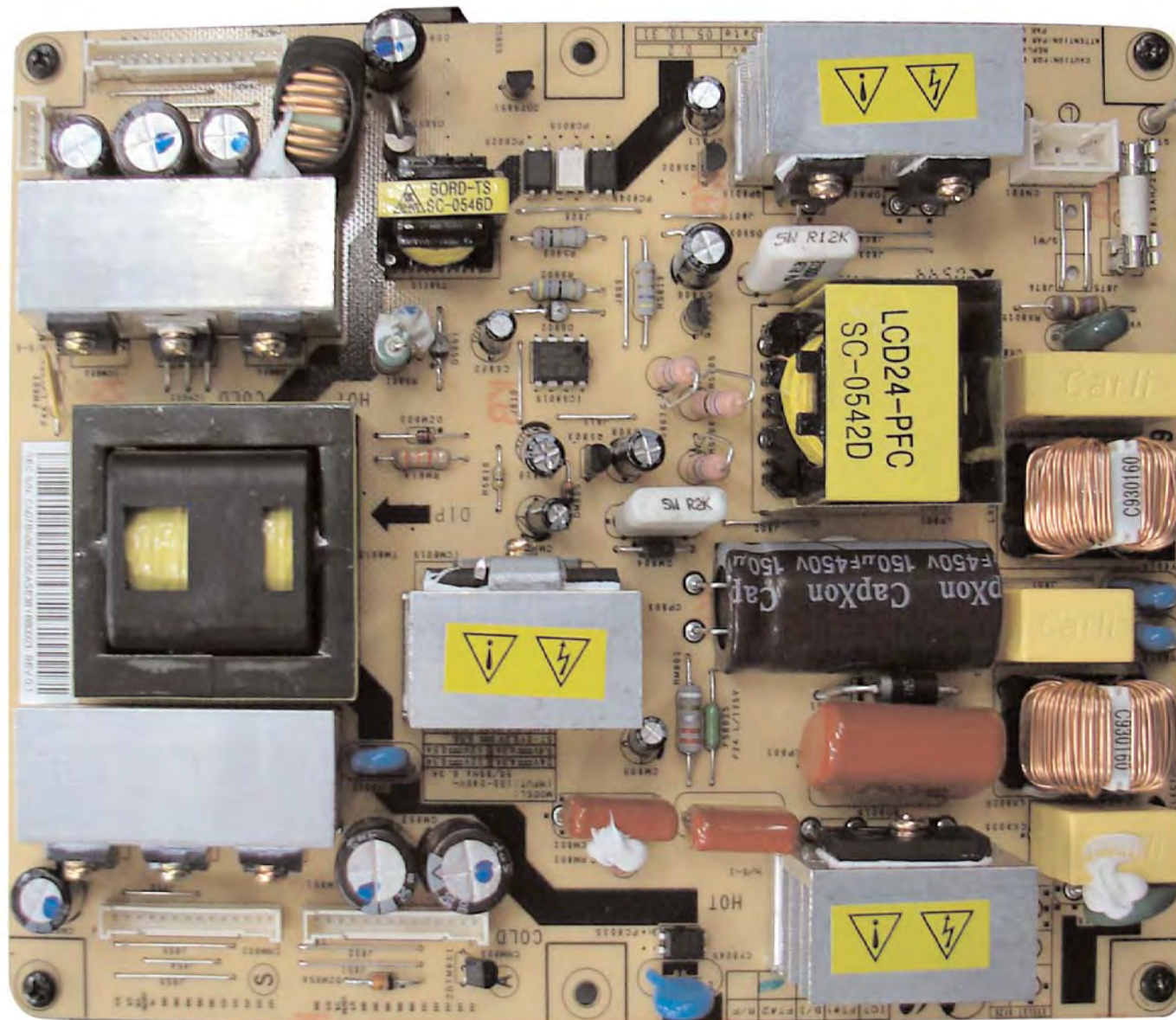




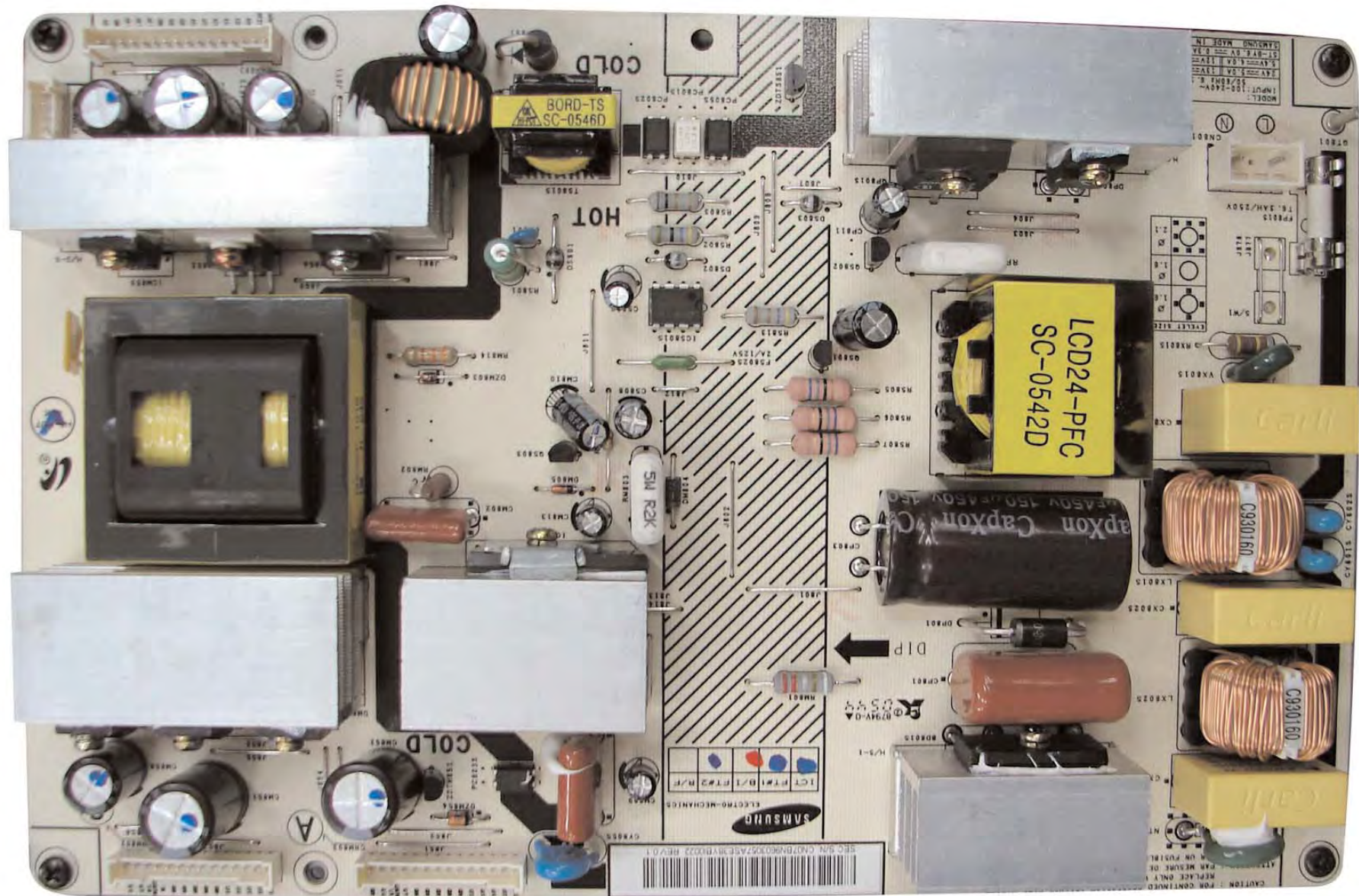




## 12-3 26" SMPS

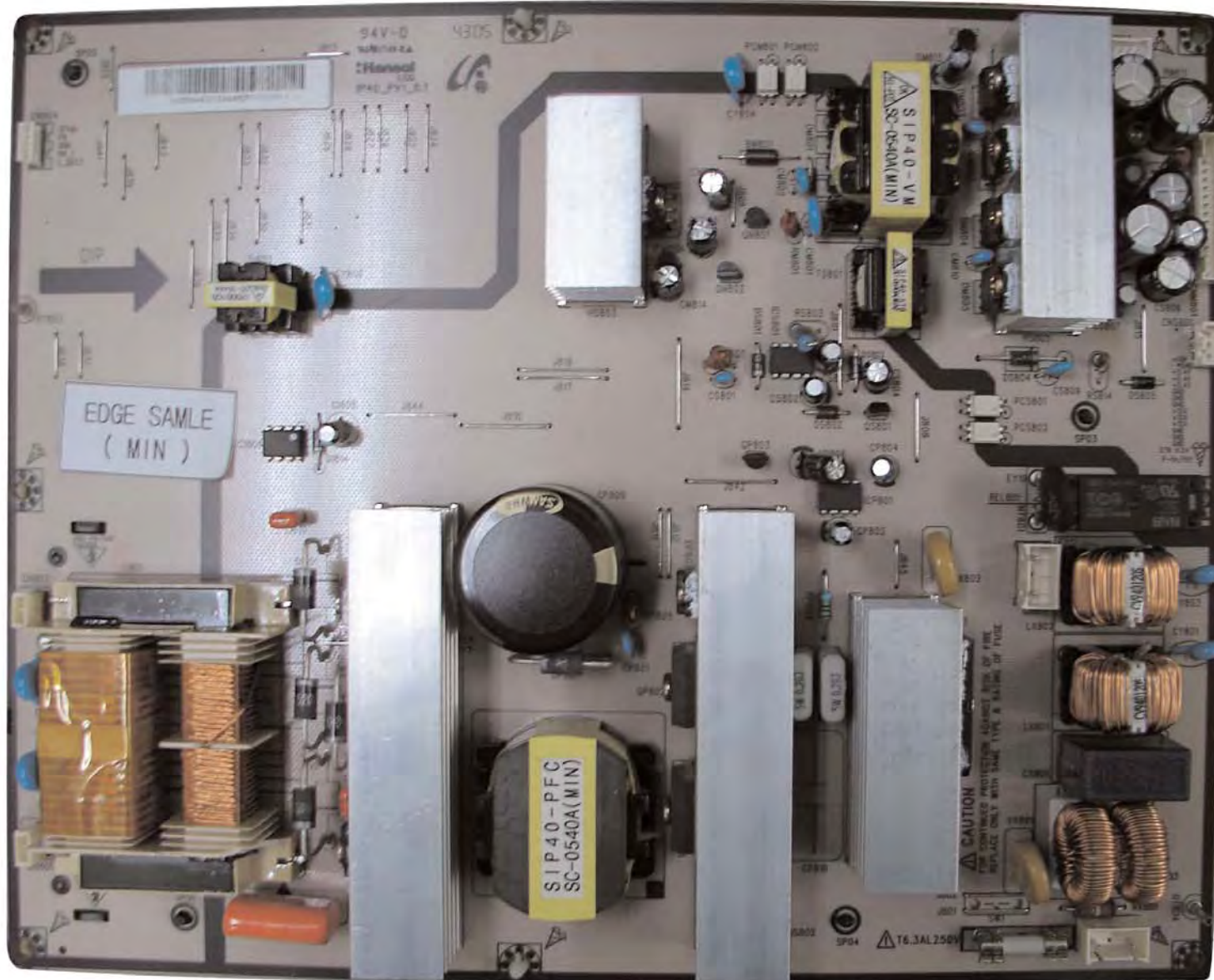






