



LCD-TV

Chassis GTU40MUS
 GTU46MUS

Model LNT4061F
 LNT4661F

SERVICE Manual

LCD TV



Fashion Feature

- Digital-TV, RF, 3-HDMI, 2-Component, 2-A/V, 2-S-Video, USB2.0(WISELINK), D-SUB
- Brightness : 500cd/m²
- Contrast Ratio : 8000:1
- Response time : 8ms
- Dynamic contrast, Super-PVA
- PIP(in HDMI1.2.3, Component1.2, PC Mode and Sub picture is available only in TV analog mode.)

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LNT4061F / LNT4661F Service Manual

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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*).

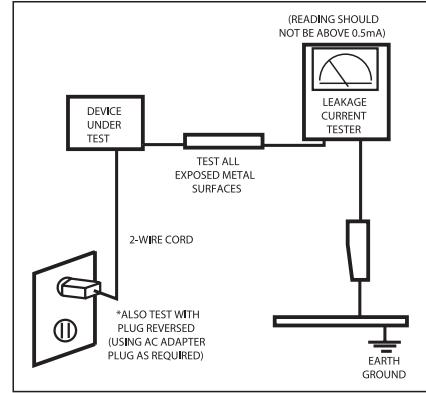


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

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 Δ 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.

1-2 Servicing Precautions

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 Electrostatically Sensitive Devices (ESD) Precautions

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

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 highvoltage cable or the antenna falling over may cause fire or electric shock.
7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes.
A rise in temperature within the product may cause fire.

1 Precautions

Memo

2 Product Specifications

2-1 Fashion Feature

- Digital-TV, RF, 3-HDMI, 2-Component, 2-A/V, 2-S-Video, USB2.0(WISELINK), D-SUB
- Brightness : 500cd/m²
- Contrast Ratio : 8000:1
- Response time : 8ms
- Dynamic contrast, Super PVA
- PIP(in HDMI1.2.3, Component1.2, PC Mode and Sub picture is available only in TV analog mode.)

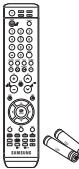
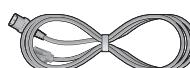
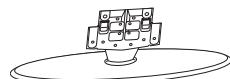
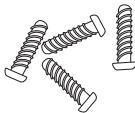
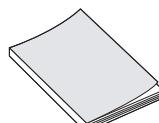
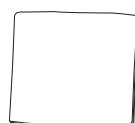
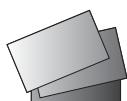
2-2 LNT4061F Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, SPVA mode, normally black, 40-Inch viewable, 0.46125(H) x 0.15375(W)*3 mm pixel pitch	
Scanning Frequency	Horizontal : 30kHz~80kHz (Automatic) Vertical : 56Hz~75Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum Resolution	Horizontal : 1920 Pixels Vertical : 1080 Pixels	
Input Video Signal	H/V Separate, TTL, P. or N.	
Input Sync Signal	Analog 0.7 Vp-p +/- 5% positive at 75 ohm,internally terminated	
Maximum Pixel Clock rate	160MHz	
Active Display Horizontal/Vertical	34.87 x 19.6 inches (885.6 x 498.15 mm)	
AC power voltage & Frequency	AC 110V~220V, 60 Hz	
Power Consumption	<245W (< 1W, stand by)	
Dimensions(W x D x H) Set	38.25 x 3.425 x 25.9 inches (971.5 x 87 x 658.5 mm) without stand 38.25 x 11.8 x 27 inches (971.0 x 300 x 687 mm) with stand	
Weight Set (With stand)	46.5 lbs (21.1kg)	
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 %	
TV System	Tuning	Frequency Synthesize
	System	ATSC, NTSC5.38
	Sound	NTSC-M, AC-3 Digital
Antenna Input	75Ω	
Sound Characteristic	<ul style="list-style-type: none"> - 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 	

2-3 LNT4661F Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, SPVA mode, normally black, 46-Inch viewable, 0.53025(H) x 0.17675(W)*3 mm pixel pitch	
Scanning Frequency	Horizontal : 30kHz~80kHz (Automatic) Vertical : 56Hz~75Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum Resolution	Horizontal : 1920 Pixels Vertical : 1080 Pixels	
Input Video Signal	H/V Separate, TTL, P. or N.	
Input Sync Signal	Analog 0.7 Vp-p +/- 5% positive at 75 ohm,internally terminated	
Maximum Pixel Clock rate	165MHz	
Active Display Horizontal/Vertical	40.1 x 22.7 inches(1018.08 x 576.67 mm)	
AC power voltage & Frequency	AC 110V~220V, 60 Hz	
Power Consumption	<265W (< 1W, stand by)	
Dimensions(W x D x H) Set	43.55 x 4.1 x 27.8 inches (1106.3 x 104.2 x 706.2 mm) without stand 43.55 x 12.8 x 30.2 inches (1106.3 x 326 x 768 mm) with stand	
Weight Set (With stand)	65.25 lbs(29.6kg)	
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 %	
TV System	Tuning	Frequency Synthesize
	System	ATSC, NTSC5.38
	Sound	NTSC-M, AC-3 Digital
Antenna Input	75Ω	
Sound Characteristic	<ul style="list-style-type: none"> - 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 	

2-4 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00599A	
	Power Cord	3903-000144	
	Cover-Bottom	BN63-03103B	
	Stand	40" : BN96-04640A 46" : BN96-04648A	
	Stand Screw (4 ea)	6002-001294	
	Owner's Instructions	BN68-01178A	
	Cleaning Cloth	BN63-01798A	
	Warranty Card / Registration Card /Safety Guide Manual (Not available in all locations)	6801-001011	

3 Alignments and Adjustments

3-1 General Alignment Instruction

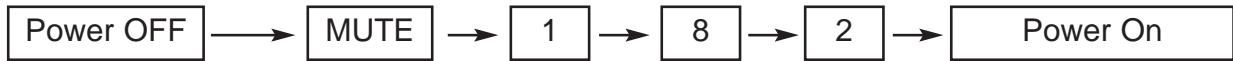
1. Usually, a color LCD-TV needs only slight touch-up adjustment upon installation.
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from 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 transformer.

3-2 Factory Mode Adjustments

3-2-1 Entering Factory Mode

To enter 'Service Mode' Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



3-2-2 How to Access Service Mode

■Using the Customer Remote

- 1.Turn the power off and set to stand-by mode
 - 2.Press the remote buttons in this order; POWER OFF-MUTE-1-8-2-POWER ON to turn the set on.
 - 3.The set turns on and enters service mode. This may take approximately 20 seconds.
 - 4.Press the Power button to exit and store data in memory.
- ※ If you fail to enter service mode, repeat steps 1 and 2 above.
- 5.Initial SERVICE MODE DISPLAY State

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
T-TULPAUS0_0040 Jan 31 2007	
T-TULPAUS5_C004 [Sec : 08]	

※ "T-TULPUS0-0025" and "T-TULPAUS5-C007" are firmware.....

6. Buttons operations withn Service Mode

Menu	Full Menu Display/Move to Parent Menu
Direction Keys ▲ / ▼	Item Selection by Moving the Cursor
Direction Keys ◀ / ▶	Data Increase / Decrease for the Selected Item
Source	Cycles through the active input source that are connected to the unit

3-2-3 Factory Data

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
T-TULPAUS0_0040 Jan 31 2007	
T-TULPAUS5_C004 [Sec : 08]	

AV Calibration
 Comp Calibration
 PC Calibration
 HDMI Calibration

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
	T-TULPAUS0_0040 Jan 31 2007
	T-TULPAUS5_C004 [Sec : 08]

Caption Level	10
Watchdog Enable	1
Spread Spectrum	>>
MODEL	Tulip
Panel Option	None
PWM Dimming	INT
NIM Version	KS1410
AUTO WALL	On
RS-232 JACK	AutoWM
Gamma	OFF
HSCB	STD
LVDS_TX_Fmt	[2]
LVDS_TX_Bit	10Bit

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
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MSP44XX	
NTP3000	
	T-TULPAUS0_0040 Jan 31 2007
	T-TULPAUS5_C004 [Sec : 08]

Sub Brightness	128
R-Offset	512
G-Offset	512
B-Offset	512
Sub Contrast	128
R-Gain	512
G-Gain	512
B-Gain	512

W/B MOVIE ON/OFF	Off	Nor_Rgain	0
MODE	Dynamic	Nor_Bgain	0
Color Tone	Cool1	Nor_Roffset	0
Msub Contrast	128	Nor_Boffset	0
Msub Bright	128	C2_Rgain	0
W1_Rgain	0	C2_Bgain	0
W1_Bgain	0	C2_Roffset	0
W1_Roffset	0	C2_Boffset	0
W1_Boffset	0	Movie Contrast	80
W2_Rgain	0	Movie Bright	50
W2_Bgain	0	Movie Color	55
W2_Roffset	0	Movie Sharpness	20
W2_Boffset	0		

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
	T-TULPAUS0_0040 Jan 31 2007
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3 Alignments and Adjustments

NTSC-RF	
Calibration	Submicom Download
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SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
T-TULPAUS0_0040	Jan 31 2007
T-TULPAUS5_C004	[Sec : 08]

Sharpness >>	
LNA PLUS >>	
UV Delay >>	
PGA >>	
Calibration Target >>	
CLK_A 16	
CLK_B 133	
CLK_C 8	
Roffset 67	
Goffset 67	
Boffset 67	
RGain 274	
GGain 274	
BGain 274	

H2gain 10	
H4gain 10	
V2gain 16	
V4gain 16	
Sr2gain 0	
Sr4gain 0	
Sl2gain 0	
Sl4gain 0	
Peakth1 8	
Peakth2 47	
Sub_Color 80	

Sharpness >>	
LNA PLUS >>	
UV Delay >>	
PGA >>	
Calibration Target >>	
CLK_A 16	
CLK_B 133	
CLK_C 8	
Roffset 67	
Goffset 67	
Boffset 67	
RGain 274	
GGain 274	
BGain 274	

dB0_Peaking_th1 0	
dB0_Vpeaking_th1 0	
dB1_NoiseAmount 0	
dB1_Peaking_th1 0	
dB1_Vpeaking_th1 0	
dB2_NoiseAmount 0	
dB2_Peaking_th1 0	
dB2_Vpeaking_th2 0	
dB3_NoiseAmount 0	
dB3_Peaking_th1 0	
dB3_Vpeaking_th1 0	

Sharpness >>	
LNA PLUS >>	
UV Delay >>	
PGA >>	
Calibration Target >>	
CLK_A 16	
CLK_B 133	
CLK_C 8	
Roffset 67	
Goffset 67	
Boffset 67	
RGain 274	
GGain 274	
BGain 274	

U Delay 0	
V Delay 0	

Sharpness	>>	
LNA PLUS	>>	
UV Delay	>>	
PGA	>>	
Calibration Target	>>	
CLK_A	16	TCD3_Contrast
CLK_B	133	TCD3_Bright
CLK_C	8	TCD3_YC_Delay
Roffset	67	ANALOG_Y_Offset
Goffset	67	ANALOG_PB_Offset
Boffset	67	ANALOG_PR_Offset
RGain	274	ANALOG_Y_Gain
GGain	274	ANALOG_PB_Gain
BGain	274	ANALOG_PR_Gain

Sharpness	>>	
LNA PLUS	>>	
UV Delay	>>	
PGA	>>	
Calibration Target	>>	
CLK_A	16	1st_AV_LOW
CLK_B	133	0x10
CLK_C	8	1st_AV_High
Roffset	67	0xDC
Goffset	67	1st_AV_Delta
Boffset	67	0x4
RGain	274	1st_COMP_LOW
GGain	274	0x10
BGain	274	1st_COMP_High

2st_AV_High	0x8
2st_AV_Delta	0x1
2st_COMP_LOW	0xEB
2st_COMP_High	0x8
2st_COMP_Delta	0x1
2st_PC_LOW	0xEB
2st_PC_High	0x8
2st_PC_Delta	0x1
2st_HDMI_LOW	0xEB
2st_HDMI_High	0x8
2st_HDMI_Delta	

NTSC-RF		Patt-Sel	0
Calibration	Submicom Download	B-Slope Gain	44
Option Byte	Checksum	B-Tilt Min	20
White Balance	KS1410	B-Tilt Max	120
W/B MOVIE	Dynamic Contrast	Lfunc Basis	65
SVP-LX	EEPROM Access Count	Hfunc Basis	88
FBE2	RESET	Mean offset1	45
MSP44XX		Mean offset2	175
NTP3000		Mean slope	70
T-TULPAUS0_0040 Jan 31 2007		Input Offset	128
T-TULPAUS5_C004 [Sec : 08]		Acr Offset	15
		Arc Th1	30
		Acr th2	100
		Skin-Enable	1
		Skin-Tu	120
		Skin-Tv	120
		Sub Color	135
		M-Skin-Tu	128
		M-Skin-Tv	128
		M-Au-Sub color	128
		MW_Skin Tu	128
		MW_Skin Tv	128
		M-Wi-Sub color	128

3 Alignments and Adjustments

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
T-TULPAUS0_0040	Jan 31 2007
T-TULPAUS5_C004	[Sec : 08]

FM_Precal	31
NICAM_Prescale	7
SpdifDely	0
InternalDelayDtv	0
InternalDelayAnalog	45
Carrier Mute	1
Pilot High	10
Pilot Low	5
Scart1 Out Volume	109
Scart2 Out Volume	115

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
T-TULPAUS0_0040	Jan 31 2007
T-TULPAUS5_C004	[Sec : 08]

Amp Volume	30
PWM MOD	243
Drc Thresh	12
Speaker EQ	1

NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
T-TULPAUS0_0040	Jan 31 2007
T-TULPAUS5_C004	[Sec : 08]

Submicom Download	0
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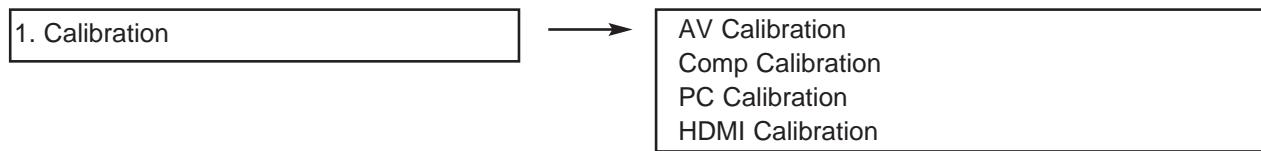
NTSC-RF	
Calibration	Submicom Download
Option Byte	Checksum
White Balance	KS1410
W/B MOVIE	Dynamic Contrast
SVP-LX	EEPROM Access Count
FBE2	RESET
MSP44XX	
NTP3000	
T-TULPAUS0_0040	Jan 31 2007
T-TULPAUS5_C004	[Sec : 08]

Checksum	[0000]
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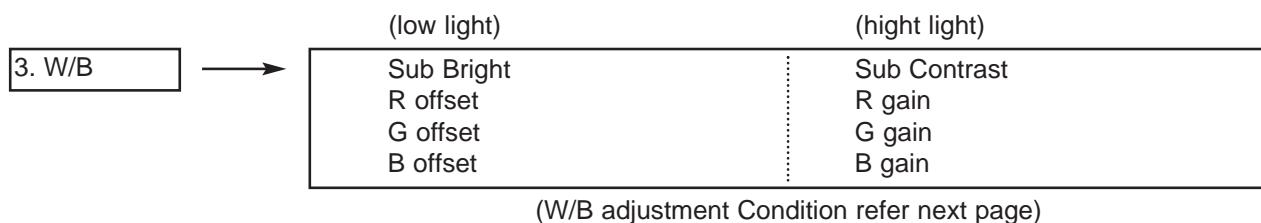
NTSC-RF Calibration Submicom Download Option Byte Checksum White Balance KS1410 W/B MOVIE Dynamic Contrast SVP-LX EEPROM Access Count FBE2 RESET MSP44XX NTP3000 T-TULPAUS0_0040 Jan 31 2007 T-TULPAUS5_C004 [Sec : 08]	RF_AGC	0x8A	VSB_EQ_STEP	0x6111
	VSB-CR_GAIN	0x2E	VSB_PTL_STEP	0x522
	VSB-CR_K1_1_NARROW	0xE	VSB_PTL_ALPHA	0x55
	VSB-CR_K1_1_WIDE	0xC	QAM_AGC	0x2A38
	VSB-CR_K1_2_NARROW	0xD	QAM_EQ_STEP1	0x312F
	VSB-CR_K1_2_WIDE	0xC	QAM_EQ_STEP2	0xA8B0
	VSB-CR_K2_1_NARROW	0x12	QAM_PTL_K1	0X37
	VSB-CR_K2_1_WIDE	0x10	QAM_PTL_K2	0x2D
	VSB-CR_K2_2_NARROW	0x11		
	VSB-CR_K2_2_WIDE	0x10		
NTSC-RF Calibration Submicom Download Option Byte Checksum White Balance KS1410 W/B MOVIE Dynamic Contrast SVP-LX EEPROM Access Count FBE2 RESET MSP44XX NTP3000 T-TULPAUS0_0040 Jan 31 2007 T-TULPAUS5_C004 [Sec : 08]	VSB_EQ_CTRL1	0x30E		
	VSB_EQ_CTRL2	0x104		
	VSB_EQ_INIT_STEP	0x3161		
	Dynamic CE	Off		
	Dynamic Dimming	Off		
	FBE2 Y_MEAN READ			
	Addr:2DAA, Cnt:	4	Addr:329E, Cnt:	2
	Addr:32A5, Cnt:	2	Addr:32A0, Cnt:	2
	Addr:2DA8, Cnt:	2	Addr:329D, Cnt:	2
	Addr:2D58, Cnt:	2	Addr:329C, Cnt:	2
NTSC-RF Calibration Submicom Download Option Byte Checksum White Balance KS1410 W/B MOVIE Dynamic Contrast SVP-LX EEPROM Access Count FBE2 RESET MSP44XX NTP3000 T-TULPAUS0_0040 Jan 31 2007 T-TULPAUS5_C004 [Sec : 08]	Addr:2D5A, Cnt:	2	Addr:329B, Cnt:	2
	Addr:2DA9, Cnt:	2	Addr:329A, Cnt:	2
	Addr:2D5B, Cnt:	2	Addr:3299, Cnt:	2
	Addr:2D59, Cnt:	2	Addr:3298, Cnt:	2
	Addr:2DAB, Cnt:	2	Addr:3297, Cnt:	2
	Addr:732E, Cnt:	2	Addr:2581, Cnt:	2
	Addr:7331, Cnt:	2	Addr:329F, Cnt:	2
	Addr:2A19, Cnt:	2		
	Addr:737F, Cnt:	2		
NTSC-RF Calibration Submicom Download Option Byte Checksum White Balance KS1410 W/B MOVIE Dynamic Contrast SVP-LX EEPROM Access Count FBE2 RESET MSP44XX NTP3000 T-TULPAUS0_0040 Jan 31 2007 T-TULPAUS5_C004 [Sec : 08]				

3-3 White Balance - Calibration

3-3-1 White Balance -Calibration



3-3-2 White Balance - Adjustment



3-4 White Ratio (Balance) Adjustment

1. You can adjust the white ratio in factory mode (1:Calibration, 3:White-Balance).
2. Since the adjustment value and the data value vary depending on the input source, you have to adjust these in CVBS, Component 1 and HDMI 1 modes.
3. The optimal values for each mode are configured by default. (Refer to Table 1, 2.)

It varies with Panel's size and Specification.

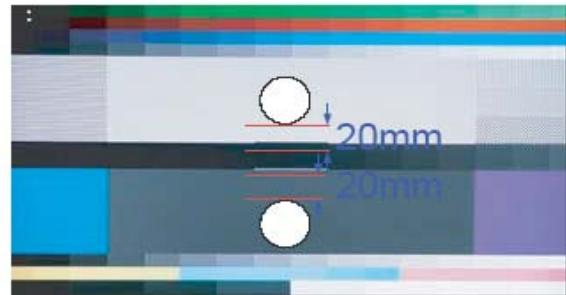
- Equipment : CS-210

- Pattern: MIK K-7256 #92 "Flat W/B Pattern" as standard

- Use other equipment only after comparing the result with that of the Master equipment.

- Set Aging time : 60min ↑

- Calibration and Manual setting for WB adjustment.



HDMI : Calibration at #24 Chessboard Pattern → Manual adjustment #92 pattern (720p)

COMP: Calibration at #24 Chessboard Pattern → Manual adjustment at #92 pattern (720p)

CVBS: Calibration at #24 Chessboard Pattern → Manual adjustment at #92 pattern (NTSC)

- If finishing in HDMI mode, adjustment coordinate is almost same in AV/COMP mode.

- White Balance Manual Adjustment

	Adjustment Coordinate				
		x	y	Y(L)	T(K) ± MPCD
CVBS (NTSC)	H/L	266	288	- (Sub_CT:130)	12,000 (±40)
	L/L	266	288	12.6cd/m ² (3.7 Ft)	12,000 (±40)
COMP (720P)	H/L	266	288	- (Sub_CT:130)	12,000 (±40)
	L/L	266	288	13.0cd/m ² (3.8 Ft)	12,000 (±40)
HDMI (720P)	H/L	266	288	- (Sub_CT:130)	12,000 (±40)
	L/L	266	288	13.0cd/m ² (3.8 Ft)	12,000 (±40)

- Adjustment Specification

White Balance : High light (± 2), Low light (± 3)

Luminance : High light (Don't care), Low light (± 0.2 Ft/L)

3-5 Servicing Information

3-5-1 USB Download Method

Samsung may offer upgrades for TV's firmware in the future. Please contact the Samsung call center at 1-800-SAMSUNG (7267864) to receive information about downloading upgrades and using a USB drive. Upgrades will be possible by connecting a USB drive to the USB port located on the back of your TV.

1. Insert a USB drive containing the firmware upgrade into the WISELINK port on the side of the TV.
2. Press the MENU button to display the menu.
Press the ▲ or ▼ button to select Setup, then press the ENTER button.
3. Press the ▲ or ▼ button to select Software upgrade, then press the ENTER button.
4. Press the ▲ or ▼ button to select USB Upgrade, then press the ENTER button.

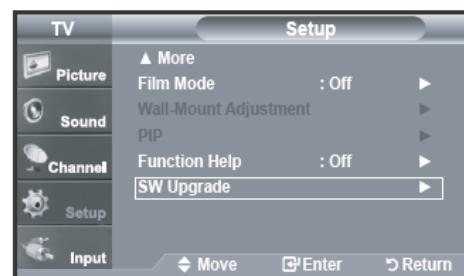
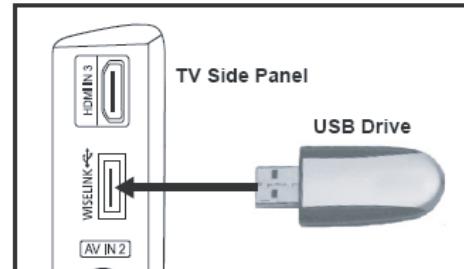
The message Scanning for USB...

It may take up to 30 seconds is displayed.

Please be careful to not disconnect the power or remove the USB drive while upgrades are being applied. The TV will shut off and turn on automatically after completing the firmware upgrade. Please check the firmware version after the upgrades are complete.

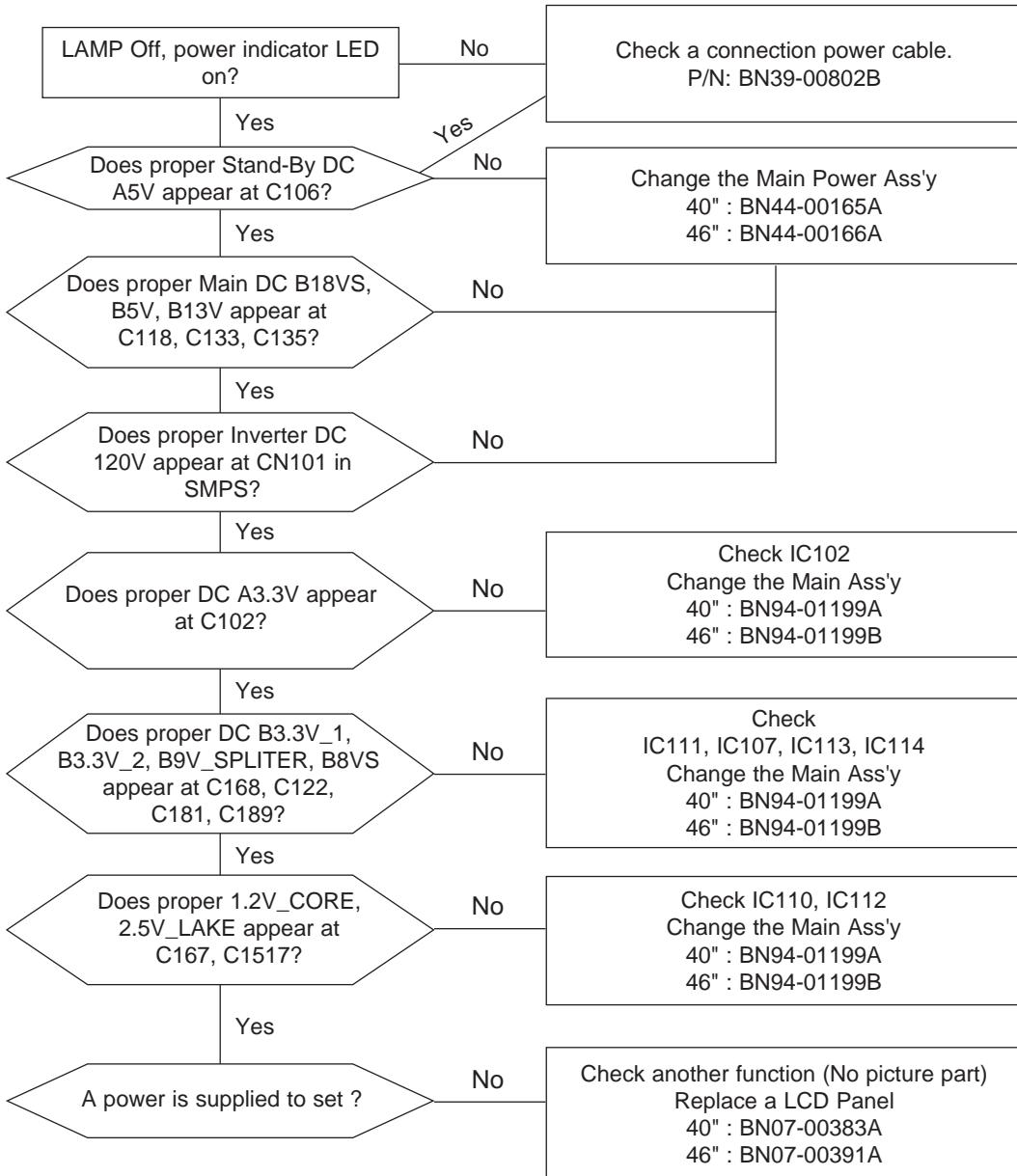
* How to check Program Version

1. Press " MENU "
2. Select " SETUP "
3. Select " INFORMATION HELP "
4. Highlight " ON " option
5. Press " INFO " button on the remote control

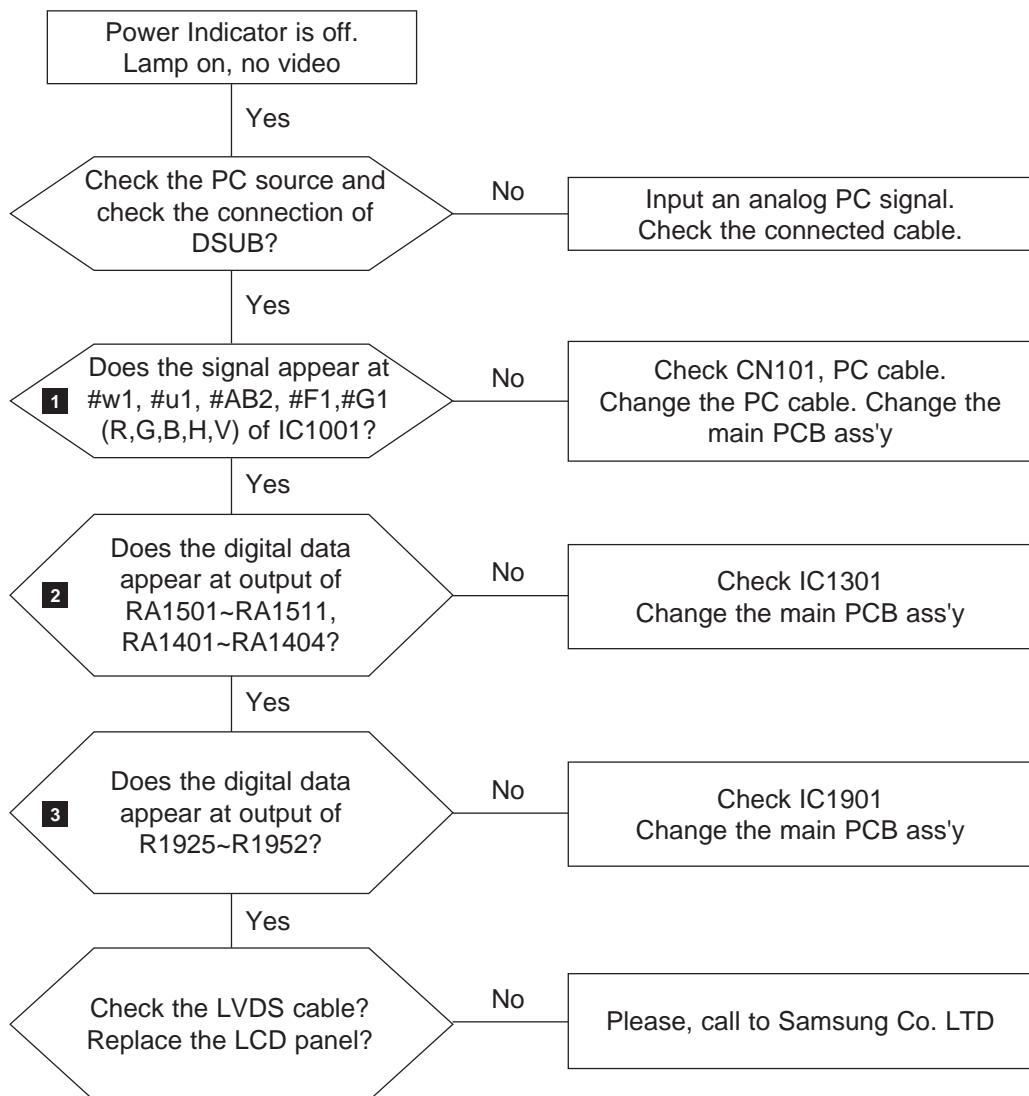


4 Troubleshooting

4-1 No Power

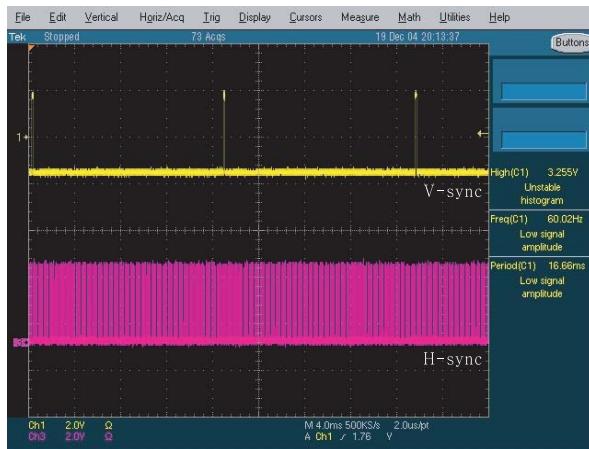


4-2 No Video (Analog PC Signal)

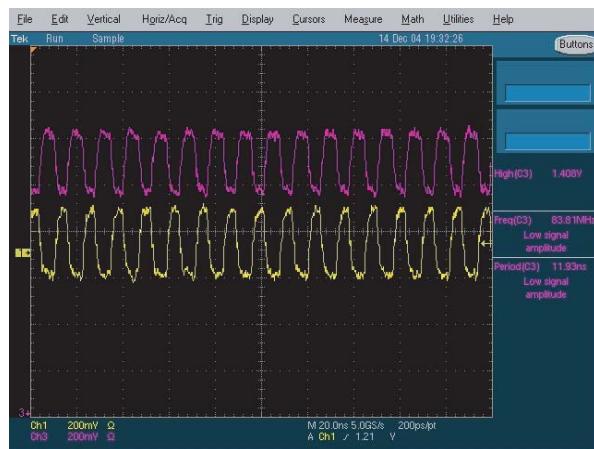


WAVEFORMS

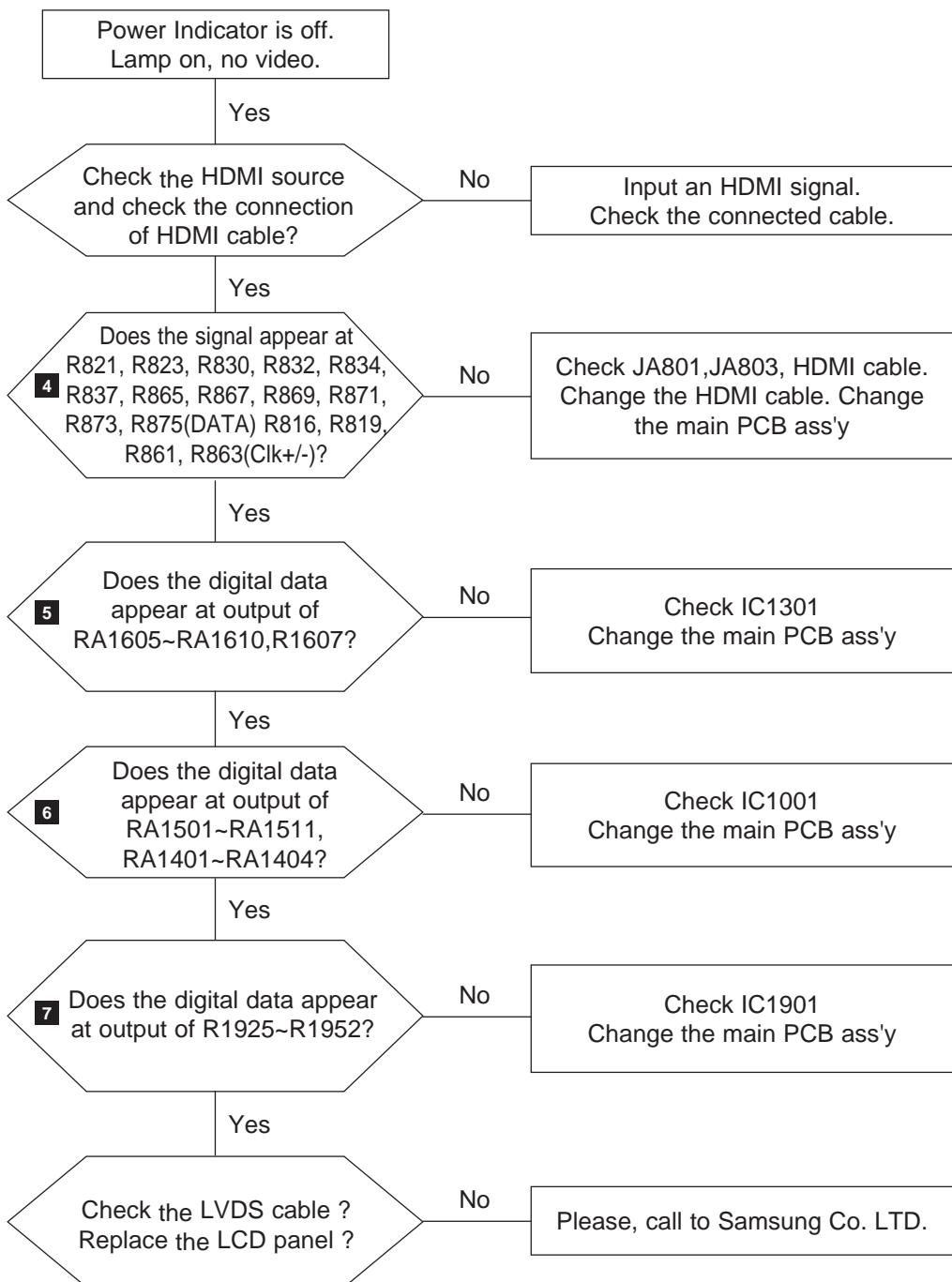
1 2 PC Input (V-Sync, H-Sync)



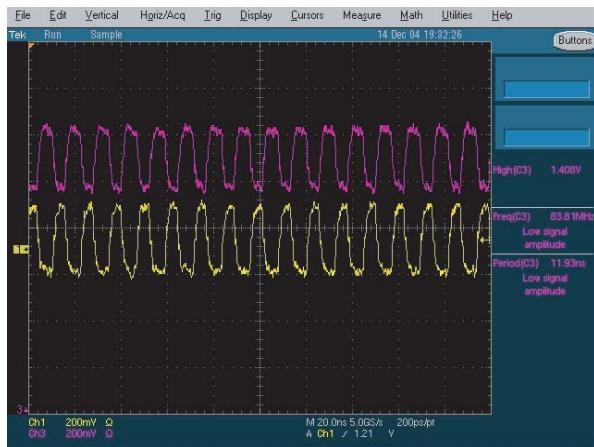
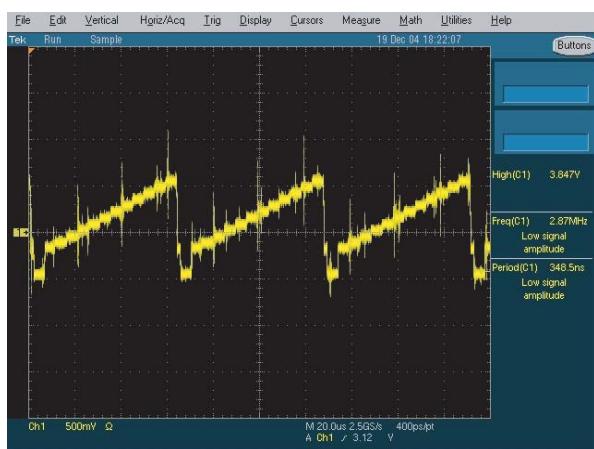
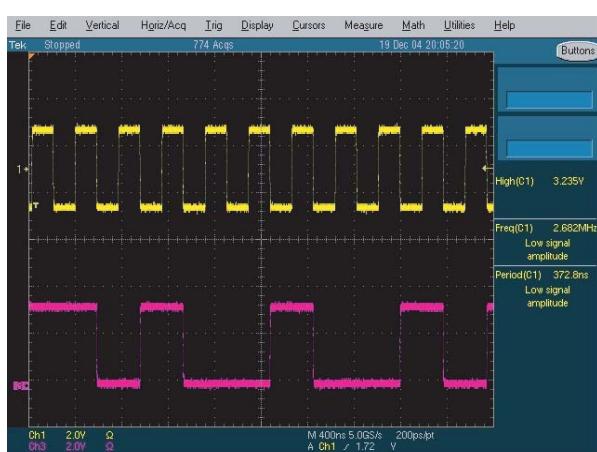
3 LVDS Out (CLK + / -)