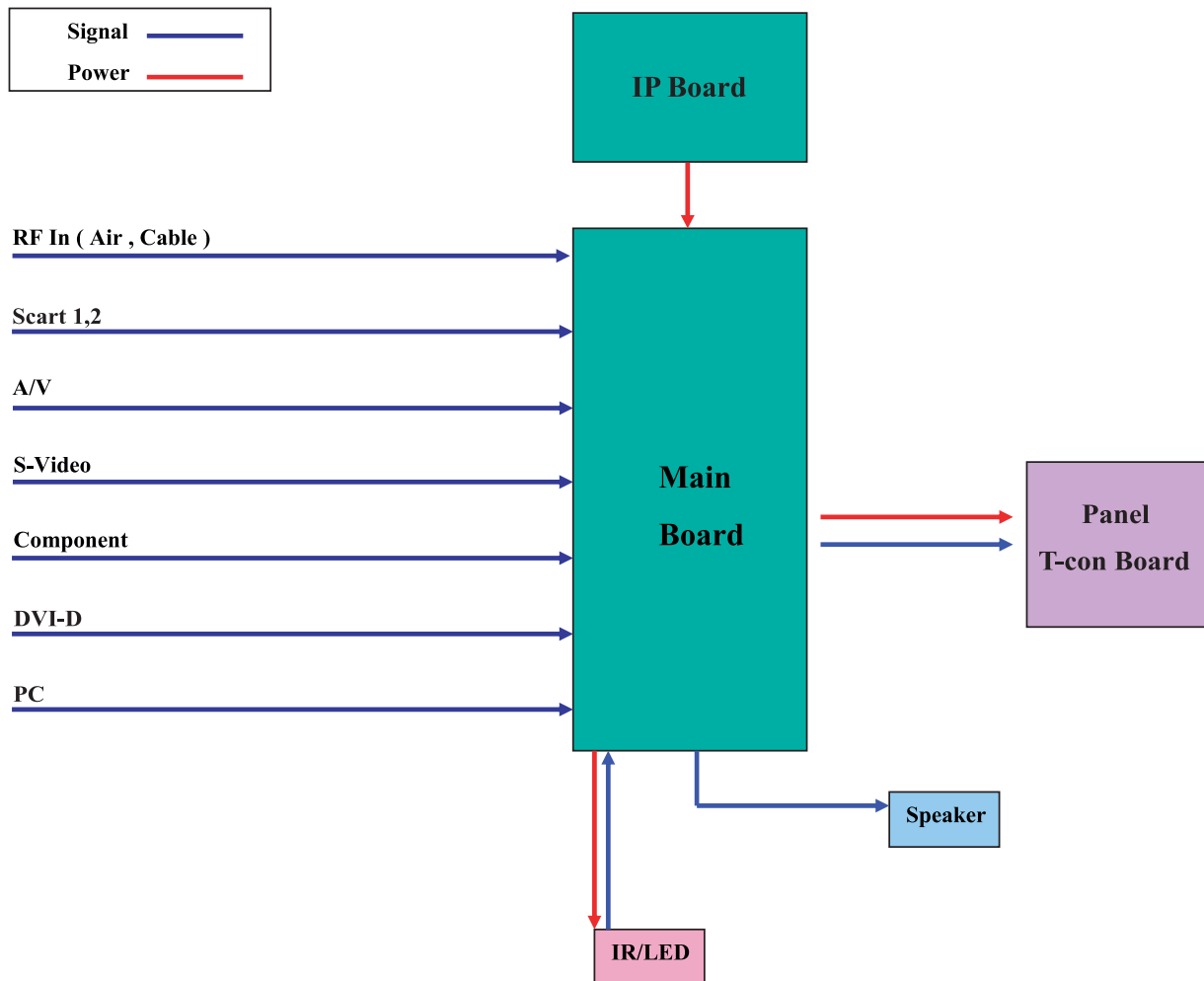


## 12-5 40" IP Board



## 13 Circuit Descriptions

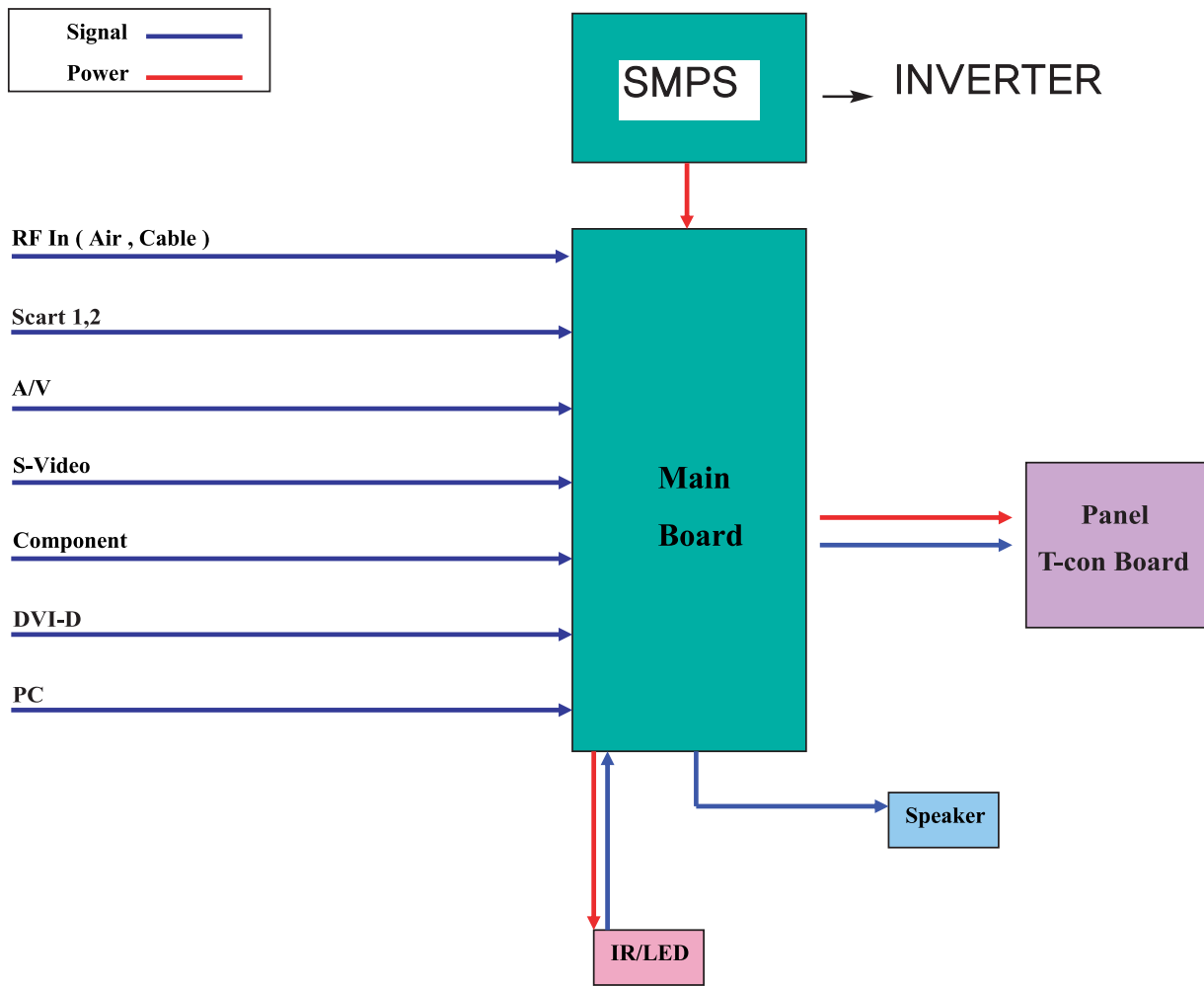
### 13-1 Block description



Bordeaux consists of three main blocks