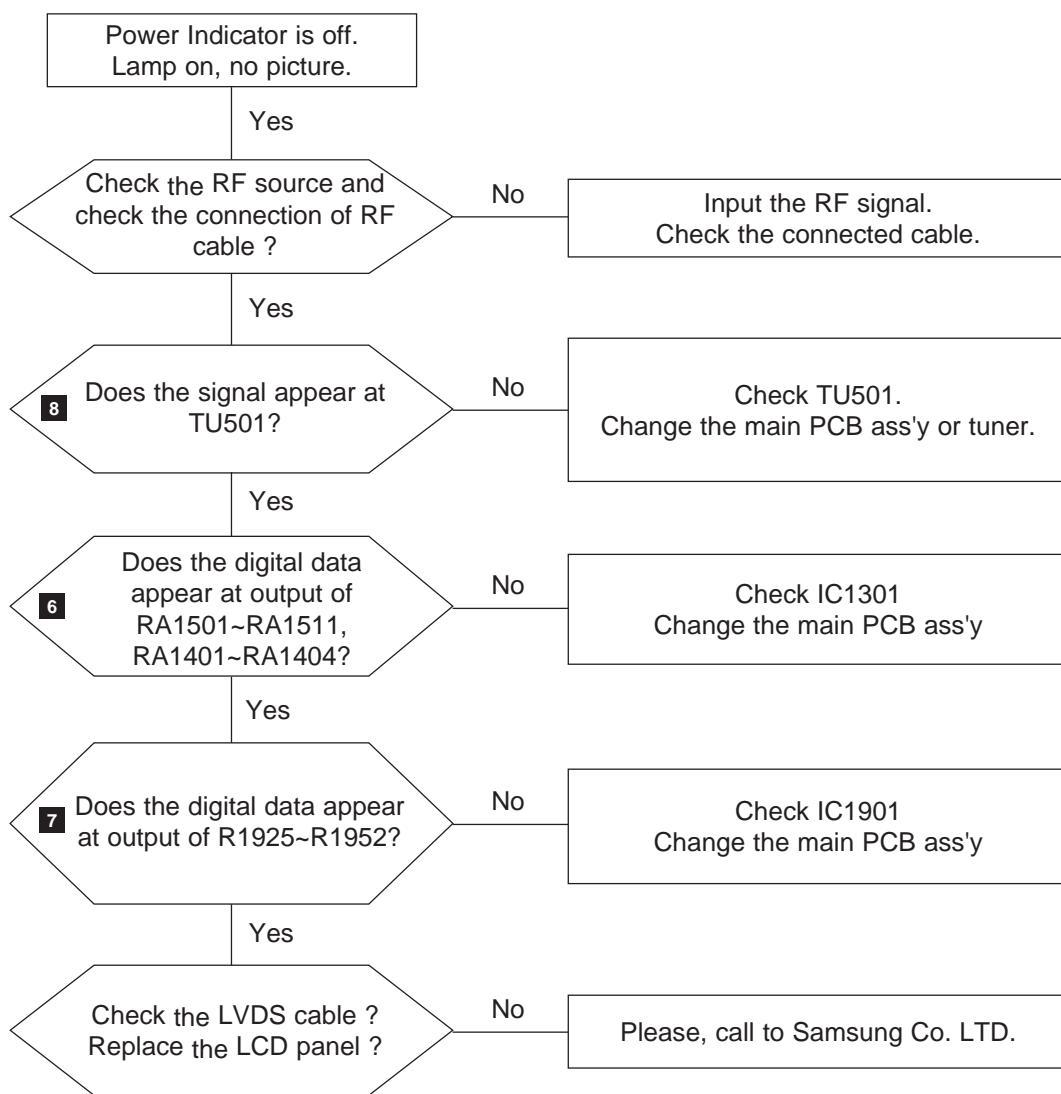
4-3 No Video (HDMI - Digital Signal)



WAVEFORMS

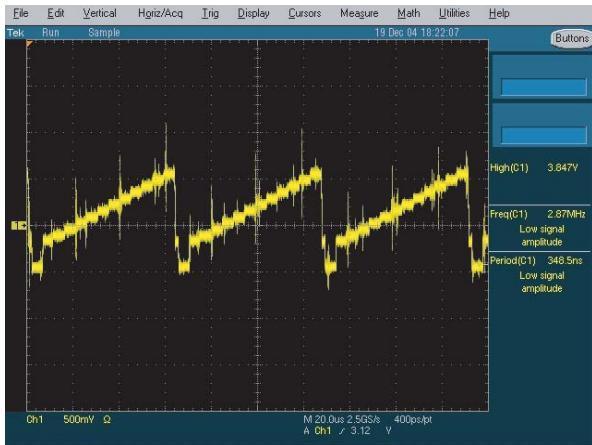
4 5 HDMI Input (CLK + / -)**6** Tuner CVBS Out (Pattern: Grey Bar)**7** TS DATA Out (Clk: Data[0])

4-4 No Picture (Tuner_CVBS)

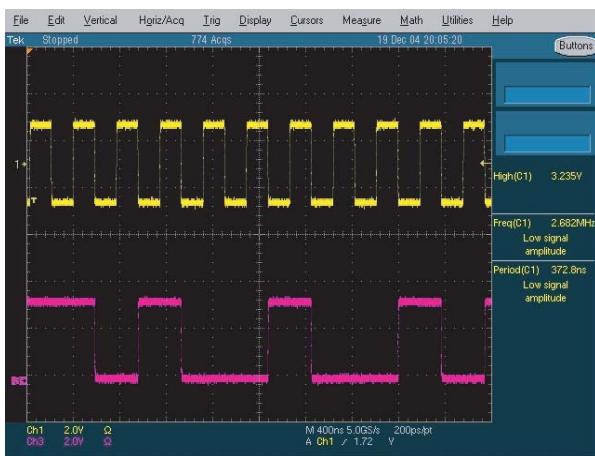


WAVEFORMS

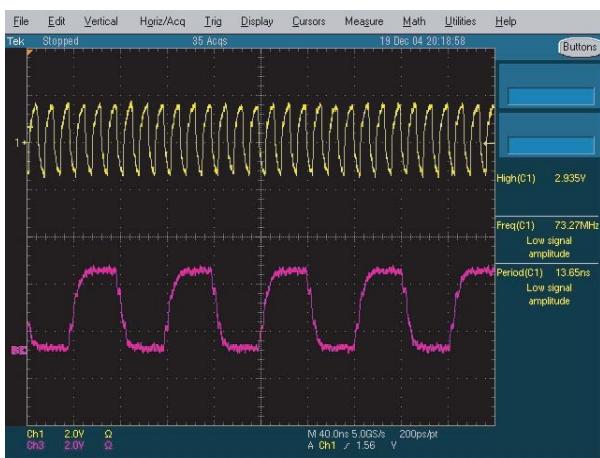
6 Tuner CVBS Out (Pattern: Grey Bar)



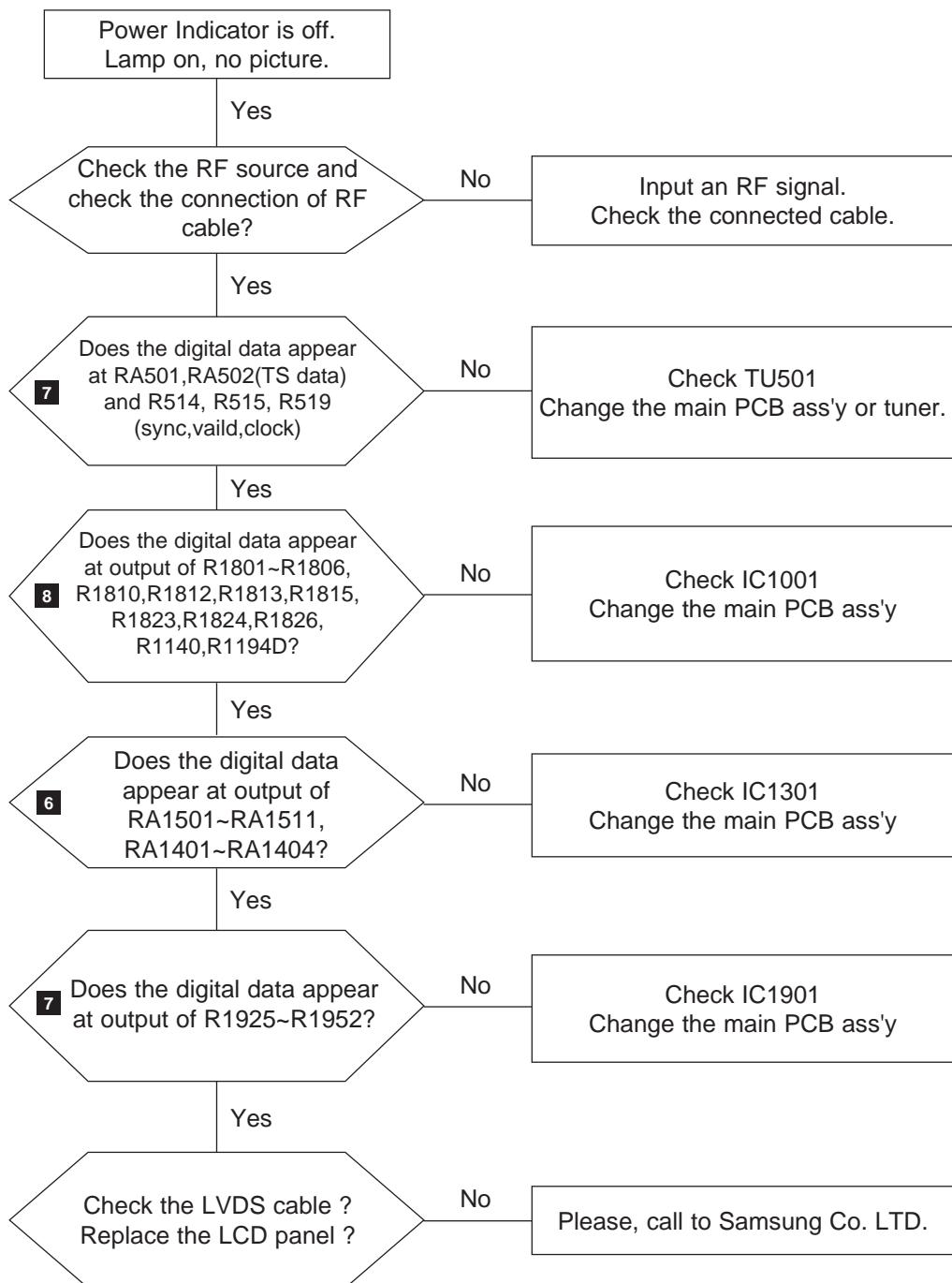
7 TS DATA Out (Clk: Data[0])



8 Eagle+ Out (Clk, H-Sync)

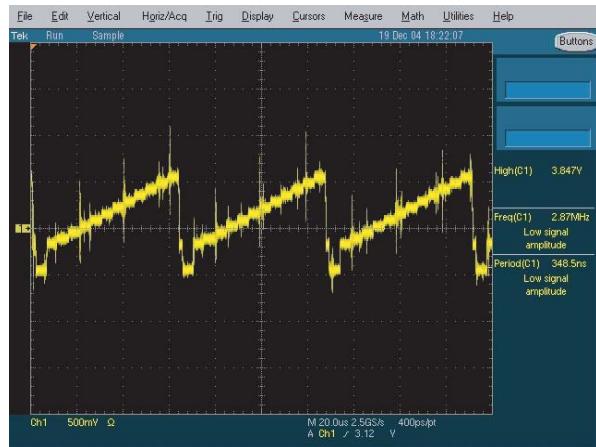


4-5 No Picture (Tuner DTV TS)



WAVEFORMS

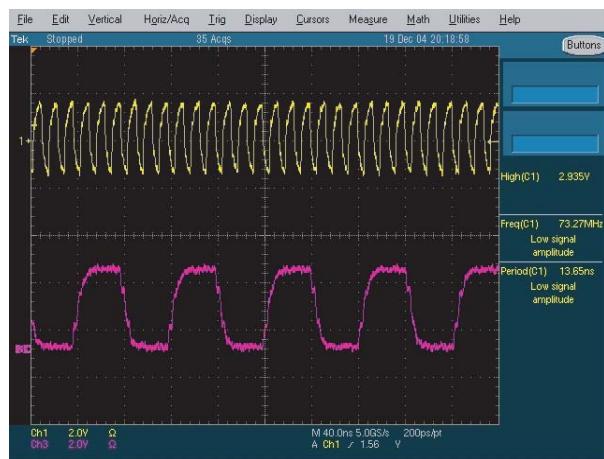
6 Tuner CVBS Out (Pattern: Grey Bar)



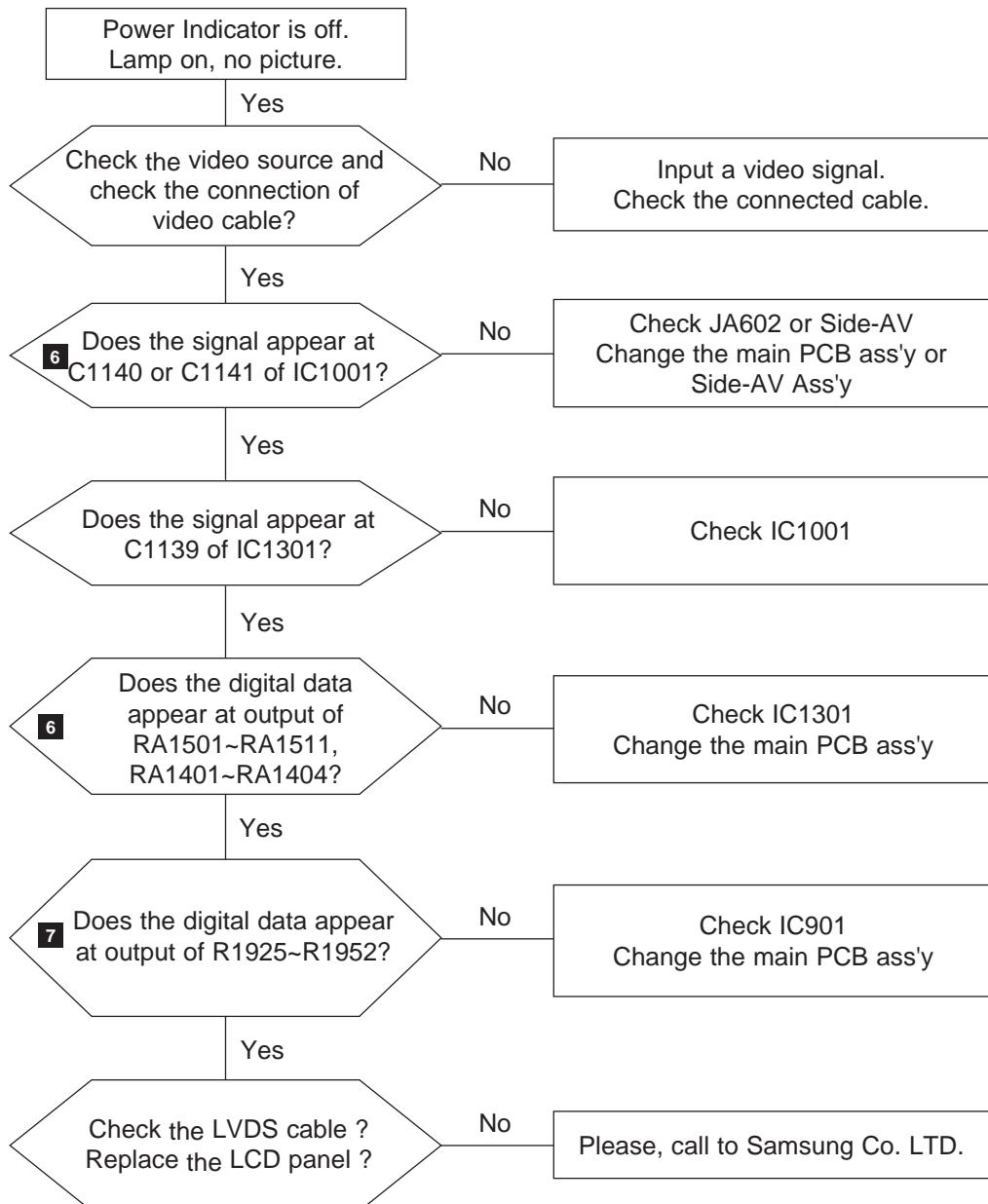
7 TS DATA Out (Clk: Data[0])



8 Eagle+ Out (Clk, H-Sync)

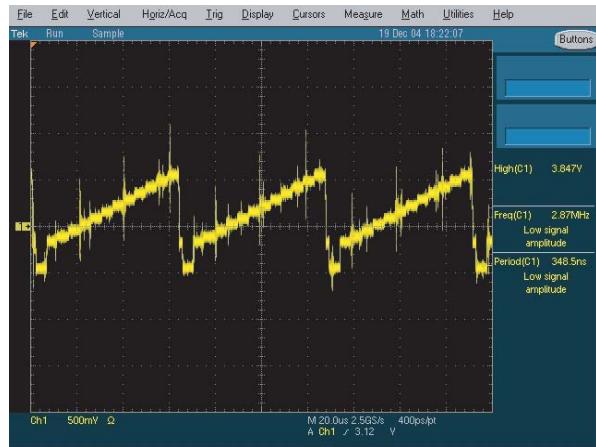


4-6 No Picture(Video CVBS)

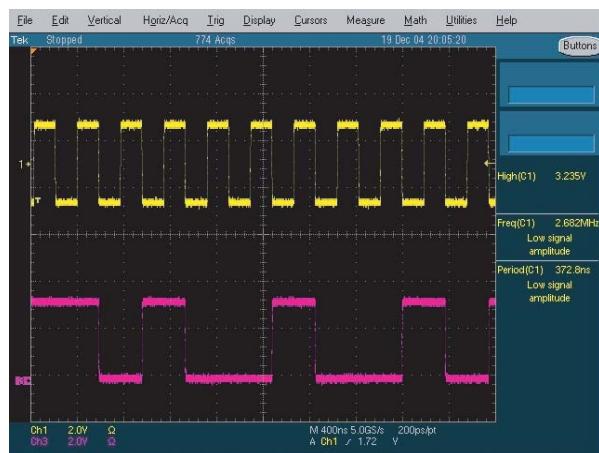


WAVEFORMS

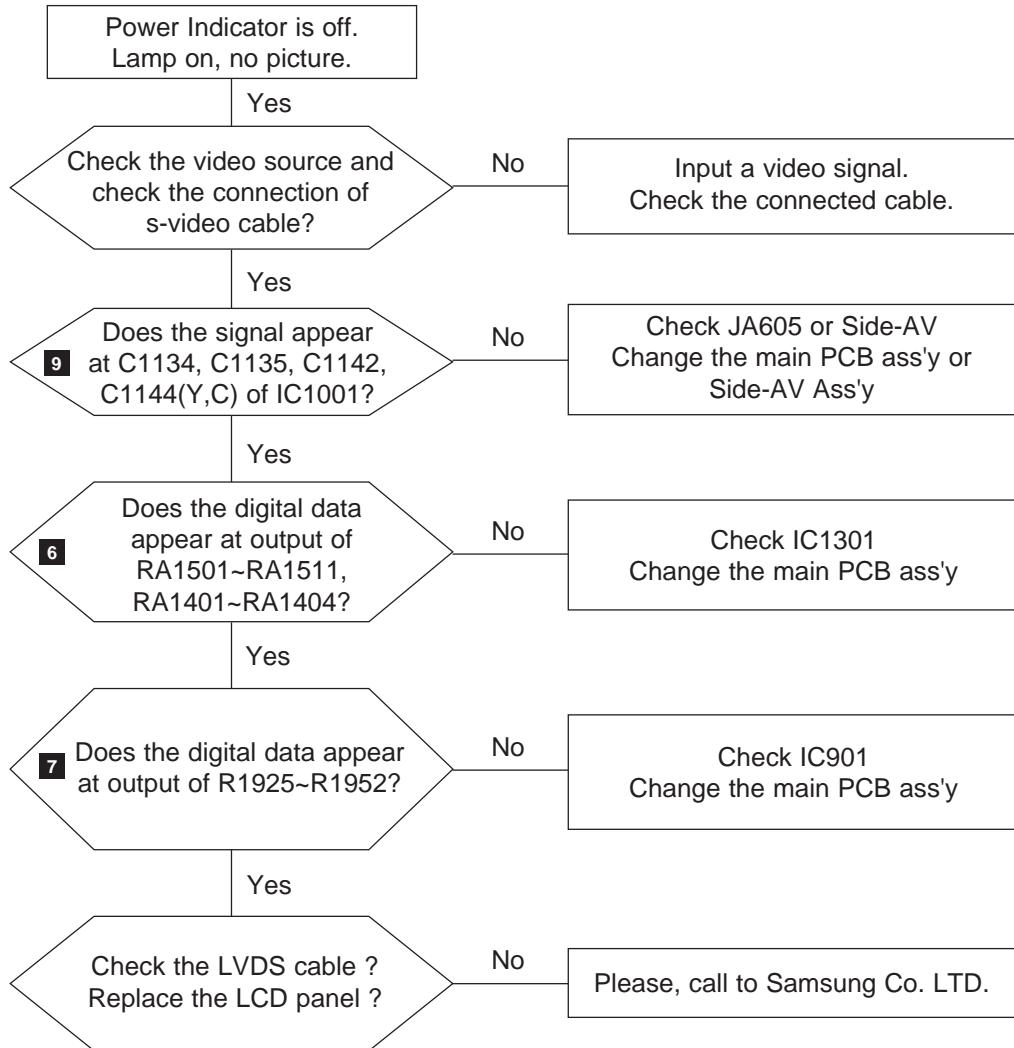
6 Tuner CVBS Out (Pattern: Grey Bar)



7 TS DATA Out (Clk: Data[0])

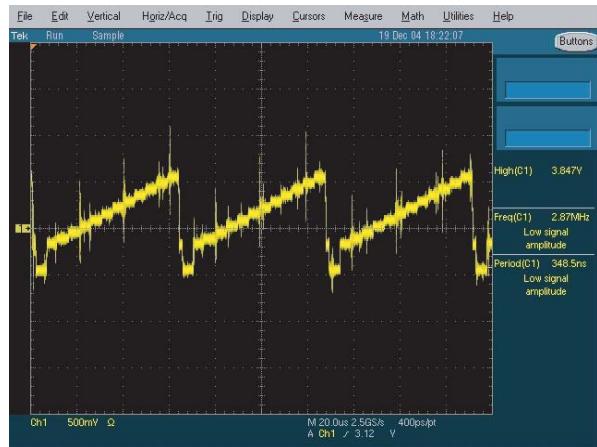


4-7 No Picture(S-Video 1,2)

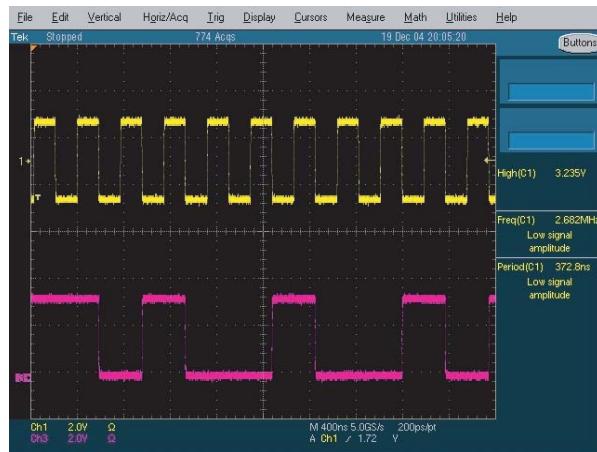


WAVEFORMS

6 Tuner CVBS Out (Pattern: Grey Bar)



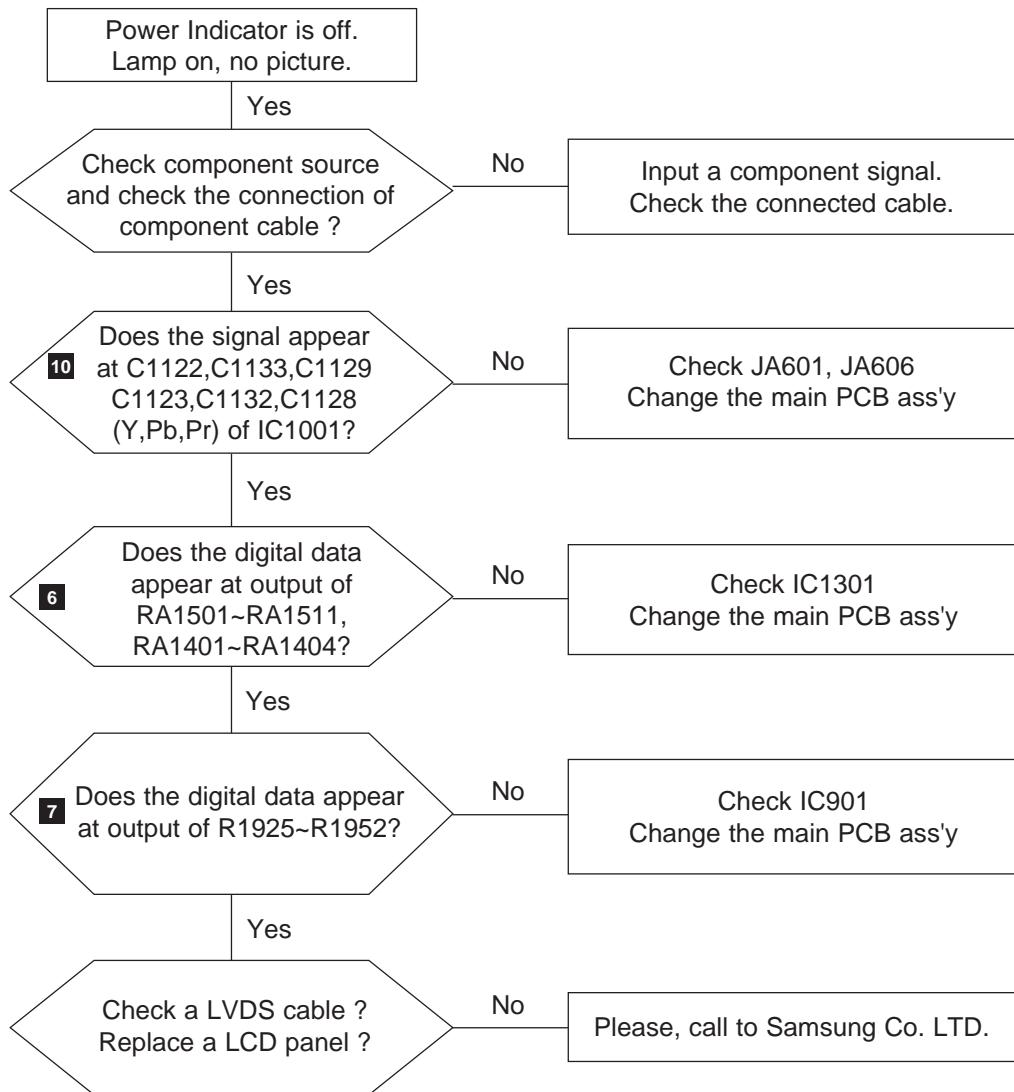
7 TS DATA Out (Clk: Data[0])



9 S-VIDEO Input (Y/C)

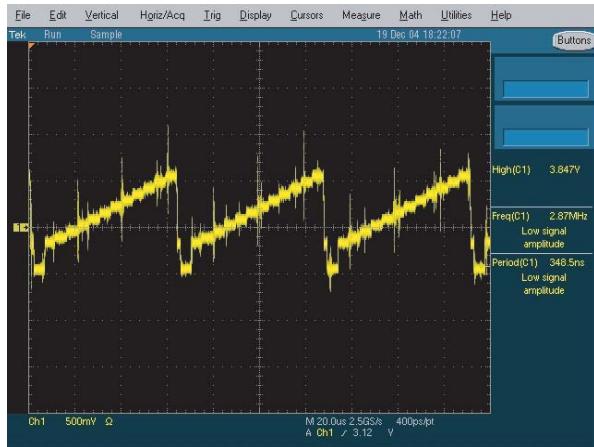


4-8 No Picture(Component1, 2 : 480i, 480p, 720p, 1080i[Y, Pb, Pr])



WAVEFORMS

6 Tuner CVBS Out (Pattern: Grey Bar)



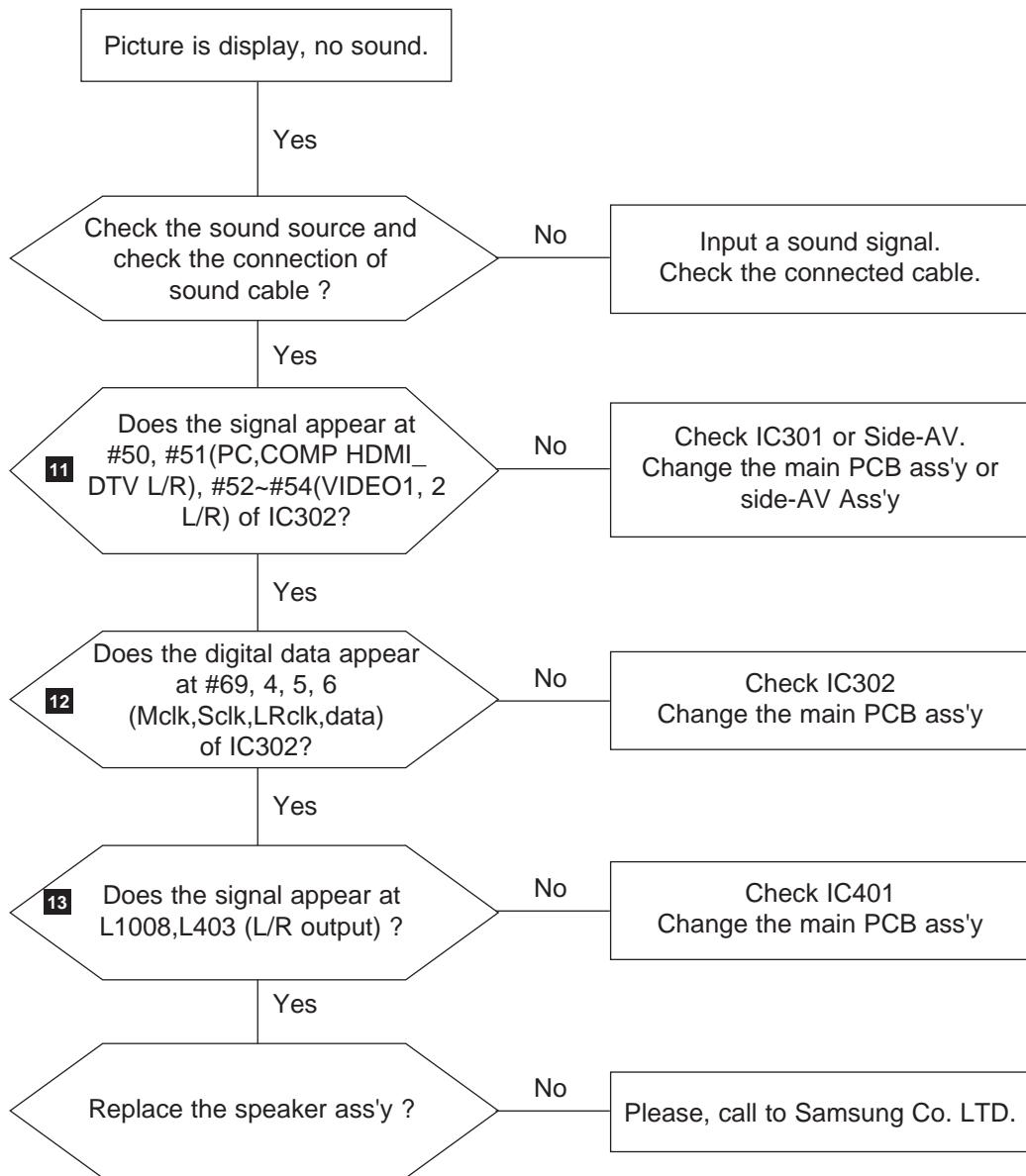
7 TS DATA Out (Clk: Data[0])



10 Component Input (Y/Pb)

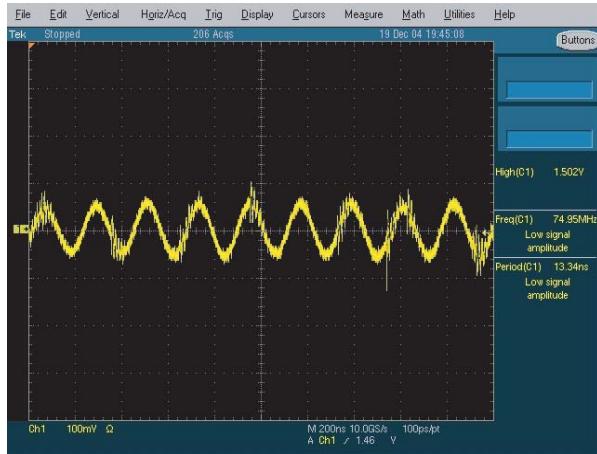


4-9 No Sound

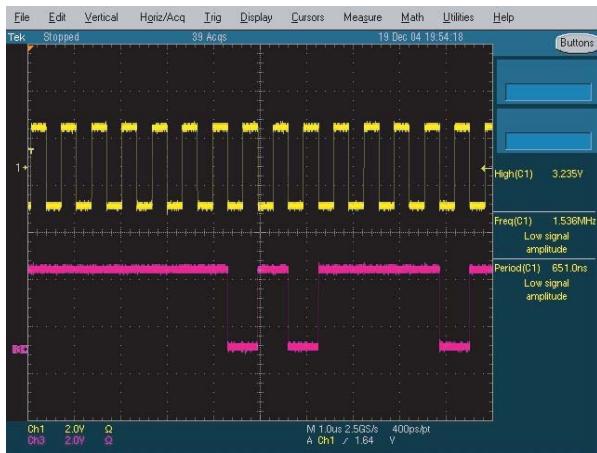


WAVEFORMS

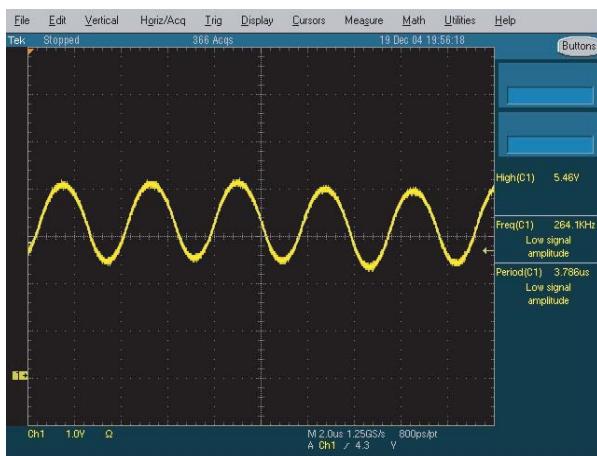
11 Audio Input (Sign Wave)



12 12S Input (Clk, Data)



13 Audio Amp Out (Sign Wave)



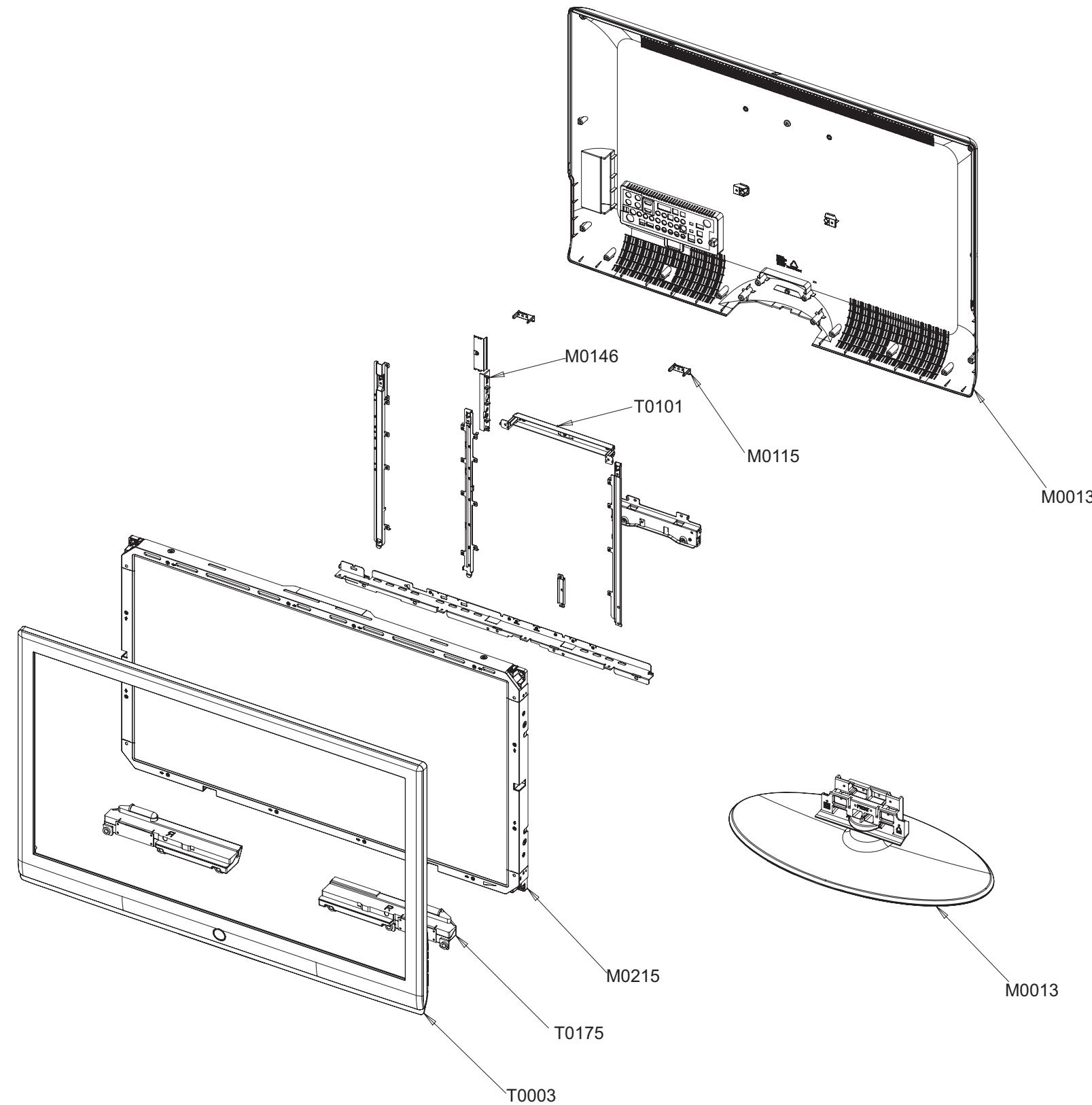
Memo

5 Exploded View and Parts List

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

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

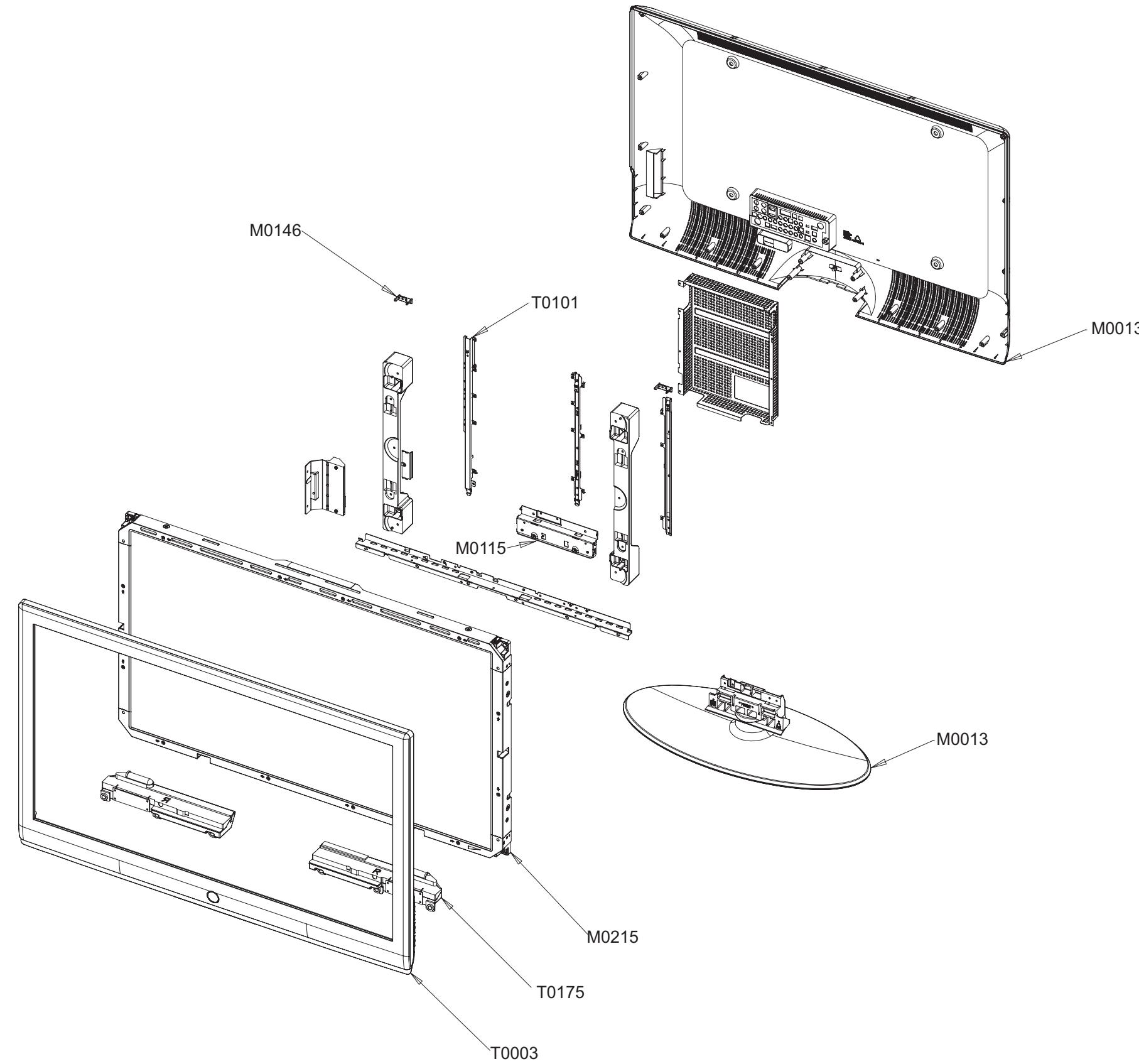
5-1 LNT4061F Exploded View



5-2 LNT4061F Parts List

Location.No	CODE-NO	SPECIFICATION & DESCRIPTION	Q'TY	REMARK
T0003	BN96-04643A	ASSY COVER P-FRONT;40M81,UO,PC+ABS,V0,BK	1	S.A
T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
M0215	BN07-00409A	LCD-PANEL;LTA400HT-L01,8bit,40inch,16.7M	1	S.A
T0101	BN61-02884A	BRACKET-WALL;TULIP,40,SECC,T1.6,-,-,BR	1	S.N.A
M0146	BN61-02887A	BRACKET-PANEL TOP;TULIP,40,SECC,T1.2,-,-	2	S.N.A
M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.N.A
T0447	BN96-05213A	ASSY BRACKET P-PANEL;40M81,UO,SO,LO	1	S.N.A
M0013	BN96-04640A	ASSY STAND P-BASE;37,40M81,-,ABS+PMMA,HB	1	S.A
M0013	BN96-04644A	ASSY COVER P-REAR;40M81,UO,PC+ABS,V0,BK2	1	S.A