1. Main board : Video signal processing
2. IP board : Power supply & Inverter
3. T-con board : LCD Panel control

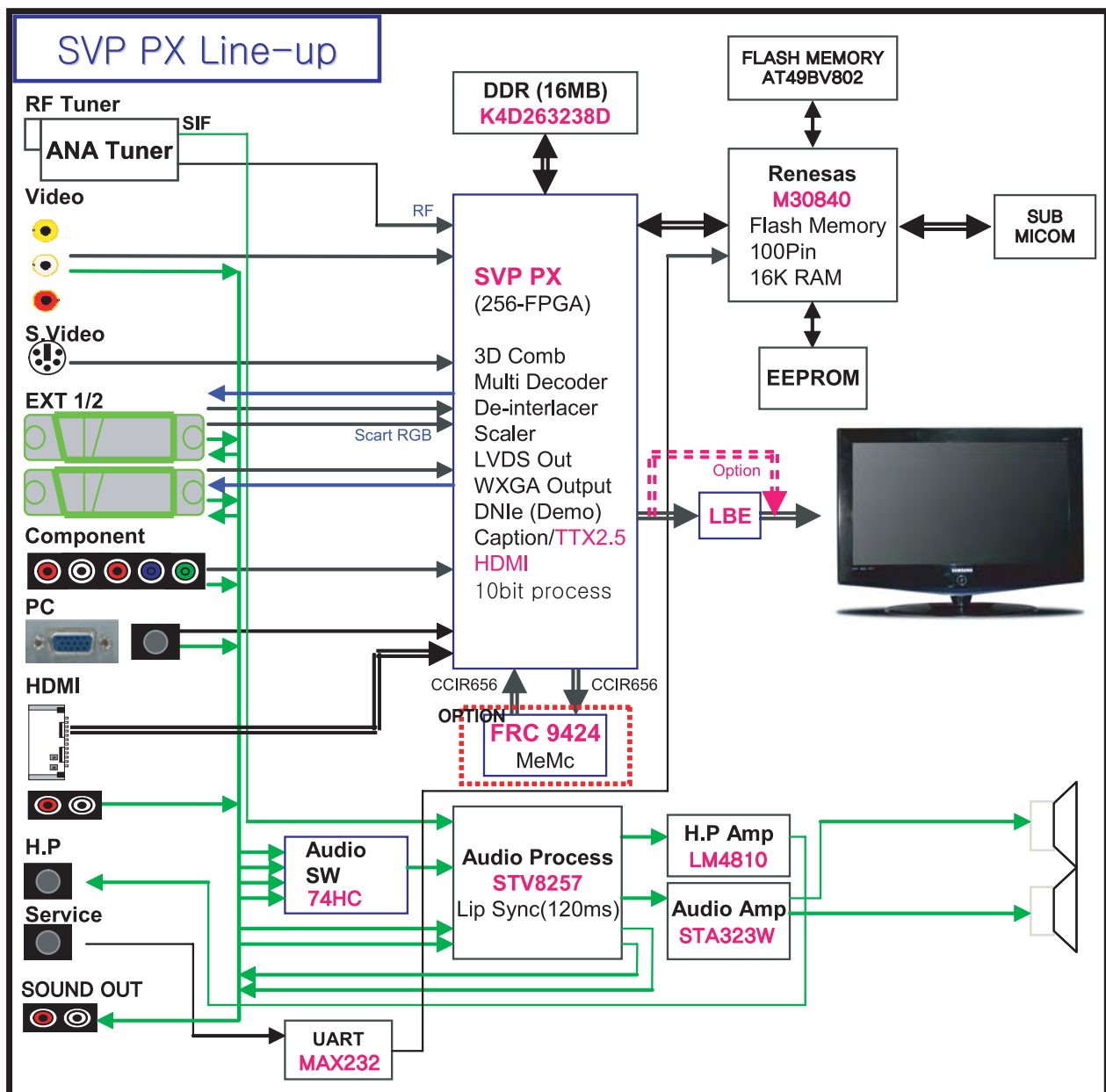