5-3 LNT4661F Exploded View



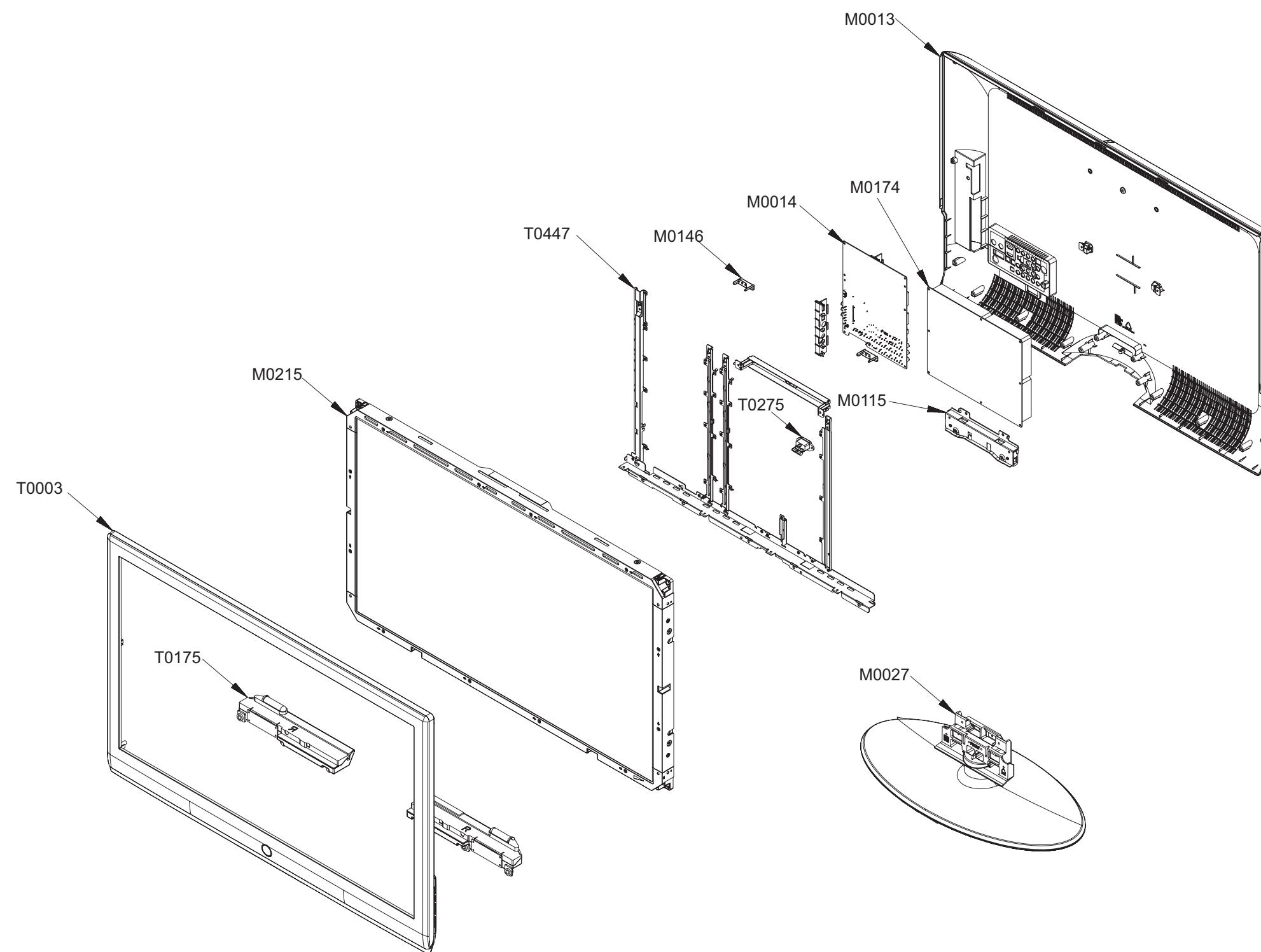
5-4 LNT4661F Parts List

Location.No	CODE-NO	SPECIFICATION & DESCRIPTION	Q'TY	REMARK
T0003	BN96-04649A	ASSY COVER P-FRONT;46M81,UO,PC+ABS,V0,BK	1	S.A
T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
M0215	BN07-00410A	LCD-PANEL;LTA460HT-L01,8bit,46inch,16.7M	1	S.A
T0447	BN96-05214A	ASSY BRACKET P-PANEL;46M81,UO,SO,LO	1	S.N.A
M0115	BN61-03013A	BRACKET-STAND LINK;TULIP46,SECC,T1.6	1	S.N.A
M0146	BN61-02887A	BRACKET-PANEL TOP;TULIP,40,SECC,T1.2,-,-	2	S.N.A
M0013	BN96-04648A	ASSY STAND P-BASE;46,52M81,-,ABS+PMMA,HB	1	S.A
M0013	BN96-04646A	ASSY COVER P-REAR;46M81,UO,PC+ABS,V0,BK2	1	S.A

5 Exploded View and Parts List

-You can search for updated part codes through ITSELF web site.
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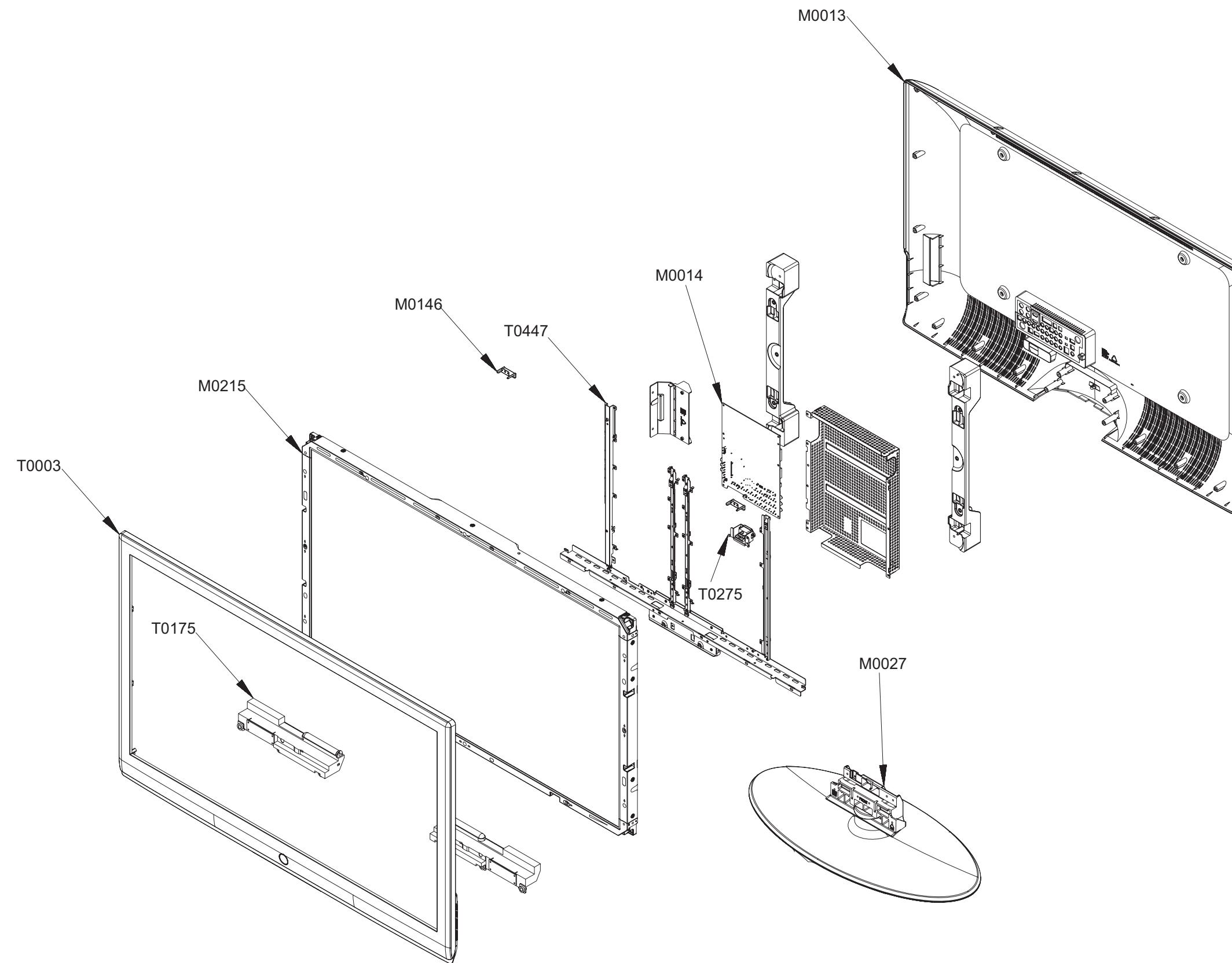
5-1 LNT4061F Exploded View



5-2 LNT4061F Parts List

Location.No	CODE-NO	SPECIFICATION & DESCRIPTION	Q'TY	REMARK
T0003	BN96-04643A	ASSY COVER P-FRONT;40M81,UO,PC+ABS,V0,BK	1	S.A
T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
M0215	BN07-00409A	LCD-PANEL;LTA400HT-L01,8bit,40inch,16.7M	1	S.A
T0101	BN61-02884A	BRACKET-WALL;TULIP,40,SECC,T1.6,-,-,BR	1	S.N.A
M0146	BN61-02887A	BRACKET-PANEL TOP;TULIP,40,SECC,T1.2,-,-	2	S.N.A
M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.N.A
T0447	BN96-05213A	ASSY BRACKET P-PANEL;40M81,UO,SO,LO	1	S.N.A
M0027	BN96-04640A	ASSY STAND P-BASE;37,40M81,-,ABS+PMMA,HB	1	S.A
M0013	BN96-04644A	ASSY COVER P-REAR;40M81,UO,PC+ABS,V0,BK2	1	S.A

5-3 LNT4661F Exploded View



5-4 LNT4661F Parts List

Location.No	CODE-NO	SPECIFICATION & DESCRIPTION	Q'TY	REMARK
T0003	BN96-04649A	ASSY COVER P-FRONT;46M81,UO,PC+ABS,V0,BK	1	S.A
T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
M0215	BN07-00395A	LCD-PANEL;V460H1-L01,8bit,46inch,16.7M,1	1	S.A
T0447	BN96-05214A	ASSY BRACKET P-PANEL;46M81,UO,SO,LO	1	S.N.A
M0115	BN61-03013A	BRACKET-STAND LINK;TULIP46,SECC,T1.6	1	S.N.A
M0146	BN61-02887A	BRACKET-PANEL TOP;TULIP,40,SECC,T1.2,-,-	2	S.N.A
M0027	BN96-04648A	ASSY STAND P-BASE;46,52M81,-,ABS+PMMA,HB	1	S.A
M0013	BN96-04646A	ASSY COVER P-REAR;46M81,UO,PC+ABS,V0,BK2	1	S.A

6 Electrical Parts List

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

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

6-1 LNT4061F Parts List

Level	Loc. No.	Code No.	Description & Specification	O'ty	SA/SNA
0		LNT4061FX/XAC	LN-T4061F,N35A/40M80-GTU,40,LCD-TV,CANAD	0	
0.1	M0001	BN90-01158A	ASSY COVER FRONT;40M81,UO,PC+ABS,V0,BK25	1	S.N.A
.2	T0003	BN96-04643A	ASSY COVER P-FRONT;40M81,UO,PC+ABS,V0,BK	1	S.A
...3	M0081	6003-001188	SCREW-TAPITI;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1.983	S.N.A
...3	M0112	BN63-03001A	COVER-FRONT;40M81,UO,PC+ABS,-,-,V0,-	1	S.N.A
...3		BN63-03035A	COVER-DECORATION-L;40M81,ABS,-,-,V0,-	1	S.N.A
...3		BN63-03036A	COVER-DECORATION-R;40M81,ABS,-,-,V0,-	1	S.N.A
...3	T0022	BN64-00550A	KNOB-CONTROL;40M81,ABS,-,-,HB,IV-16,-	1	S.N.A
...3	T0066	BN96-04642A	ASSY COVER P-DECORATION;40M81,UO,-,ABS,V	1	S.N.A
....4	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
....4	T0056	BN63-03005A	COVER-DECORATION;40M81,ABS,-,-,V0,-,IV	1	S.N.A
....4	T0056	BN63-03037A	COVER-DECORATION;40M81,ABS+PMMA,-,-,HB	1	S.N.A
....4	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
....4	T0023	BN64-00548A	KNOB POWER;TULIP40,PC VIOLET,V0	1	S.N.A
....4	T0054	BN64-00549A	KNOB-DECORATION;40M81,ABS,-,-,HB,IV-16	1	S.N.A
....4		BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.8	S.N.A
...3	M0145	BN96-04901A	ASSY BOARD P-FUNCTION;LNT3771FD,CT5000-4	1	S.A
...3	M0146	BN96-04884C	ASSY BOARD P-POWER & IR;LNT4042HX/XAA,CT	1	S.A
...3		BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	4	S.N.A
...3	T0069	AA60-00091L	SPACER-FELT,-,FELT,330X10,-,-,BLK,T1.0,-	2	S.N.A
.2	T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
0.1	M0002	BN90-01163A	ASSY COVER REAR;40M81,UO,PC+ABS,V0,BK25,	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	13	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.A
.2	M0013	BN96-04644A	ASSY COVER P-REAR;40M81,UO,PC+ABS,V0,BK2	1	S.A
...3	M0081	6003-001188	SCREW-TAPITI;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3		BN61-02950A	HOLDER-WALL;COMMON,ABS,V0,-,-,BK500,-	2	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	0.99	S.N.A
...3	M0006	BN63-03002A	COVER-REAR;40M81,UO,PC+ABS,-,-,V0,-BK	1	S.N.A
...3	T0071	BN64-00553C	INLAY-TERMINAL;07,COMMON,UO,PS SHEET,T0.	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
0.1	M0216	BN90-01168A	ASSY STAND;37,40M81,-,ABS+PMMA,HB,BK23,H	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
.2	M0013	BN96-04640A	ASSY STAND P-BASE;37,40M81,-,ABS+PMMA,HB	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPITI;FH,+,B,M4,L10,ZPC(WHT),S	8	S.A
...3		BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A
...3	T0920	BN61-02877A	GUIDE-STAND;TULIP,40,ABS,V0,-,-,-	1	S.N.A
...4		BN61-02981A	BRACKET-SUPPORT STAND;40 BORDEAUX PLUS,S	1	S.N.A
...4		BN61-03045A	BRACKET-SUPPORT STAND;40 BORDEAUX PLUS,S	1	S.N.A
...3		BN61-02883A	BRACKET-STAND BOTTOM;BORDEAUX PLUS,40,SE	1	S.N.A
...3		BN61-02885A	HOLDER-SWIVEL RING;MURANO40,ACETAL NATUR	1	S.N.A
...3		BN61-02886A	BRACKET-HINGE SWIVEL;BORDEAUX PLUS,40,SE	1	S.N.A
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	S.N.A
...3	T0004	BN63-03030A	COVER-STAND BASE;40R81,ABS+PMMA,-,-,HB	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
0.1	M0017	BN91-01392A	ASSY CHASSIS;LNT4061FX/*	1	S.N.A
.2	M0014	BN94-01199D	ASSY PCB MAIN-AMLCD;LNT4061FX/XAA	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-	0.25	S.N.A
...3	JAT01B	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A
...3	CN1101	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
...3	JA332	3722-001163	JACK-VHS;4P,AU,BLK,ANGLE	1	S.A
...3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002543	JACK-PIN;3P,Sn,RED/WHT/YEL,ANGLE	1	S.A
...3	CN704B	3722-002546	JACK-USB;4P/1C,AU,BLK,ANGLE,A type	1	S.N.A
...3	CIS3	BN40-00107A	TUNER;DNVS227IH262A,DNVS227IH262A,NTSC/V	1	S.A
...3	T0099	BN62-00003A	HEAT SINK;IC;NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A
...3	T0603	BN63-03195A	SHIELD-PCB MAIN;TULIP NT,SPTE,T0.5	1	S.N.A
...3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.N.A
...3	CCMM1	BN73-00152A	SILICON/RUBBER;LNT4661FX/XAA,FILLER,19x1	1	S.N.A
...3	T0174	BN97-01415D	ASSY SMD;LNT4061FX/XAA	1	S.N.A
...4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45\$,96.5Sn/	4.891	S.N.A
...4	D402	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D408	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D409	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D410	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D411	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D207	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D208	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D209L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D212L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D213	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D221	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D222	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D501	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D720B	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D721B	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D724	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D725	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D726	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D727	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D728	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D729	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D730	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D731	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D801	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D802	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D804	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D805	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D806	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D808	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D809	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D810	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D811	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D812	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D813	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D814	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D815	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D822	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D823	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D830	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D831	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D832	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D833	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D834	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D835	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D836	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D837	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D215	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D216	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D217	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D220	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D225	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D302	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D401	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D406	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D407	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D745	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D845	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D846	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D102	0402-001098	DIODE-RECTIFIER;SK34,40V,3A,SMC,TP	1	S.A
....4	D206	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D214	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D218	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D734	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D820	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D838	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D1201	0403-000746	DIODE-ZENER;RLZ3.9B,3.89-4.16V,500mW,LL-	1	S.A
....4	D719	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D722	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D803	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D824	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D601	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D602	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D603	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D623	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D626	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D627	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D628	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D647	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D656	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D657	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D658	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D659	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D660	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D661	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D662	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D663	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D701B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D712B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D723B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D746B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D747B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D807	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D816	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D817	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D818	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D819	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D821	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D825	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D301	0403-001282	DIODE-ZENER;BZT52-C15,13.8-15.6,410mW,SO	1	S.A
....4	D502	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D604	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D609	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D610	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D611	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D617	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D618	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D621	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D622	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D629	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D633	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D634	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D637	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D638	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D645	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D646	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D650	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D651	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D652	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D653	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D654	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D655	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D702B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D703B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D704B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D711B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D713B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D740B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D741B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D744B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D827	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D828	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D841	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D842	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D844	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D732	0406-001181	DIODE-TVS;NUP4201MR6.6/-V,500W,TSOP-6	1	S.A
....4	D201	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D202	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D203	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q301	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q401	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q405	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1305	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1306	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1306L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q207	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q209L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q210	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q502	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q208	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q402	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q404	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q406	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q101L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q102L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q501	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002393	IC-CMOS LOGIC;74VHC244,BUS BUFFER,TSSOP,	1	S.A
....4	IC104	0801-002633	IC-CMOS LOGIC;NC7WBD3125,2BIT BUS SWITCH	1	S.A
....4	IC104	0801-002780	IC-CMOS LOGIC;SN74LVC1G17,SCHMITT-TRIGGE	1	S.A
....4	IC301	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC208	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC602	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	1	S.A
....4	IC106	1001-001440	IC-VIDEO SWITCH;Si9185CTU,QFP,80P,3.3V,	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC603	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	T0087	1203-001488	IC-POSI.FIXED REG.;7805,TO-252,3P,-,PLAS	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC701	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A
....4	IC205	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC206	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC118	1204-002484	IC-VIDEO PROCESS;SVP-LX64-7164,BGA,564P,	1	S.N.A
....4	IC302	1204-002708	IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM	1	S.N.A
....4	IC118	1204-002729	IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17	1	S.A
....4	IC1301	1204-002747	IC-DECODER;S4LF111X01,BGA,416P,27x27mm,P	1	S.A
....4	IC1302	1205-003154	IC-CLOCK GENERATOR;6V10001PGG,TSSOP,24P,	1	S.A
....4	IC1801	1205-003164	IC-RECEIVER;Si9125CTU,TQFP,144P,20x20mm	1	S.A
....4	R1519	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1520	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1201	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1202	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1203	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1204	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R287	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R616	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R735	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R807	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R854	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R109	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2002	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2006	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2012	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2014	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2029L	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R218	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R219	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R274	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R289	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R290	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R504	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
....4	R506	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1004	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1618	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R1629	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2023	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2024	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R4011	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R514	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R515	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R519	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R9175	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R1821	2007-000120	R-CHIP;680ohm,5%,1/10W,TP,1608	1	S.A
....4	R279L	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R280L	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R281L	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4004	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R4005	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2007	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2028	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R405	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R407	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R285	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A
....4	R106	2007-000259	R-CHIP;1.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1398	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1399	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1812	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1823	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1824	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1825	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1826	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1827	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1828	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R1829	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R228	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R238	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R724	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R741	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R742	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R743	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R744	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R745	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R746	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R747	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R748	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R764	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R765	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R766	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R767	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R768	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R769	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R770	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R771	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R803	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R815	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R816	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R818	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R819	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R820	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R821	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R822	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R823	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R829	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R830	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R831	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R832	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R833	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R834	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R836	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R837	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R849	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R860	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R861	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R862	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R863	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R864	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R865	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R866	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R867	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R868	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R869	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R870	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R871	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R872	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R873	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R874	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R875	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R775	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A
....4	R1221	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1223	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1225	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1226	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R4079	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1835	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R1836	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R1837	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R1838	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R1839	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R1840	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R1841	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R1842	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	S.A
....4	R4059	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	S.A
....4	R204	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R423	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R118	2007-000701	R-CHIP;3.6Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1148	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	1	S.A
....4	R408	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R415	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R428	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R107	2007-000962	R-CHIP;5.1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R602	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R603	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R604	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R605	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R606	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R607	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R613	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R617	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R618	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R620	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R621	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R622	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R624	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R627	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R628	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R629	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R636	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R653	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R704B	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R711B	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1819	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1822	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1823	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1824	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1826	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1828	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1831	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1832	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1833	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1834	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1835	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1836	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1837	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C185	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1861	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1862	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1880	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1881	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1886	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1887	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1888	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1889	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1901	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1902	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C214	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C325	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C340	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C351	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C358	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C414	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C415	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C418	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C423	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C429	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C431	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C432	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C435	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C447	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C448	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C620	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C804	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C439	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C609	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C615	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C701B	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C706B	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C806	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C115	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1211	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1212	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1213	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1214	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1215	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1216	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1217	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1218	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1219	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1220	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1227	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1228	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1233	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1234	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C128	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1314	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C132	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C148	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C425	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C427	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C428	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C437	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C438	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C440	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C444	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C525	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A
....4	C1030	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C1034	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C1151	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C204	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C205	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1303	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C1305	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C160	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C174	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C357	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C610	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C611	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C613	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C614	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C616	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C623	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C624	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C626	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C627	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C702B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C703B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C707B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C715B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C716B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C811	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C812	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C825	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C826	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1310	2203-000838	C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608	1	S.A
....4	C805	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A
....4	C1315	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1316	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C337	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C339	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1204	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1205	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1209	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1210	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C526	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C331	2203-000972	C-CER,CHIP;47nf,10%,16V,X7R,1608	1	S.A
....4	C518	2203-000972	C-CER,CHIP;47nf,10%,16V,X7R,1608	1	S.A
....4	C218	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C1854	2203-001034	C-CER,CHIP;5.6nF,10%,50V,X7R,1608	1	S.A
....4	C1853	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.A
....4	C327	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C328	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C335	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C1309	2203-001554	C-CER,CHIP;1.8nF,10%,50V,X7R,1608	1	S.A
....4	C521	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1312	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C321	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C334	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C413	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C416	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C426	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C443	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