Bordeaux consists of three main blocks

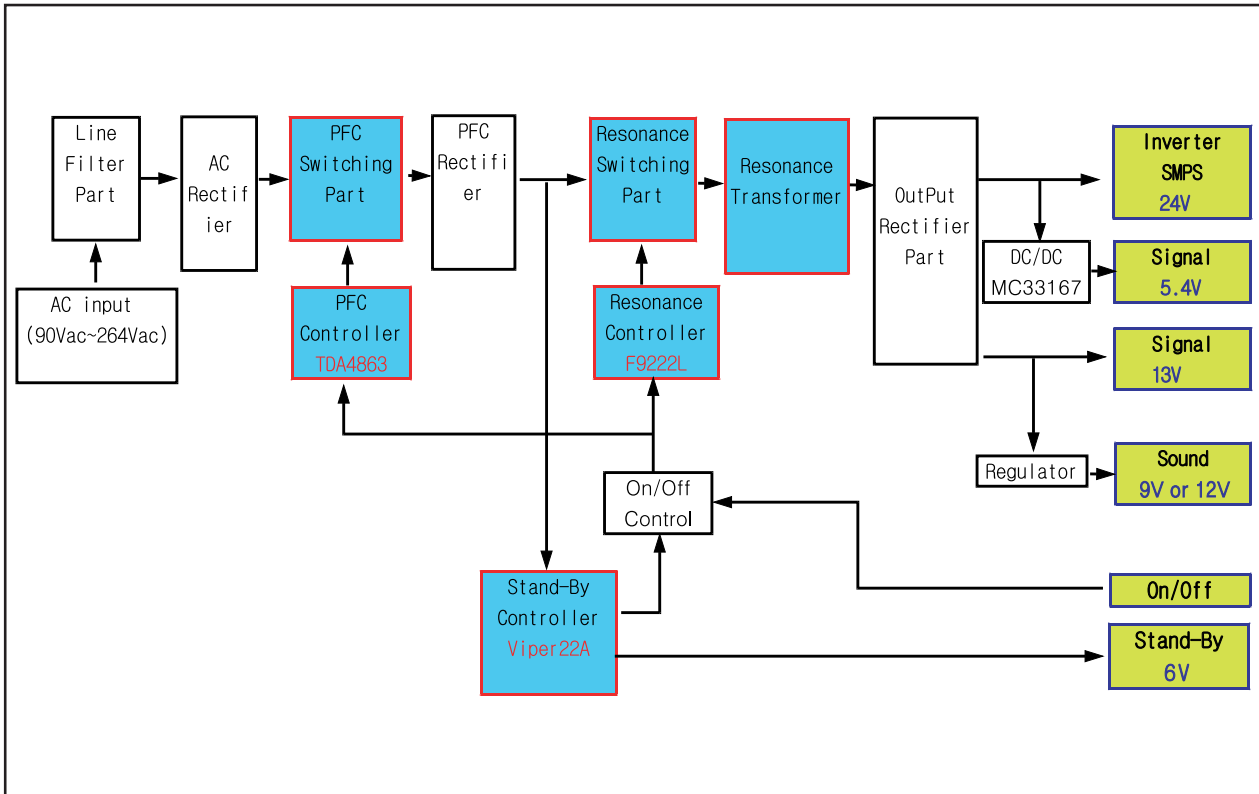
1. Main board : Video signal processing
2. SMPS : Power supply
3. T-con board : LCD Panel control