6 Electrical Parts List

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C209	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C419	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C420	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C421	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C441	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C408	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C412	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C430	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C442	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C450	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C451	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C452	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C453	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C520	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C523	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C158L	2203-005261	C-CER,CHIP;1000nF,10%,25V,X7R,3216	1	S.A
....4	C303	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C304	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C306	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C307	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C308	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C311	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C313	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C314	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C315	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C316	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C317	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C318	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C345	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C349	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1008	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1010	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1022	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1026	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1028	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1031	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1037	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1055	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1153L	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1221	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1224	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1235	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1236	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1237	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1238	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1239	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1240	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C130	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1320	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1402	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C142	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1607	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1751	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1753	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1754	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1755	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1801	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1808	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1809	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1825	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1838	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1839	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1867	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C201	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C223	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C310	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C312	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C320	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C326	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C329	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C336	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C338	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C341	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C350	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C401	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C433	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C434	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C621	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C625	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C629	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C710B	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C801	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C803	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C809	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C102	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1311	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C133	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1503	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1504	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1780	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1855	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1860	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1882	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1883	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C213	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C323	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C330	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C342	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C402	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C506	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C510	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C515	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C517	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C712	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C105	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C109	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C111	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C113	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C122	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C140	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C147	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C149	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C165	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C167	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1701	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1732	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C175	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C189	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C343	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C346	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C513	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1517	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C519	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C524	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C106	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A
....4	JA801	3701-001367	CONNECTOR-HDMI:19P,2R,FEMALE,SMD,AU	1	S.A
....4	JA803	3701-001367	CONNECTOR-HDMI:19P,2R,FEMALE,SMD,AU	1	S.A
....4	CN330	3711-006374	HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm,	1	S.A
....4	L102	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A
....4	L103	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A
....4	T0077	BN41-00843B	PCB MAIN;TULIP/SHAFFRON,FR-4,1.6,192*240	1	S.N.A
....4	M0018	BN97-01398A	ASSY MICOM;T-TULPAUS5-XXXX,N35A,2006.11.	1	S.N.A
....5	IC520	0903-001485	IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR,	1	S.A
....4	M0018	BN97-01398B	ASSY MICOM;T-TULPAUS0-1016,N35A,2007.3.6	1	S.N.A
....5	IC115	1107-001666	IC-FLASH MEMORY;KFG5616U1A,256Mbit,16Mx1	1	S.N.A
0.1		BN91-01403A	ASSY LCD-AMLCD;LNT4061FX/*	1	S.N.A
.2	M0215	BN07-00409A	LCD-PANEL;LTA400HT-L01,8bit,40inch,16.7M	1	S.A
0.1		BN91-01404B	ASSY SHIELD-SPH;LNT4061FX/*	1	S.N.A
.2	M0081	6003-000115	SCREW-TAPITTE;BH,+,B,M3,L6,ZPC(BLK),SWRC	7	S.A
.2	M0081	6003-000115	SCREW-TAPITTE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.N.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
.2	M0081	6003-001439	SCREW-TAPITTE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A
.2	M2893	BN39-00716B	LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2	1	S.A
.2	M2893	BN39-00802B	LEAD CONNECTOR;LE40R86BDX,UL1007#26,24PI	1	S.A
.2	M2893	BN39-00831A	LEAD CONNECTOR;LE40M73BD,UL3443 #28,5P,3	1	S.A
.2	M0174	BN44-00165A	IP BOARD;IP-231135A,40° TULIP,44mA,86mA,	1	S.A
.2		BN61-02875A	HOLDER-SIDE AV,07,COMMON,UO,PC+ABS,V0,-,	1	S.N.A
.2	M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.N.A
.2	T0101	BN61-02884A	BRACKET-WALL;TULIP,40,SECC,T1.6,-,-,BR	1	S.N.A
.2	M0146	BN61-02887A	BRACKET-PANEL TOP;TULIP,40,SECC,T1.2,-,	2	S.N.A
.2	M2893	BP39-00177B	LEAD CONNECTOR;RE40**,UL1007#26,5P,150mm	1	S.A
.2	M0114	BN61-01709A	HOLDER-WIRE;NYLON 6/6,NATURAL,DAWS-1ND	2	S.N.A
.2	M0114	BN61-01710A	HOLDER-WIRE;NYLON 6/6,NATURAL,DAWH-2NC	1	S.N.A
.2	T0275	BN96-04938A	ASSY MISC P-INLET;LNT4661FX/XAA,250/250M	1	S.N.A
.2	T0447	BN96-05213A	ASSY BRACKET P-PANEL;40M81,UO,SO,LO	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3		BN61-02876A	BRACKET-PANEL BOTTOM;TULIP,40,SECC,T1.2,-,	1	S.N.A
...3		BN61-02879A	BRACKET-GUIDE MAIN;TULIP,40,SECC,T1.2,-,	1	S.N.A
...3		BN61-02880A	BRACKET-GUIDE POWER R;TULIP,40,SECC,T1.2	2	S.N.A
...3		BN61-02881A	BRACKET-GUIDE POWER L;TULIP,40,SECC,T1.2	1	S.N.A
...3	T0514	BN61-02888A	BRACKET-SUPPORT;TULIP,40,SECC,T1.2,-,-	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
...3	M0131	BN63-03519A	GASKET;Tulip,Conductive Fabric,10,14,300	2	S.N.A
.2	M2893	BN39-00882A	LEAD CONNECTOR-LVDS;LNT4061F,UL1571#30,5	1	S.A
.2	M0131	BN63-03522A	GASKET;Tulip,Conductive Fabric,15,25,195	1	S.N.A
0.1	M0003	BN92-02337A	ASSY BOX;40M81,UO,EO,LO,-,-,-	1	S.N.A
.2	M0006	BN69-01705A	BOX-00,SET,OUT;40M8,CB,DY-01,AB,YELC3,W1	1.02	S.N.A
.2	M0521	BN69-01706A	BOX-SET,IN;40M8,CB,C1,DY-01,W1456,D760,9	1.02	S.N.A
0.1	M0113	BN92-02342A	ASSY P/MATERIAL;40M87,-,-,-	1	S.N.A
.2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	0.016	S.N.A
.2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.046	S.N.A
.2	T0524	6902-000524	BAG PE;HDPE/NITRON,T0.015/T0.5,W1200,L11	1	S.N.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
.2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A
.2	T0172	AA69-02609A	BAND-PP;W18,CLEA,1G	4.85	S.N.A
.2	CCM1	BN63-03540A	COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3	1.28	S.N.A
0.1	M0019	BN92-02416A	ASSY LABEL;LNT4061FX/*	1	S.N.A
0.1	M0045	BN92-02417D	ASSY ACCESSORY;LNT4061FX/XAC	1	S.N.A
.2	M0045	BN96-04838A	ASSY ACCESSORY;LNT4061FX/XAA	1	S.A
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	T0074	BN59-00599A	REMOCON;Bordeaux plus,TM87C,SAMSUNG28P+E	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0531	BN63-03031A	COVER-BOTTOM;37,40M81,HIPS,-,-,V0,-,BK	1	S.A
.2	M0045	BN96-04838E	ASSY ACCESSORY;LNT4661FX/XAC	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-00682C	CARD WARRANTY-05;PDP,W/P120(G),SECA,B5,B	1	S.N.A
...3	T0210	AA68-03242F	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	BN68-00832C	MANUAL FLYER-01,REGISTRATION C;SECA all,	1	S.N.A
...3	ACCESSORY	BN68-00832D	MANUAL FLYER-02,REGISTRATION C;SECA all,	1	S.N.A
...3	T0511	BN68-01178B	MANUAL USERS;COMM,SAMSUNG,ENG/FRE,N.Amer	1	S.N.A
...3	ACCESSORY	BN68-01179A	MANUAL FLYER-QSG;COMM,SAMSUNG,English,N.	1	S.N.A

6 Electrical Parts List

6-2 LNT4661F Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LNT4661FX/XAC	LN-T4661F,N35A/46M80-GTU,46,LCD-TV,CANAD	0	
.1	M0001	BN90-01159A	ASSY COVER FRONT;46M81,UO,PC+ABS,V0,BK25	1	S.N.A
.2	T0003	BN96-04649A	ASSY COVER P-FRONT;46M81,UO,PC+ABS,V0,BK	1	S.A
..3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	2.21	S.N.A
..3		BN63-03035A	COVER-DECORATION-L;40M81,ABS,-,-,V0,-	1	S.N.A
..3		BN63-03036A	COVER-DECORATION-R;40M81,ABS,-,-,V0,-	1	S.N.A
..3	M0112	BN63-03128A	COVER-FRONT;46M81,UO,PC+ABS,-,-,V0,-B	1	S.N.A
..3	T0022	BN64-00550A	KNOB-CONTROL;40M81,ABS,-,-,HB,IV-16,-	1	S.N.A
..3	T0066	BN96-04647A	ASSY COVER P-DECORATION;46M81,UO,-,ABS,V	1	S.N.A
..4	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
..4	T0056	BN63-03131A	COVER-DECORATION;46M81,ABS,-,-,V0,-IV	1	S.N.A
..4	T0056	BN63-03168A	COVER-DECORATION;46M81,ABS+PMMA,-,-,HB	1	S.N.A
..4	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
..4	T0023	BN64-00548A	KNOB POWER;TULIP40,PC VIOLET,V0	1	S.N.A
..4	T0054	BN64-00549A	KNOB-DECORATION;40M81,ABS,-,-,HB,IV-16	1	S.N.A
..4		BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.91	S.N.A
..3	M0145	BN96-04901A	ASSY BOARD P-FUNCTION;LNT3771FD,CT5000-4	1	S.A
..3	M0146	BN96-04884D	ASSY BOARD P-POWER & IR;LNT4642HX/XAA,CT	1	S.A
..3		BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	4	S.N.A
.2	T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
.1	M0002	BN90-01164A	ASSY COVER REAR;46M81,UO,PC+ABS,V0,BK25,	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	17	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.A
.2	M0013	BN96-04646A	ASSY COVER P-REAR;46M81,UO,PC+ABS,V0,BK2	1	S.A
..3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	1.1	S.N.A
..3	M0006	BN63-03129A	COVER-REAR;46M81,UO,PC+ABS,-,-,V0,-BK	1	S.N.A
..3	T0071	BN64-00553C	INLAY-TERMINAL;07,COMMON,UO,PS SHEET,T0.	1	S.N.A
..3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
.2	C/REAR+H/W	6011-001610	BOLT-ETC;M8,18,ZPC(BLK),SWRCH18A,WSP,PH	4	S.N.A
.1	M0216	BN90-01170A	ASSY STAND;46.52M81,-,ABS+PMMA,HB,BK23,H	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
.2	M0013	BN96-04648A	ASSY STAND P-BASE;46.52M81,-,ABS+PMMA,HB	1	S.A
..3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
..3	M0081	6003-001239	SCREW-TAPITTE;FH,+,B,M4,L10,ZPC(WHT),S	8	S.A
..3		BN61-02533A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A
..3		BN61-02534A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A
..3		BN61-02536A	BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0	1	S.N.A
..3	T0920	BN61-03005A	GUIDE-STAND;TULIP46,ABS V0,BLK	1	S.N.A
..4	T0514	BN61-02537A	BRACKET-SUPPORT;46M7,SECC,T2.0	2	S.N.A
..3		BN61-03006A	BRACKET-STAND BOTTOM;TULIP46,SECC,T3.0	1	S.N.A
..3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.45	S.N.A
..3	T0004	BN63-03137A	COVER-STAND BASE;TULIP46,ABS+PMMA,HB,BK2	1	S.N.A
..3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
.1	M0017	BN91-01392B	ASSY CHASSIS;LNT4661FX/*	1	S.N.A
.2	M0014	BN94-01199E	ASSY PCB MAIN-AMLCD;LNT4661FX/XAA	1	S.A
..3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-	0.25	S.N.A
..3	CN1101	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A
..3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A
..3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
..3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A
..3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A
..3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
..3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
..3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
..3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	S.A
..3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
..3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
..3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
..3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
..3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
..3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	S.A
..3	CIS3	BN40-00107A	TUNER;DNVS227IH262A,DNVS227IH262A,NTSC/V	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	T0099	BN62-00003A	HEAT SINK-IC,NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A
...3	T0603	BN63-03195A	SHIELD-PCB MAIN;TULIP NT,SPTE,T0.5	1	S.N.A
...3	CCMM1	BN73-00024D	SILICON/RUBBER:BORDEAUX,SILICON,28x28XT6	1	S.N.A
...3	CCMM1	BN73-00152A	SILICON/RUBBER;LNT4661FX/XAA,FILLER,19x1	1	S.N.A
...3	T0174	BN97-01415E	ASSY SMD;LNT4661FX/XAA	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LT309-M,-D20~45\$,96.5Sn/	4.891	S.N.A
....4	D402	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D408	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D409	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D410	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D411	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D207	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D208	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D209L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D212L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D213	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D221	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D222	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D501	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D724	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D725	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D726	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D727	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D728	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D729	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D730	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D731	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D801	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D802	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D804	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D805	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D806	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D808	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D809	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D810	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D811	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D812	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D813	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D814	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D815	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D822	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D823	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D830	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D831	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D832	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D833	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D834	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D835	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D836	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D837	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D215	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D216	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D217	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D220	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D225	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D302	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D401	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D406	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D407	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D745	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D845	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D846	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D102	0402-001098	DIODE-RECTIFIER;SK34,40V,3A,SMC,TP	1	S.A
....4	D206	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D214	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D218	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D734	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D820	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D838	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D1201	0403-000746	DIODE-ZENER;RLZ3.9B,3.89-4.16V,500mW,LL-	1	S.A
....4	D719	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D722	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D803	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D824	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D601	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D602	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D603	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D623	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D626	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D627	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D628	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D647	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D656	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D657	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D658	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D659	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D660	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D661	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D662	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D663	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D807	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D816	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D817	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D818	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D819	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D821	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D825	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D301	0403-001282	DIODE-ZENER;BZT52-C15,13.8-15.6,410mW,SO	1	S.A
....4	D502	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D604	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D609	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D610	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D611	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D617	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D618	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D621	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D622	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D629	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D633	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D634	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D637	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D638	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D645	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D646	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D650	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D651	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D652	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D653	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D654	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D655	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D827	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D828	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D841	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D842	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D844	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D732	0406-001181	DIODE-TVS;NUP4201MR6.6/-V,500mW,TSOP-6	1	S.A
....4	D201	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D202	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D203	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q301	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	S.A
....4	Q401	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	S.A
....4	Q405	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	S.A
....4	Q1201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1305	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1306	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q1306L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q207	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q209L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q210	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q502	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q208	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q402	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q404	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q406	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q101L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q102L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q501	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002393	IC-CMOS LOGIC;74VHC244,BUS BUFFER,TSSOP,	1	S.A
....4	IC104	0801-002633	IC-CMOS LOGIC;NC7WBD3125,2BIT BUS SWITCH	1	S.A
....4	IC104	0801-002780	IC-CMOS LOGIC;SN74LVC1G17,SCHMITT-TRIGGE	1	S.A
....4	IC301	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC208	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC602	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	1	S.A
....4	IC106	1001-001440	IC-VIDEO SWITCH;Si19185CTU,QFP,80P,3.3V,	1	S.A
....4	IC603	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320Bl-,128Mbit,4Mx32Bit,FB	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320Bl-,128Mbit,4Mx32Bit,FB	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	T0087	1203-001488	IC-POSI.FIXED REG.;7805,T0-252,3P,-,PLAS	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC701	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A
....4	IC205	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC206	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC118	1204-002484	IC-VIDEO PROCESSOR;SVP-LX64-7164,BGA,564P,	1	S.N.A
....4	IC302	1204-002708	IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM	1	S.N.A
....4	IC118	1204-002729	IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17	1	S.A
....4	IC1301	1204-002747	IC-DECODER;S4LF111X01,BGA,416P,27x27mm,P	1	S.A
....4	IC1302	1205-003154	IC-CLOCK GENERATOR;6V10001PGG,TSSOP,24P,	1	S.A
....4	R1519	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1520	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1201	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1202	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1303	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C1305	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C160	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C174	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C357	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C610	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C611	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C613	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C614	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C616	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C623	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C624	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C626	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C627	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C811	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C812	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C825	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C826	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1310	2203-000838	C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608	1	S.A
....4	C805	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A
....4	C1315	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1316	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C337	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C339	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1204	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1205	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1209	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1210	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C526	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C331	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C518	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C218	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C1854	2203-001034	C-CER,CHIP;5.6nF,10%,50V,X7R,1608	1	S.A
....4	C1853	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.A
....4	C327	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C328	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C335	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C1309	2203-001554	C-CER,CHIP;1.8nF,10%,50V,X7R,1608	1	S.A
....4	C521	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1312	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C321	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C334	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C413	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C416	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C426	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C443	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1041	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1043	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1045	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1048	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1050	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1051	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1052	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1053	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1059	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1060	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1061	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1062	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1063	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1064	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1774	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1775	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1776	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1777	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1778	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C179	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1820	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C190	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C194	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C202	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C203	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C210	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C222	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C230L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C301	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C324	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C502	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C503	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C504	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C507	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C511	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C516	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C528	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C529	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C530	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C622	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C628	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C630	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C631	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C632	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C633	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C708	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C713	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C802	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C810	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C409	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C436	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1319	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1321	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1846L	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C209	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C419	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C420	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C421	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C441	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C408	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C412	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C430	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C442	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C450	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C451	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C452	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C453	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C520	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C523	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C158L	2203-005261	C-CER,CHIP;1000nF,10%,25V,X7R,3216	1	S.A
....4	C303	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C304	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C306	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C307	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C308	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C311	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C313	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C314	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C315	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C316	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1504	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1780	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1855	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1860	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1882	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1883	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C213	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C323	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C330	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C342	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C402	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C506	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C510	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C515	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C517	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C712	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C105	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C109	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C111	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C113	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C122	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C140	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C147	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C149	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C165	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C167	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1701	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1732	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C175	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C189	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C343	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C346	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C513	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1517	2402-001147	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C519	2402-001147	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C524	2402-001147	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C106	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1324	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1779	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1810	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1890	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C302	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C332	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C505	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C512	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C527	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C156L	2402-001218	C-AL,SMD;22uF,20%,35V,WT,TP,6.6X6.6X5.8M	1	S.A
....4	C319	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C347	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C1148L	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C118	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C135	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C161L	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C181	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C188	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C406	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C422	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C168	2409-001029	C-ORGANIC,SMD;120uF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C151	2409-001051	C-ORGANIC;82uF,20%,6.3V,WT,TP,6.3*5.9MM,	1	S.A
....4	C154	2409-001065	C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,-	1	S.A
....4	C171	2409-001065	C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,-	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
.2	M0174	BN44-00166A	IP BOARD;IP-301135A,46" TULIP,30mA,75mA,	1	S.A
.2	M0146	BN61-02887A	BRACKET-PANEL TOP;TULIP,40,SECC,T1.2,-,-	2	S.N.A
.2		BN61-03007A	HOLDER-WALL;TULIP46,ABS VO	2	S.N.A
...3	INSERT	BN61-02932A	BRACKET-STOPPER NUT;SUM24L	2	S.N.A
.2	M2893	BP39-00177B	LEAD CONNECTOR;RE40**,UL1007#26,5P,150mm	1	S.A
.2	M0114	BN61-02500A	HOLDER-WIRE,NYLON6.6,NATURAL	3	S.N.A
.2	T0275	BN96-04938A	ASSY MISC P-INLET;LNT4661FX/XAA,250/250M	1	S.N.A
.2	M0020	BN96-05039C	ASSY BOARD P-SIDE HDMI A/V;LNT4661FX/XAA	1	S.N.A
...3		BN61-03008A	HOLDER-SIDE AV;46M81,PC+ABS,V0,-,-,BK2	1	S.N.A
...3	M0020	BN96-04922B	ASSY BOARD P-SIDE A/V;SPD-63P71FHD,CT500	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
.2	T0447	BN96-05214A	ASSY BRACKET P-PANEL;46M81,UO,SO,LO	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A
...3	M0081	6003-001188	SCREW-TAPITITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	MP1.4	BN61-03009A	BRACKET-BOTTOM;TULIP46,SECC,T1.2,BRACKET	1	S.N.A
...3	T0081	BN61-03010A	BRACKET-MAIN;TULIP46,SECC,T1.2,BRACKETLE	1	S.N.A
...3		BN61-03011A	BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,RI	2	S.N.A
...3		BN61-03012A	BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,LE	1	S.N.A
...3	M0115	BN61-03013A	BRACKET-STAND LINK;TULIP46,SECC,T1.6	1	S.N.A
...3	M0131	BN63-03480A	GASKET;LNT4642HX/XAA,Polyurethane Foam,1	1	S.N.A
...3	M0131	BN63-03481A	GASKET;LNT4642HX/XAA,Polyurethane Foam,1	1	S.N.A
...3	M0131	BN63-03520A	GASKET;Tulip,Conductive Fabric,10,18,300	2	S.N.A
.2	M2893	BN39-00883A	LEAD CONNECTOR-LVDS;LNT4661F,UL1571#30,5	1	S.A
.2	M0131	BN63-03008A	GASKET;LN46M71BD,Conductive Fabric,18mm,	1	S.N.A
.2	M0131	BN63-03522A	GASKET;Tulip,Conductive Fabric,15,25,195	1	S.N.A
.2	M0596	BN96-05164A	ASSY MISC P-FLAT CABLE;HPT5064X/XAA,450M	1	S.A
.2		BN96-05313A	ASSY SHIELD P-SMPs;JASMINE 46,SECC,T0.3	1	S.N.A
...3	M0114	AA61-20129A	HOLDER-WIRE;-,NYLON-66,-,-,NTR,DAFC-25	1	S.N.A
...3		BN63-03146A	SHIELD-SMPs;TULIP46,SECC,T0.5	1	S.N.A
0.1	M0003	BN92-02338A	ASSY BOX;46M81,UO,EO,LO,-,-	1	S.N.A
.2	M0006	BN69-01717A	BOX-00,SET,OUT;46M8,CB,DY-01,AB,YEL,C3,W	1.02	S.N.A
.2	M0521	BN69-01718A	BOX-SET,IN;46M8,CB,C1,DY-01,W1601,D805,1	1.02	S.N.A
0.1	M0113	BN92-02343A	ASSY P/MATERIAL;46M87,-,-,-	1	S.N.A
.2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	0.022	S.N.A
.2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.064	S.N.A
.2	T0524	6902-000684	BAG PE;HDPE/NITRON,T0.015/T0.5,W1400,L14	1	S.N.A
.2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A
.2	T0172	AA69-02609A	BAND-PP;W18,CLEA,1G	5.35	S.N.A
.2	CCM1	BN63-03540A	COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3	1.41	S.N.A
0.1	M0019	BN92-02416B	ASSY LABEL;LNT4661FX/XAA	1	S.N.A
0.1	M0045	BN92-02417E	ASSY ACCESSORY;LNT4661FX/XAC	1	S.N.A
.2	M0045	BN96-04838C	ASSY ACCESSORY;LNT4661FX/XAA	1	S.A
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	T0074	BN59-00599A	REMOCON;Bordeaux plus,TM87C,SAMSUNG28P+E	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0531	BN63-03148A	COVER-BOTTOM;46.52M81,HIPS,-,-,V0,-,BK	1	S.A
.2	M0045	BN96-04838E	ASSY ACCESSORY;LNT4661FX/XAC	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-00682C	CARD WARRANTY-05;PDP,W/P120(G),SECA,B5,B	1	S.N.A
...3	ACCESSORY	AA68-03242F	MANUAL FLYER-02;SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	BN68-00832C	MANUAL FLYER-01,REGISTRATION C;SECA all,	1	S.N.A
...3	ACCESSORY	BN68-00832D	MANUAL FLYER-02,REGISTRATION C;SECA all,	1	S.N.A
...3	T0511	BN68-01178B	MANUAL USERS;COMM,SAMSUNG,ENG/FRE,N.Amer	1	S.N.A
...3	ACCESSORY	BN68-01179A	MANUAL FLYER-QSG;COMM,SAMSUNG,English,N.	1	S.N.A

6 Electrical Parts List

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

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

6-1 LNT4061F Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
		LNT4061FX/XAA	LN-T4061F,N35A/40M80-GTU,40,LCD-TV,UNITE		
0.1	M0001	BN90-01158A	ASSY COVER FRONT;40M81,UO,PC+ABS,V0,BK25	1	S.N.A
.2	T0003	BN96-04643A	ASSY COVER P-FRONT;40M81,UO,PC+ABS,V0,BK	1	S.A
...3	M0081	6003-001188	SCREW-TAPITI;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1.983	S.N.A
...3	M0112	BN63-03001A	COVER-FRONT;40M81,UO,PC+ABS,,-,-,V0,-,B	1	S.N.A
...3	T0022	BN64-00550A	KNOB-CONTROL;40M81,ABS,,-,-,HB,IV-16,-	1	S.N.A
...3	M0145	BN96-04901A	ASSY BOARD P-FUNCTION;LNT3771FD,CT5000-4	1	S.A
...3	M0146	BN96-04884C	ASSY BOARD P-POWER & IR;LNT4042HX/XAA,CT	1	S.A
...3		BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	4	S.N.A
...3		BN63-03035D	COVER-DECORATION-L;40M81,ABS,V0,IV-16,AL	1	S.A
...3		BN63-03036D	COVER-DECORATION-R;40M81,ABS,V0,IV-16,AL	1	S.A
...3	T0066	BN96-04642E	ASSY COVER P-DECORATION;40M81,ABS,HBT,NTR	1	S.N.A
...4	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...4		BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.8	S.N.A
...4	T0056	BN63-03037A	COVER-DECORATION;40M81,ABS+PMMA,,-,HB	1	S.N.A
...4	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...4	T0023	BN64-00548A	KNOB POWER;TULIP40,PC VIOLET,V0	1	S.N.A
...4	T0054	BN64-00549A	KNOB-DECORATION;40M81,ABS,,-,-,HB,IV-16	1	S.N.A
...4	T0056	BN63-03005D	COVER-DECORATION;40M81,ABS,HB,NTR,3+CR,P	1	S.A
...3	T0069	AA60-00171E	SPACER-FELT;43L2,FELT,300,T0.5,5	2	S.N.A
.2	T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
0.1	M0002	BN90-01163A	ASSY COVER REAR;40M81,UO,PC+ABS,V0,BK25,	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	13	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.A
.2	M0013	BN96-04644A	ASSY COVER P-REAR;40M81,UO,PC+ABS,V0,BK2	1	S.A
...3	M0081	6003-001188	SCREW-TAPITI;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3		BN61-02950A	HOLDER-WALL;COMMON,ABS,V0,,-,-,BK500,-	2	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	0.99	S.N.A
...3	M0006	BN63-03002A	COVER-REAR;40M81,UO,PC+ABS,,-,-,V0,-,BK	1	S.N.A
...3	T0071	BN64-00553C	INLAY-TERMINAL;07,COMMON,UO,PS SHEET,T0.	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
0.1	M0216	BN90-01168A	ASSY STAND;37,40M81,-,ABS+PMMA,HB,BK23,H	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
.2	M0027	BN96-04640A	ASSY STAND P-BASE;37,40M81,-,ABS+PMMA,HB	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPITI;FH,+,B,M4,L10,ZPC(WHT),S	8	S.A
...3		BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A
...3	T0920	BN61-02877A	GUIDE-STAND;TULIP,40,ABS,V0,,-,-,-	1	S.N.A
...4		BN61-02981A	BRACKET-SUPPORT STAND;40 BORDEAUX PLUS,S	1	S.N.A
...4		BN61-03045A	BRACKET-SUPPORT STAND;40 BORDEAUX PLUS,S	1	S.N.A
...3		BN61-02883A	BRACKET-STAND BOTTOM;BORDEAUX PLUS,40,SE	1	S.N.A
...3		BN61-02885A	HOLDER-SWIVEL RING;MURANO40,ACETAL NATUR	1	S.N.A
...3		BN61-02886A	BRACKET-HINGE SWIVEL;BORDEAUX PLUS,40,SE	1	S.N.A
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	S.N.A
...3	T0004	BN63-03030A	COVER-STAND BASE;40R81,ABS+PMMA,,-,-,HB	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
0.1	M0017	BN91-01392A	ASSY CHASSIS;LNT4061FX/*	1	S.N.A
.2	M0014	BN94-01199G	ASSY PCB MAIN-AMLCD;LNT4061FX/*	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-	0.25	S.N.A
...3	JAT01B	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A
...3	CN1101	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
...3	JA332	3722-001163	JACK-VHS;4P,AU,BLK,ANGLE	1	S.A
...3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002543	JACK-PIN;3P,Sn,RED/WHT/YEL,ANGLE	1	S.A
...3	CN704B	3722-002546	JACK-USB;4P/1C,AU,BLK,ANGLE,A type	1	S.N.A
...3	CIS3	BN40-00107A	TUNER;DNVS227IH262A,DNVS227IH262A,NTSC/V	1	S.A
...3	T0099	BN62-00003A	HEAT SINK;IC;NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A
...3	T0603	BN63-03195A	SHIELD-PCB MAIN;TULIP NT,SPTE,T0.5	1	S.N.A
...3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.N.A
...3	CCMM1	BN73-00152A	SILICON/RUBBER;LNT4661FX/XAA,FILLER,19x1	1	S.N.A
...3	T0174	BN97-01415G	ASSY SMD;LNT4061FX/*	1	S.N.A
...4	SUB05	0202-001477	SOLDER-CREAM;LT309-M,-D20-45\$,96.5Sn/	4.891	S.N.A
...4	D402	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D408	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D409	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D410	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D411	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
...4	D207	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D208	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D209L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D212L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D213	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D221	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D222	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D501	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D720B	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D721B	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D724	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D725	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D726	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D727	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D728	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D729	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D730	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D731	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D801	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D802	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D804	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D805	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D806	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D808	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D809	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D810	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D811	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D812	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D813	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D814	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D815	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D822	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D823	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D830	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D831	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D832	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D833	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
...4	D834	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D835	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D836	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D837	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D215	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D216	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D217	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D220	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D225	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D302	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D401	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D406	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D407	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D745	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D845	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D846	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D102	0402-001098	DIODE-RECTIFIER;SK34,40V,3A,SMC,TP	1	S.A
....4	D206	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D214	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D218	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D734	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D820	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D838	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D1201	0403-000746	DIODE-ZENER;RLZ3.9B,3.89-4.16V,500mW,LL-	1	S.A
....4	D719	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D722	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D803	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D824	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D601	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D602	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D603	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D623	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D626	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D627	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D628	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D647	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D656	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D657	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D658	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D659	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D660	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D661	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D662	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D663	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D701B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D712B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D723B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D746B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D747B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D807	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D816	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D817	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D818	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D819	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D821	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D825	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D301	0403-001282	DIODE-ZENER;BZT52-C15,13.8-15.6,410mW,SO	1	S.A
....4	D502	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D604	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D609	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D610	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D611	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D617	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D618	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D621	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D622	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D629	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D633	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D634	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D637	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D638	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D645	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D646	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D650	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D651	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D652	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D653	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D654	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D655	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D702B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D703B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D704B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D711B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D713B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D740B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D741B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D744B	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D827	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D828	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D841	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D842	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D844	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D732	0406-001181	DIODE-TVS;NUP4201MR6.6/-V,500W,TSOP-6	1	S.A
....4	D201	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D202	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D203	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q301	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q401	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q405	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1305	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1306	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1306L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q1401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q207	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q209L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q210	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q502	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q208	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q402	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q404	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q406	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q101L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q102L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q501	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002393	IC-CMOS LOGIC;74VHC244,BUS BUFFER,TSSOP,	1	S.A
....4	IC104	0801-002633	IC-CMOS LOGIC;NC7WBD3125,2BIT BUS SWITCH	1	S.A
....4	IC104	0801-002780	IC-CMOS LOGIC;SN74LVC1G17,SCHMITT-TRIGGE	1	S.A
....4	IC301	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC208	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC602	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	1	S.A
....4	IC106	1001-001440	IC-VIDEO SWITCH;Si9185CTU,QFP,80P,3.3V,	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	IC603	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	T0087	1203-001488	IC-POSI.FIXED REG.;7805,TO-252,3P,-,PLAS	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC701	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A
....4	IC205	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC206	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC118	1204-002484	IC-VIDEO PROCESS;SVP-LX64-7164,BGA,564P,	1	S.N.A
....4	IC302	1204-002708	IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM	1	S.A
....4	IC118	1204-002729	IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17	1	S.A
....4	IC1301	1204-002747	IC-DECODER;S4LF111X01,BGA,416P,27x27mm,P	1	S.A
....4	IC1302	1205-003154	IC-CLOCK GENERATOR;6V10001PGG,TSSOP,24P,	1	S.A
....4	IC1801	1205-003256	IC-RECEIVER;SiI9125CTU(Rev.0.3),TQFP,144P	1	S.A
....4	R1519	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1520	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1201	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1202	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1203	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1204	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R287	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R616	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R735	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R807	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R854	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R109	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2002	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2006	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2012	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2014	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2029L	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R218	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R219	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R274	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R289	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R290	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R504	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
....4	R506	2007-000060	R-CHIP;100Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1001	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1002	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1003	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1004	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R849	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R860	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R861	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R862	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R863	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R864	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R865	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R866	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R867	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R868	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R869	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R870	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R871	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R872	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R873	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R874	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R875	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R775	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A
....4	R1221	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1223	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1225	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1226	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R4079	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1835	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1836	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1837	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1838	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1839	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1840	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1841	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1842	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R4059	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	S.A
....4	R204	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R422	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R423	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R118	2007-000701	R-CHIP;3.6Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1148	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	1	S.A
....4	R408	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R415	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R428	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R107	2007-000962	R-CHIP;5.1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R602	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R603	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R604	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R605	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R606	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R607	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R613	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R617	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R618	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R620	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R621	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R622	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R624	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R627	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R628	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R629	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R636	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R653	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R704B	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R711B	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1819	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1822	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1823	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1824	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1826	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1828	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1831	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1832	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1833	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1834	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1835	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1836	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1837	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C185	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1861	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1862	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1880	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1881	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1886	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1887	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1888	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1889	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1901	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C1902	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C214	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C325	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C340	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C351	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C358	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C414	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C415	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C418	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C423	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C429	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C431	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C432	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C435	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C447	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C448	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C620	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C804	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C439	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C609	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C615	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C701B	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C706B	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C806	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C115	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1211	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1212	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1213	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1214	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1215	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1216	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1217	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1218	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1219	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1220	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1227	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1228	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1233	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1234	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C128	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1314	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C132	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C148	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C425	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C427	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C428	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C437	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C438	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C440	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C444	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C525	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A
....4	C1030	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C1034	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C1151	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C204	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C205	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1303	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C1305	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C160	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C174	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C357	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C610	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C611	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C613	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C614	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C616	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C623	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C624	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C626	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C627	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C702B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C703B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C707B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C715B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C716B	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C811	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C812	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C825	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C826	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1310	2203-000838	C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608	1	S.A
....4	C805	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A
....4	C1315	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1316	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C337	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C339	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1204	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1205	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1209	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1210	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C526	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C331	2203-000972	C-CER,CHIP;47nf,10%,16V,X7R,1608	1	S.A
....4	C518	2203-000972	C-CER,CHIP;47nf,10%,16V,X7R,1608	1	S.A
....4	C218	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C1854	2203-001034	C-CER,CHIP;5.6nF,10%,50V,X7R,1608	1	S.A
....4	C1853	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.A
....4	C327	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C328	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C335	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C1309	2203-001554	C-CER,CHIP;1.8nF,10%,50V,X7R,1608	1	S.A
....4	C521	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1312	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C321	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C334	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C413	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C416	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C426	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C443	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