## 13-2 Main Block

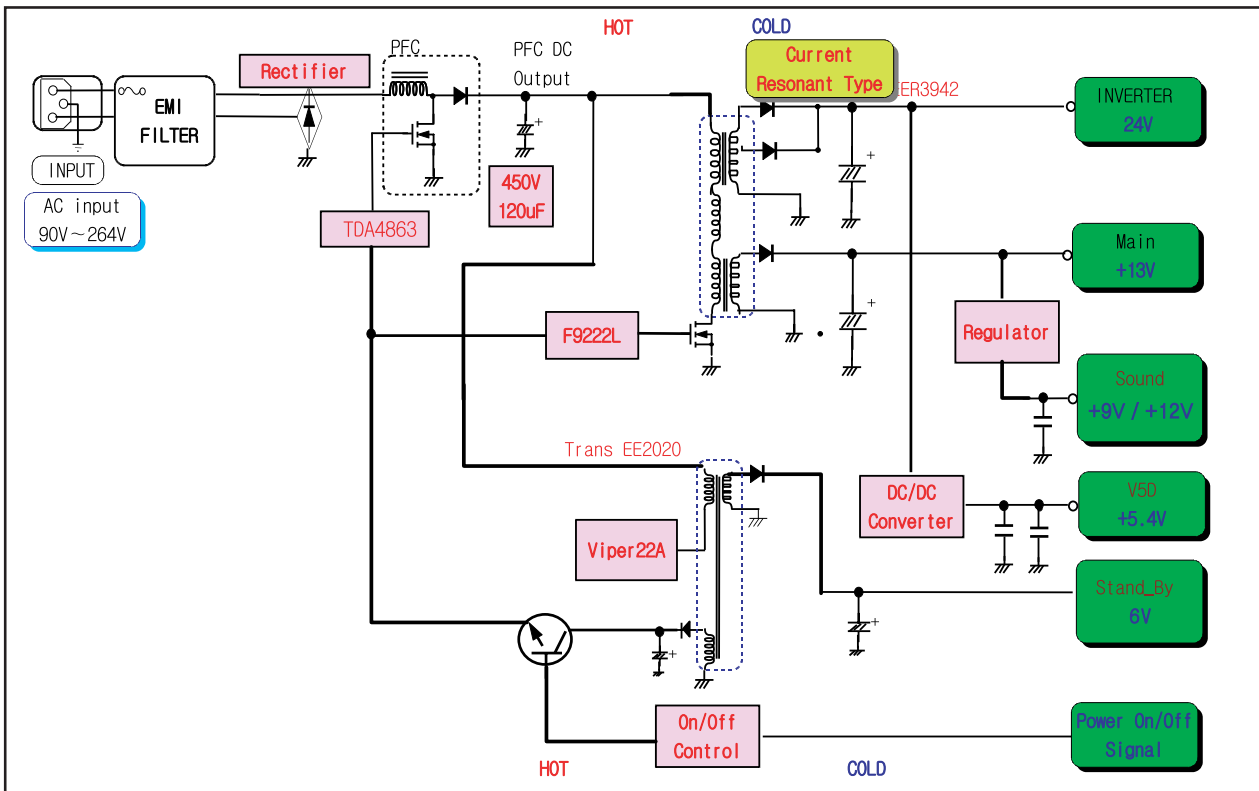


## 13-3 SMPS Board

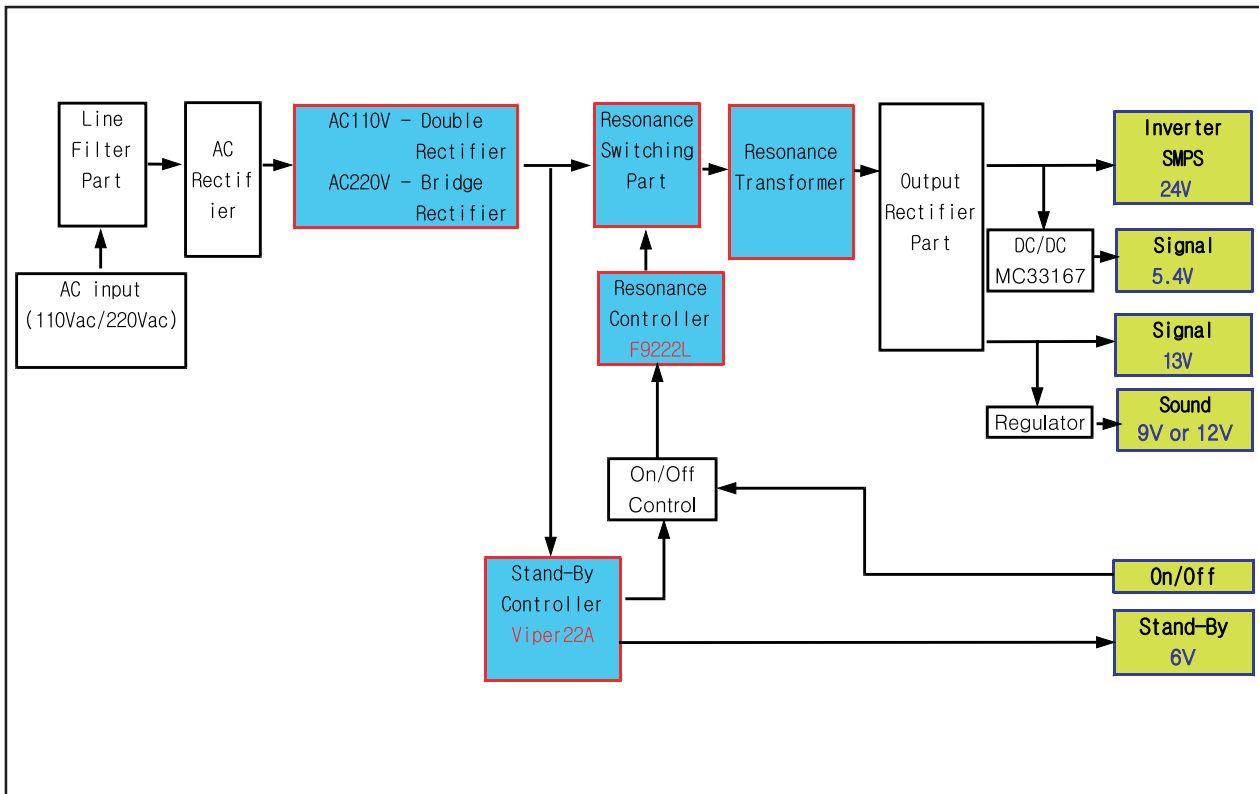
### 13-3-1 26", 32" Power Block



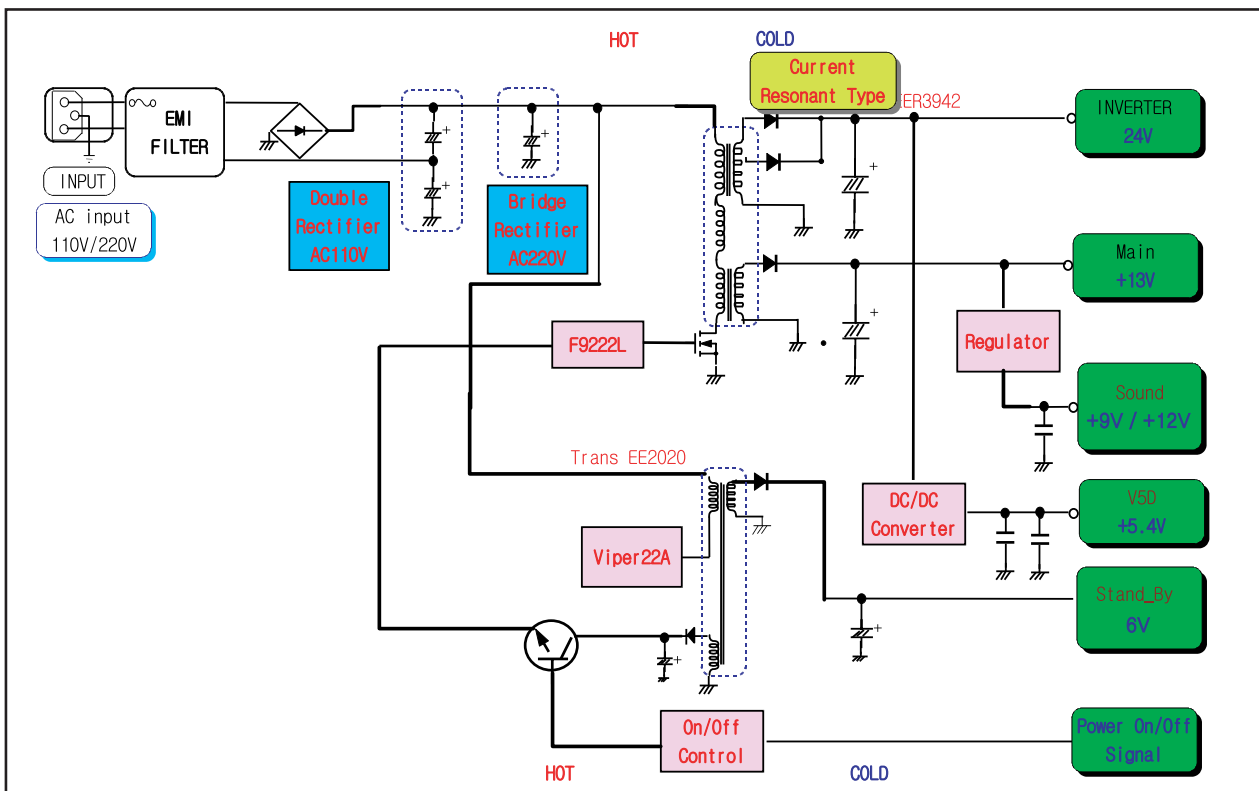
### 13-3-2 26", 32" SMPS Diagram



## 13-3-3 26" , 32" Power Block



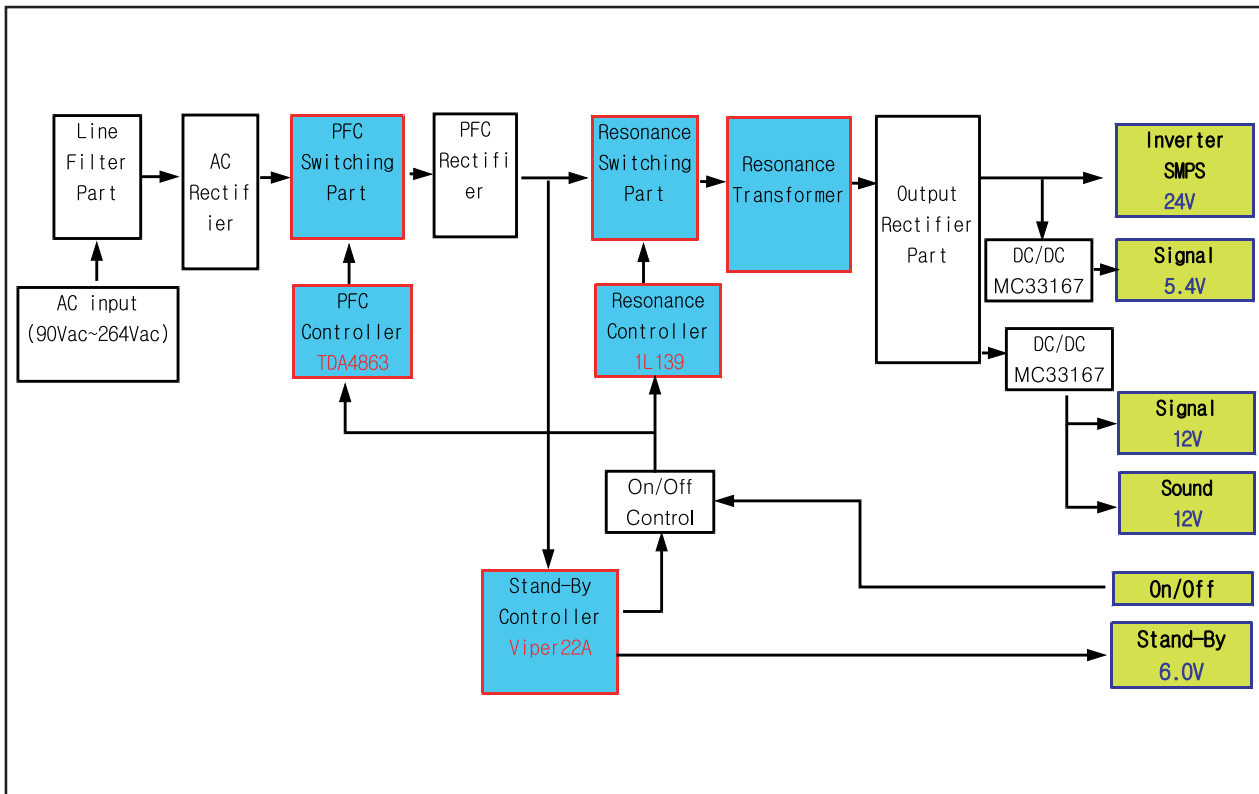
## 13-3-4 26" , 32" SMPS Diagram



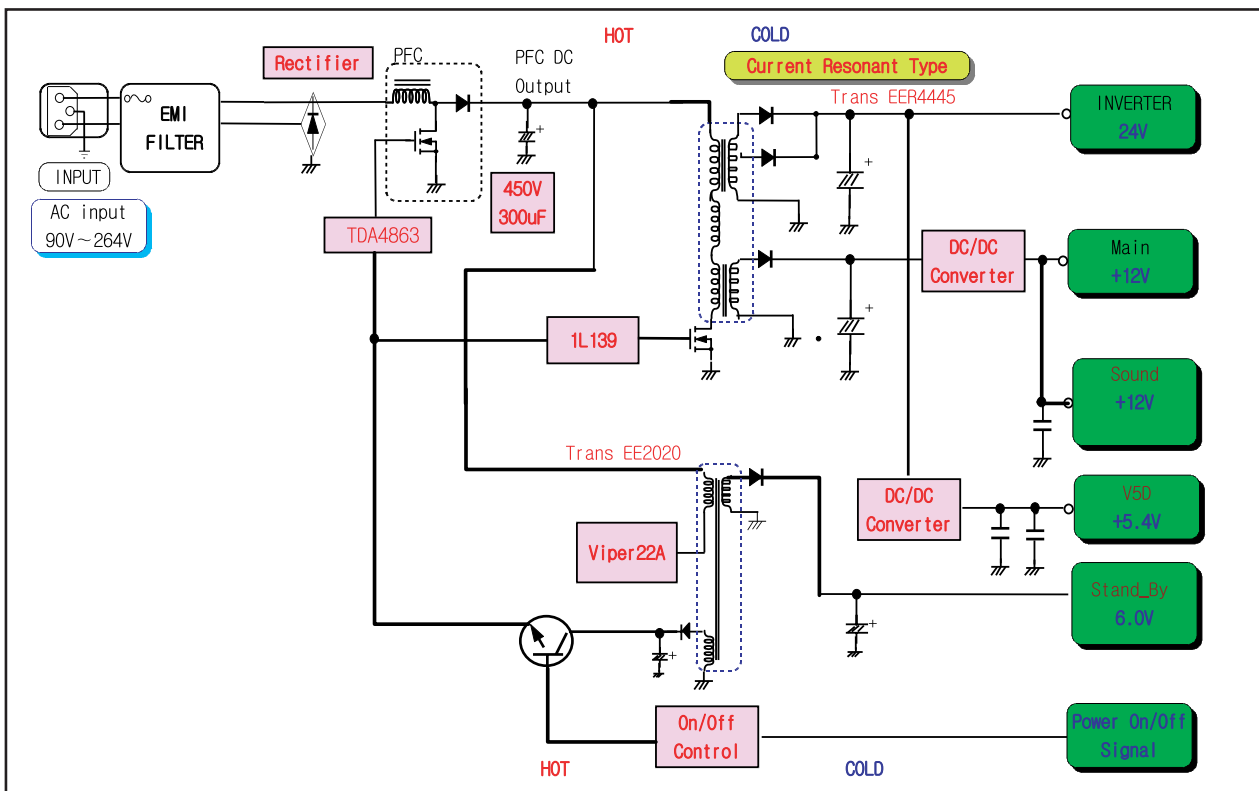
## 13 Circuit Descriptions

Output Name	Output Voltage			Output Current				Load Characteristics	PCB Loc.	Usage	Remark
	Nominal	Regulation (%)	Variable Range	Min	Typical	Peak					
<b>24V</b>	24.5V	± 4	23.52V ~ 25.48V	0.1A	3.0A	4.0A		Pulsating	Main B'D	Drive	-
<b>5.4V</b>	5.4V	± 5	5.13V ~ 5.67V	0.1A	3.0A	5.0A		Constant	Main B'D	Drive, Logic, Buffer, Image Digital	-
<b>13V</b>	12.7V	± 7	11.9V ~ 13.7V	0.01A	0.3A	0.5A		Constant	Main B'D	Image Analog	-
<b>Vamp</b>	9.2V	± 4	8.83V ~ 9.57V	0.01A	0.3A	1.1A		Constant	Main B'D	Sound	-
<b>ST-BY</b>	8.0V		5.58V ~ 8.5V	0.1A	0.3A	0.6A		Constant	Main B'D	Stand-by	-

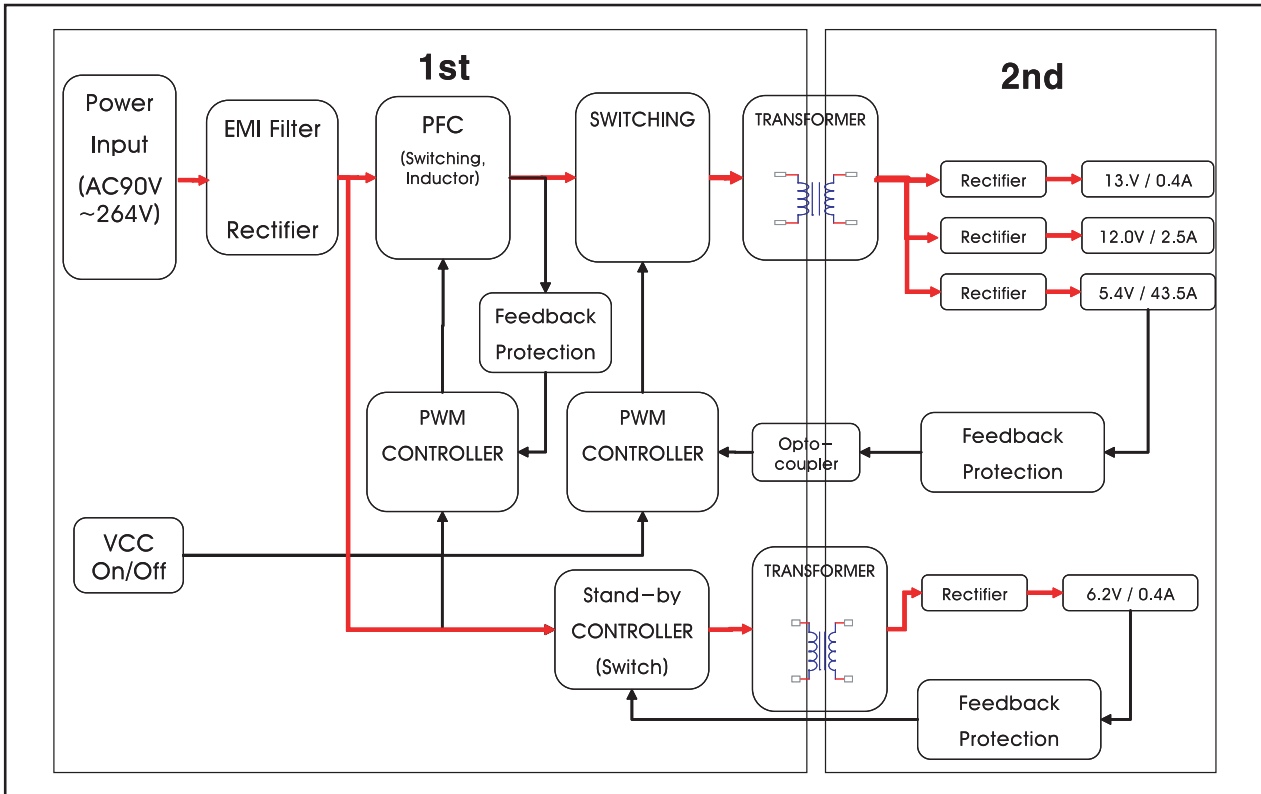
## 13-3-5 37" Power Block



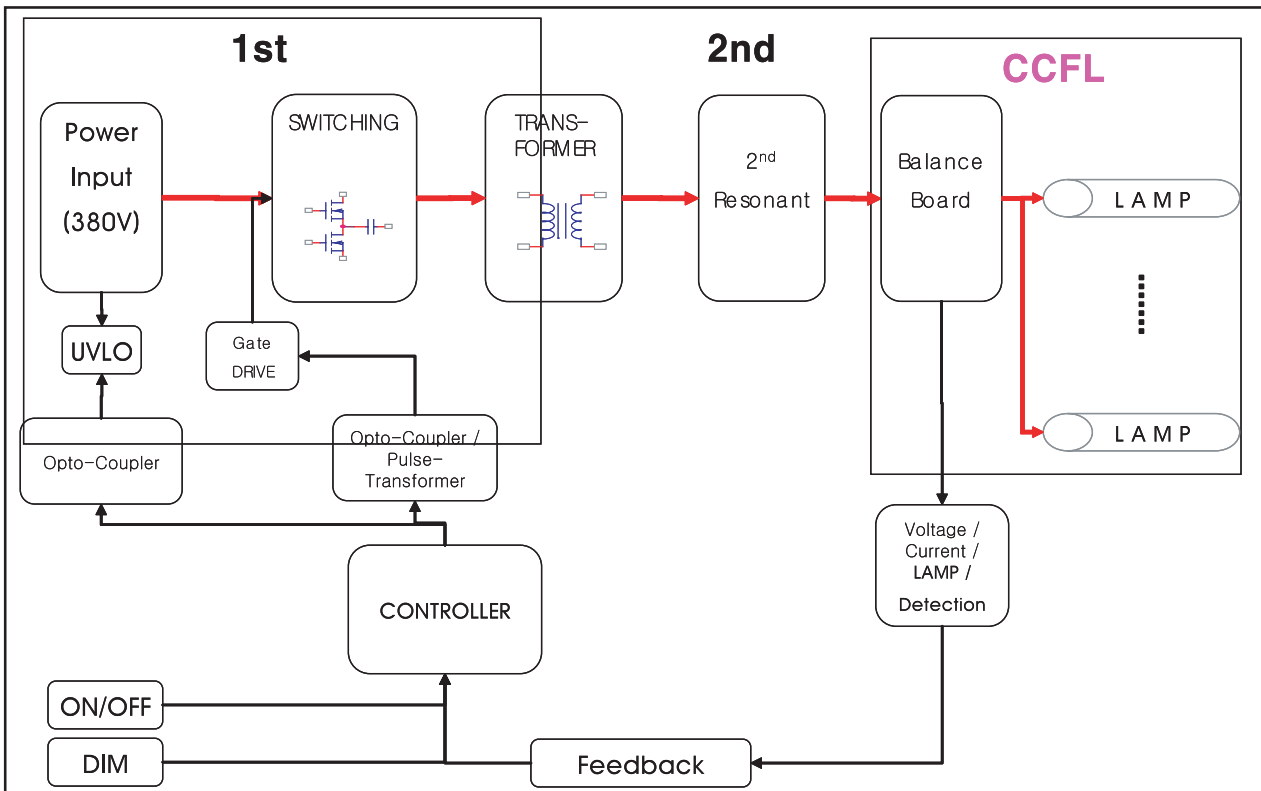
## 13-3-6 37" SMPS Diagram



13-3-7 32" , 40" IP Board



13-3-8 32" , 40" IP Board



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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 colck and PLL clock.

#### - 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.

#### - 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

<div>Sync Type</div> <div>Pin No.</div>	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-	

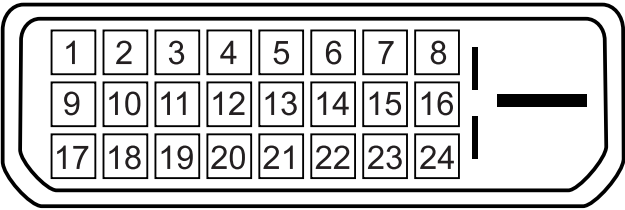


Figure 1.

## 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.

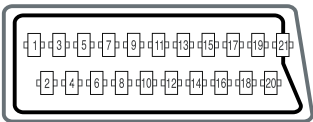
The resolutions in the table are recommended. (All resolutions between the supported limits are supported)

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 dose not support PC function.

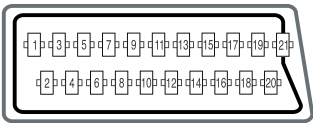
14 Reference Information

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



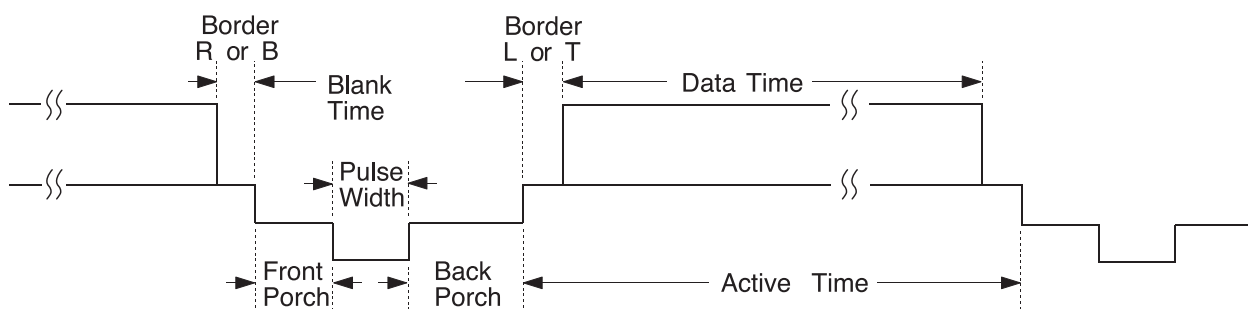
Pin	Signal	Pin	Signal
1	Audio output R	12	NC
2	Audio input R	13	Video GND (RGB red)
3	Audio output L	14	GND
4	Audio common GND	15	RGB red input
5	Video GND (RGB blue)	16	NC
6	Audio input L	17	Video output GND
7	RGB blue input	18	Video input GND
8	Switching voltage	19	Video output (CVBS out)
9	Video GND (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
Activetime	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	16.097ms
Blank time	0.566 ms
Border(T / B)	0.000 ms
Data time	16.097ms
Front porch	0.063 ms
Sync. width	0.105 ms
Back porch	0.377ms
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
Active time	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
Active time	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. Originator Mode Name Resolution (HxV)	15 VESA 1024/60Hz 1024x768	16 VESA 1024/70Hz 1024x768	19 VESA 1024/75Hz 1024x768	VESA 1360/60Hz 1360x768
HORIZONTAL Frequency Total time Activetime Blank time Border(L / R) Data time Front porch Sync. width Back porch Sync. polarity	48.363kHz 20.677 $\mu$ s 15.754 $\mu$ s 4.923 $\mu$ s 0.000 $\mu$ s 15.754 $\mu$ s 0.369 $\mu$ s 2.092 $\mu$ s 2.462 $\mu$ s Negative	56.476kHz 17.707 $\mu$ s 13.653 $\mu$ s 4.053 $\mu$ s 0.000 $\mu$ s 13.653 $\mu$ s 0.320 $\mu$ s 1.813 $\mu$ s 1.920 $\mu$ s Negative	60.023kHz 16.660 $\mu$ s 13.003 $\mu$ s 3.777 $\mu$ s 0.000 $\mu$ s 13.003 $\mu$ s 0.323 $\mu$ s 1.219 $\mu$ s 2.235 $\mu$ s Positive	47.712kHz 20.959 $\mu$ s 15.906 $\mu$ s 5.053 $\mu$ s 0.000 $\mu$ s 15.906 $\mu$ s 0.749 $\mu$ s 1.702 $\mu$ s 2.994 $\mu$ s Positive
VERTICAL Frequency Total time Active time Blank time Border(T / B) Data time Front porch Sync. width Back porch Sync polarity	60.004Hz 16.666ms 15.880ms 0.786ms 0.000ms 15.880ms 0.062ms 0.124ms 0.600ms Negative	70.069Hz 14.272ms 13.599ms 0.672ms 0.000ms 13.599ms 0.053ms 0.106ms 0.513ms Negative	75.029Hz 13.328ms 12.795ms 0.533ms 0.000ms 12.795ms 0.017ms 0.050ms 0.466ms Positive	60.015Hz 16.662ms 16.097ms 0.566ms 0.000ms 16.097ms 0.063ms 0.105ms 0.377ms 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 mechanical Compatible
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" PVA mode
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

## 14 Reference Information

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
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
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 derivation
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 development
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 derivation
SEC	LTA230W1-L02	BN07-00184A	SPZ		AMLCD 23" 16:9 new Panel

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA260W2-L01	BN07-00185A	SPZ		AMLCD 26" 16:9 new Panel
SEC	LTM240M1-L01	BN07-00195A	SPH		24" panel with high brightness deveipment
SEC	LTA400W2-L01	BN07-00186A	SPZ		AMLCD 40" 16:9 new 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" igh 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		AMLCD EU-L15 TV high brightness 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 PANEL derivation
SEC	LTA570H1-L01	BN07-00196A	SPZ		AMLCD 57" new panel development
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	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
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
CPT	CLAA170EA07	BN07-00174A	PTH		"CPT 17"" PSWG panel code derivation
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17"" PSWG type new Panel code""
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
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

## 14 Reference Information

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
HANNSTAR	HSD150MX17-A	BN07-00226A	NTZ		Hannstar 15" slim panel ZPD code derivation
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)"
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"" Hydis TV"
HYUNDAI	HT15X15-D01	BN07-00146B	DJ		"Derivation panel HPD for Ares 15"" Hydis TV "
HYUNDAI	HT17E13-100	BN07-00167A	DTH		"PINEHURST-2(IBM) PJT 17"" HYDIS PANEL Derivation"
HYUNDAI	HT17E13-100	BN07-00167B	DTZ		"PINEHURST-2(IBM) Hydis 17"" ZPD code Derivation"
ACER	L170E3	BN07-00044A	AA		TN(ADT)
ACER	M170EN05	BN07-00076A	AB		AU 17" Panel ( Narrow & slim design )

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
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		AU 32" new
ACER	M170EG01	BN07-00192A	ATH		AU TN PSWG type new Panel code
ACER	M170EG01	BN07-00192B	ATZ		AU TN PSWG type NEW panel code derivation
ACER	M190EN04	BN07-00203A	ATH		AU Monitor 19" ZPD new Panel code
ACER	T260XW02	BN07-00208A	AMZ		AUO 26" ZPD panel
ACER	M170EG01 V8	BN07-00221A	ATZ		AU TN PSWG type new Panel (8msec) ZPD code derivation
ACER	T260XW02	BN07-00233A	AMZ		AUO 26" Panel new (Cosmetic spec down grade)
ACER	T315XW01	BN07-00234A	AMZ		AUO 32" Grade new (Cosmetic spec down grade)
ACER	M190EN03	BN07-00224A	AMZ		AU Monitor 19" MVA new code derivation
ACER	T315XW01	BN07-00237A	AMZ		LCD TV VE project new
ACER	T315XW01	BN07-00238A	AMZ		LCD TV VE project new
ACER	M201UN02 V3	BN07-00168A	AMZ		
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		CHIMEI 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" development
CHIMEI	V320B1-L01	BN07-00207A	CMZ		CMO 32" development
CHIMEI	V270W1-L01	BN07-00136A	CMZ		CHI MEI 27" panel development
NEC	SVA150XG04TB	BN07-00225A	BTZ		SVA NEC 15" panel ZPD code