6 Electrical Parts List

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C209	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C419	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C420	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C421	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C441	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C408	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C412	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C430	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C442	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C450	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C451	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C452	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C453	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C520	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C523	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C158L	2203-005261	C-CER,CHIP;1000nF,10%,25V,X7R,3216	1	S.A
....4	C303	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C304	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C306	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C307	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C308	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C311	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C313	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C314	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C315	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C316	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C317	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C318	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C345	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C349	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1001	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1008	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1010	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1012	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1014	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1022	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1024	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1026	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1028	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1031	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1035	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1037	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1055	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1057	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1153L	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1221	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1224	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1235	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1236	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1237	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1238	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1239	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1240	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C130	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1320	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1402	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C142	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1607	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1751	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1753	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1754	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1755	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1801	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1808	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1809	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1825	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1838	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1839	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1867	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C201	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C223	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C310	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C312	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C320	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C326	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C329	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C336	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C338	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C341	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C350	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C401	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C433	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C434	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C621	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C625	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C629	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C710B	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C801	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C803	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C809	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C102	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1311	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C133	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1503	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1504	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1780	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1855	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1860	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1882	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1883	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C213	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C323	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C330	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C342	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C402	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C506	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C510	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C515	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C517	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C712	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C105	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C109	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C111	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C113	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C122	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C140	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C147	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C149	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C165	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C167	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1701	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1732	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C175	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C189	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C343	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C346	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C513	2402-001128	C-AL,SMD;100%IF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1517	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C519	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C524	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C106	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	JA801	3701-001367	CONNECTOR-HDMI:19P,2R,FEMALE,SMD,AU	1	S.A
....4	JA803	3701-001367	CONNECTOR-HDMI:19P,2R,FEMALE,SMD,AU	1	S.A
....4	CN330	3711-006374	HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm,	1	S.A
....4	L102	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A
....4	L103	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A
....4	T0077	BN41-00843B	PCB MAIN;TULIP/SHAFFRON,FR-4,1.6,192*240	1	S.N.A
....4	M0018	BN97-01398A	ASSY MICOM;T-TULPAUS5-1008,N35A,2007.4.1	1	S.N.A
....5	IC520	0903-001485	IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR,	1	S.N.A
....4	M0018	BN97-01398B	ASSY MICOM;T-TULPAUS0-1028,N35A,2007.5.1	1	S.N.A
....5	IC115	1107-001666	IC-FLASH MEMORY;KFG5616U1A,256Mbit,16Mx1	1	S.N.A
0.1		BN91-01403A	ASSY LCD-AMLCD;LNT4061FX/*	1	S.N.A
.2	M0215	BN07-00409A	LCD-PANEL;LTA400HT-L01,8bit,40inch,16.7M	1	S.A
0.1		BN91-01404B	ASSY SHIELD-SPH;LNT4061FX/*	1	S.N.A
.2	M0081	6003-000115	SCREW-TAPITTE;BH,+,B,M3,L6,ZPC(BLK),SWRC	7	S.A
.2	M0081	6003-000115	SCREW-TAPITTE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
.2	M0081	6003-000115	SCREW-TAPITTE;BH,+,B,M3,L6,ZPC(BLK),SWRC	5	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A
.2	M0081	6003-000337	SCREW-TAPITTE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.N.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
.2	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
.2	M0081	6003-001439	SCREW-TAPITTE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A
.2	M2893	BN39-00716B	LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2	1	S.A
.2	M2893	BN39-00802B	LEAD CONNECTOR;LE40R86BDX,UL1007#26,24PI	1	S.A
.2	M2893	BN39-00831A	LEAD CONNECTOR;LE40M73BD,UL3443 #28,5,P,3	1	S.A
.2	M0174	BN44-00165A	IP BOARD;IP-231135A,40° TULIP,44mA,86mA,	1	S.A
.2		BN61-02875A	HOLDER-SIDE AV,07,COMMON,UO,PC+ABS,V0,-,	1	S.N.A
.2	M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.A
.2	T0101	BN61-02884A	BRACKET-WALL;TULIP,40,SECC,T1.6,-,-,BR	1	S.N.A
.2	M0146	BN61-02887A	BRACKET-PANEL TOP;TULIP,40,SECC,T1.2,-,	2	S.N.A
.2	M2893	BP39-00177B	LEAD CONNECTOR;RE40**,UL1007#26,5,150mm	1	S.A
.2	M0114	BN61-01709A	HOLDER-WIRE;NYLON 6/6,NATURAL,DAWS-1ND	2	S.N.A
.2	M0114	BN61-01710A	HOLDER-WIRE;NYLON 6/6,NATURAL,DAWH-2NC	1	S.N.A
.2	T0275	BN96-04938A	ASSY MISC P-INLET;LNT4661FX/XAA,250/250M	1	S.N.A
.2	T0447	BN96-05213A	ASSY BRACKET P-PANEL;40M81,UO,SO,LO	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3		BN61-02876A	BRACKET-PANEL BOTTOM;TULIP,40,SECC,T1.2,-,	1	S.N.A
...3		BN61-02879A	BRACKET-GUIDE MAIN;TULIP,40,SECC,T1.2,-,	1	S.N.A
...3		BN61-02880A	BRACKET-GUIDE POWER R;TULIP,40,SECC,T1.2	2	S.N.A
...3		BN61-02881A	BRACKET-GUIDE POWER L;TULIP,40,SECC,T1.2	1	S.N.A
...3	T0514	BN61-02888A	BRACKET-SUPPORT;TULIP,40,SECC,T1.2,-,-,	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
...3	M0131	BN63-03519A	GASKET;Tulip,Conductive Fabric,10,14,300	2	S.N.A
.2	M2893	BN39-00882A	LEAD CONNECTOR-LVDS;LNT4061F,UL1571#30,5	1	S.A
.2	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
.2	T0175	BN96-05911A	ASSY SHIELD P-PCB MAIN;TULIP,40UO,SECC,T	1	S.N.A
...3	T0603	BN63-03679A	SHIELD-PCB MAIN;40 TULIP,SECC,T0.5,FHD	1	S.N.A
...3	M0131	BN63-03811A	GASKET;Tulip,Conductive Fabric,10,10,190	1	S.N.A
...3	M0131	BN63-03812A	GASKET;Tulip,Conductive Fabric,10,10,180	1	S.N.A
0.1	M0113	BN92-02342A	ASSY P/MATERIAL;40M87,-,-,-	1	S.N.A
.2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	0.016	S.N.A
.2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.046	S.N.A
.2	T0524	6902-000524	BAG PE;HDPE/NITRON,T0.015/T0.5,W1200,L11	1	S.N.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
.2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A
.2	T0172	AA69-02609A	BAND-PP;-,PP,-,W18,-,CLEA,1G,-,-	4.85	S.N.A
.2	CCM1	BN63-03540A	COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3	1.28	S.N.A
0.1	M0045	BN92-02417A	ASSY ACCESSORY;LNT4061FX/XAA	1	S.N.A
.2	M0045	BN96-04838A	ASSY ACCESSORY;LNT4061FX/XAA	1	S.A
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	T0074	BN59-00599A	REMOCON:Bordeaux plus,TM87C,SAMSUNG28P+E	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0531	BN63-03031A	COVER-BOTTOM;37,40M81,HIPS,-,-,-,V0,-,BK	1	S.A
.2	M0045	BN96-04838B	ASSY ACCESSORY;LNT4061FX/XAA	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-00371C	MARK RECYCLE-CARD WARRANTY,.06;,SEA,W/P10	1	S.N.A
...3	M0156	BN68-01178A	MANUAL USERS-01;COMM,SAMSUNG,ENG/SPA,N.	1	S.N.A
...3	ACCESSORY	BN68-01179A	MANUAL FLYER-QSG;COMM,SAMSUNG,English,N.	1	S.N.A
...3	T0238	AA68-03870C	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0238	AA68-03870D	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0511	AA68-03242L	MANUAL FLYER-SAFETY GUIDE;comm,Samsung,E	1	S.N.A
0.1	M0019	BN92-02416C	ASSY LABEL;LNT4061FX/XAA	1	S.N.A
0.1	M0003	BN92-02337M	ASSY BOX;40M81,UO(LABEL)	1	S.N.A
.2	M0006	BN69-01705A	BOX-00,SET,OUT;40M8,CB,DY-01,AB,YELC3,W1	1.02	S.N.A
.2	M0521	BN69-01706A	BOX-SET,IN;40M8,CB,C1,DY-01,W1456,D760,9	1.02	S.N.A

6 Electrical Parts List

6-2 LNT4661F Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
		LNT4661FX/XAC	LN-T4661F,N35A/46M80-GTU,46,LCD-TV,CANAD		
.1	M0001	BN90-01159A	ASSY COVER FRONT;46M81,UO,PC+ABS,V0,BK25	1	S.N.A
.2	T0003	BN96-04649A	ASSY COVER P-FRONT;46M81,UO,PC+ABS,V0,BK	1	S.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	2.21	S.N.A
...3		BN63-03035A	COVER-DECORATION-L;40M81,ABS,-,-,V0,-	1	S.N.A
...3		BN63-03036A	COVER-DECORATION-R;40M81,ABS,-,-,V0,-	1	S.N.A
...3	M0112	BN63-03128A	COVER-FRONT;46M81,UO,PC+ABS,-,-,V0,-B	1	S.N.A
...3	T0022	BN64-00550A	KNOB-CONTROL;40M81,ABS,-,-,HB,IV-16,-	1	S.N.A
...3	T0066	BN96-04647A	ASSY COVER P-DECORATION;46M81,UO,-,ABS,V	1	S.N.A
...4	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...4	T0056	BN63-03131A	COVER-DECORATION;46M81,ABS,-,-,V0,-IV	1	S.N.A
...4	T0056	BN63-03168A	COVER-DECORATION;46M81,ABS+PMMA,-,-,HB	1	S.N.A
...4	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...4	T0023	BN64-00548A	KNOB POWER;TULIP40,PC VIOLET,V0	1	S.N.A
...4	T0054	BN64-00549A	KNOB-DECORATION;40M81,ABS,-,-,HB,IV-16	1	S.N.A
...4		BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.91	S.N.A
...3	M0145	BN96-04901A	ASSY BOARD P-FUNCTION;LNT3771FD,CT5000-4	1	S.A
...3	M0146	BN96-04884D	ASSY BOARD P-POWER & IR;LNT4642HX/XAA,CT	1	S.A
...3		BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	4	S.N.A
.2	T0175	BN96-04771A	ASSY SPEAKER P;8ohm,4pin,Enclosure Type,	1	S.A
.1	M0002	BN90-01164A	ASSY COVER REAR;46M81,UO,PC+ABS,V0,BK25,	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	17	S.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	1	S.A
.2	M0013	BN96-04646A	ASSY COVER P-REAR;46M81,UO,PC+ABS,V0,BK2	1	S.A
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	1.1	S.N.A
...3	M0006	BN63-03129A	COVER-REAR;46M81,UO,PC+ABS,-,-,V0,-BK	1	S.N.A
...3	T0071	BN64-00553C	INLAY-TERMINAL;07,COMMON,UO,PS SHEET,T0.	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
.2	C/REAR+H/W	6011-001610	BOLT-ETC;M8,L18,ZPC(BLK),SWRCH18A,WSP,PH	4	S.N.A
.1	M0216	BN90-01170A	ASSY STAND;46.52M81,-,ABS+PMMA,HB,BK23,H	1	S.N.A
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
.2	M0027	BN96-04648A	ASSY STAND P-BASE;46.52M81,-,ABS+PMMA,HB	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPITTE;FH,+,B,M4,L10,ZPC(WHT),S	8	S.A
...3		BN61-02533A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A
...3		BN61-02534A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A
...3		BN61-02536A	BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0	1	S.N.A
...3	T0920	BN61-03005A	GUIDE-STAND;TULIP46,ABS V0,BLK	1	S.N.A
...4	T0514	BN61-02537A	BRACKET-SUPPORT;46M7,SECC,T2.0	2	S.N.A
...3		BN61-03006A	BRACKET-STAND BOTTOM;TULIP46,SECC,T3.0	1	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.45	S.N.A
...3	T0004	BN63-03137A	COVER-STAND BASE;TULIP46,ABS+PMMA,HB,BK2	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5	4	S.N.A
.1	M0017	BN91-01392E	ASSY CHASSIS;LNT4661FX/*	1	S.N.A
.2	M0014	BN94-01199H	ASSY PCB MAIN-CMO;LNT4661FX/*	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-	0.25	S.N.A
...3	CN1101	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6P,AG,BLK,N	1	S.A
...3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	S.A
...3	CIS3	BN40-00107A	TUNER;DNVS227IH262A,DNVS227IH262A,NTSC/V	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	T0099	BN62-00003A	HEAT SINK-IC,NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A
...3	T0099	BN62-00003A	HEAT SINK-IC,NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A
...3	T0174	BN97-01415H	ASSY SMD;LNT4661FX/*	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-D20-45\$,-96.5Sn/	4.891	S.N.A
....4	D402	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D408	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D409	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D410	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D411	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D207	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D208	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D209L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D212L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D213	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D221	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D222	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D501	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D724	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D725	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D726	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D727	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D728	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D729	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D730	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D731	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D801	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D802	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D804	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D805	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D806	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D808	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D809	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D810	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D811	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D812	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D813	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D814	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D815	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D822	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D823	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D830	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D831	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D832	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D833	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D834	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D835	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D836	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D837	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D215	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D216	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D217	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D220	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D225	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D302	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D401	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D406	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D407	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D745	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D845	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D846	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D102	0402-001098	DIODE-RECTIFIER;SK34,40V,3A,SMC,TP	1	S.A
....4	D206	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D214	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D218	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D734	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D820	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D838	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D1201	0403-000746	DIODE-ZENER;RLZ3.9B,3.89-4.16V,500mW,LL-	1	S.A
....4	D719	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D722	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D803	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D824	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D601	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D602	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D603	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D623	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D626	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D627	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D628	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D647	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D656	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D657	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D658	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D659	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D660	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D661	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D662	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D663	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D807	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D816	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D817	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D818	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D819	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D821	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D825	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D301	0403-001282	DIODE-ZENER;BZT52-C15,13.8-15.6,410mW,SO	1	S.A
....4	D502	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D604	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D609	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D610	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D611	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D617	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D618	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D621	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D622	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D629	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D633	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D634	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D637	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D638	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D645	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D646	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D650	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D651	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D652	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D653	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D654	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D655	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D827	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D828	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D841	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D842	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D844	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D732	0406-001181	DIODE-TVS;NUP4201MR6,6/-V,500W,TSOP-6	1	S.A
....4	D201	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-23	1	S.A
....4	D202	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-23	1	S.A
....4	D203	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-23	1	S.A
....4	Q301	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q401	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q405	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-23	1	S.A
....4	Q1305	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-23	1	S.A
....4	Q1306	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-23	1	S.A
....4	Q1306L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-23	1	S.A
....4	Q1401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-23	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q207	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q209L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q210	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q502	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q208	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q402	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q404	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q406	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	1	S.A
....4	Q101L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q102L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q501	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000275	FET-SILICON;SI4435DY,P,-30V,+8.0A,0.014	1	S.A
....4	IC104	0801-002095	IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP	1	S.A
....4	IC104	0801-002393	IC-CMOS LOGIC;74VHC244,BUS BUFFER,TSSOP,	1	S.A
....4	IC104	0801-002633	IC-CMOS LOGIC;NC7WBD3125,2BIT BUS SWITCH	1	S.A
....4	IC104	0801-002780	IC-CMOS LOGIC;SN74LVC1G17, SCHMITT-TRIGGE	1	S.A
....4	IC301	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A
....4	IC208	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC602	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	1	S.A
....4	IC106	1001-001440	IC-VIDEO SWITCH;Si19185CTU,QFP,80P,3.3V,	1	S.A
....4	IC603	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001571	IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320BI-,128Mbit,4Mx32Bit,FB	1	S.A
....4	IC113	1105-001674	IC-DRAM;EM6A9320BI-,128Mbit,4Mx32Bit,FB	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A
....4	T0087	1203-001488	IC-POSI.FIXED REG.;7805,TO-252,3P-,PLAS	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P-,PLA	1	S.A
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC701	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A
....4	IC205	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC206	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC118	1204-002484	IC-VIDEO PROCESS;SVP-LX64-7164,BGA,564P,	1	S.N.A
....4	IC302	1204-002708	IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM	1	S.A
....4	IC118	1204-002729	IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17	1	S.A
....4	IC1301	1204-002747	IC-DECODER;S4LF111X01,BGA,416P,27x27mm,P	1	S.A
....4	IC1302	1205-003154	IC-CLOCK GENERATOR;6V10001PGG,TSSOP,24P,	1	S.A
....4	IC1801	1205-003256	IC-RECEIVER;Si19125CTU(Rev.0.3),TQFP,144P	1	S.A
....4	R1519	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1520	2007-000040	R-CHIP;150ohm,1%,1/10W,TP,1608	1	S.A
....4	R1045	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1201	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1202	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1203	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A

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....4	R829	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R830	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R831	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R832	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R833	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R834	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R836	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R837	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R849	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R860	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R861	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R862	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R863	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R864	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R865	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R866	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R867	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R868	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R869	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R870	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R871	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R872	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R873	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R874	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R875	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R775	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A
....4	R1221	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1223	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1225	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1226	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R4079	2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	S.A
....4	R1835	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1836	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1837	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1838	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1839	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1840	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1841	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R1842	2007-000659	R-CHIP;270HM,5%,1/10W,TP,1608	1	S.A
....4	R4059	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	S.A
....4	R204	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R422	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R423	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R118	2007-000701	R-CHIP;3.6Kohm,1%,1/10W,TP,1608	1	S.A
....4	R1148	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	1	S.A
....4	R408	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R415	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R428	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	S.A
....4	R107	2007-000962	R-CHIP;5.1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R602	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R603	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R604	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R605	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R606	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R607	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R613	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R617	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R618	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R620	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R621	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R622	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R624	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R627	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

6 Electrical Parts List

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1750	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C177	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1830	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C184	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1840	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1841	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1842	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1843	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1844	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1845	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1856	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1857	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1858	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1859	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1863	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1864	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1865	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1866	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1868	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1870	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C212	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C215	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C216	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C217L	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C219	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C220L	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C232	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C509	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C514	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C522	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C1325	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C159	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C173	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C1304	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1308	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1803	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1817	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1847L	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1848	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1849	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1850	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1851	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C1852	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C206	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C354	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C355	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C404	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C405	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C407	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C410	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C411	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C417	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C424	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C425	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C427	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C428	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C437	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C438	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C440	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C444	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C525	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A
....4	C1030	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C1034	2203-000531	C-CER,CHIP;2.7nF,10%,50V,X7R,1608	1	S.A
....4	C1150	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C1151	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C204	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C205	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C1303	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1305	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C160	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C174	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C357	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C610	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C611	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C613	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C614	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C616	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C623	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C624	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C626	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C627	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C811	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C812	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C825	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C826	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C1310	2203-000838	C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608	1	S.A
....4	C805	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A
....4	C1315	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1316	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C337	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C339	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C1204	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1205	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1209	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C1210	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C526	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C331	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C518	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C218	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C1854	2203-001034	C-CER,CHIP;5.6nF,10%,50V,X7R,1608	1	S.A
....4	C1853	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.A
....4	C327	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C328	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C335	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C1309	2203-001554	C-CER,CHIP;1.8nF,10%,50V,X7R,1608	1	S.A
....4	C521	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C1312	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C321	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C334	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C413	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C416	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C426	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C443	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C1039	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1040	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1041	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1042	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1043	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1044	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1045	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1046	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1047	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1048	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1049	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1050	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1051	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1052	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1053	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1054	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1059	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1060	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1061	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1062	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1063	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1064	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C108	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1775	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1776	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1777	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1778	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C179	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1820	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C190	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C194	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C202	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C203	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C210	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C222	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C230L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C301	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C324	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C502	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C503	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C504	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C507	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C511	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C516	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C528	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C529	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C530	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C622	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C628	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C630	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C631	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C632	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C633	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C708	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C713	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C802	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C810	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C827	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C409	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C436	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1319	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1321	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C1846L	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C209	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C419	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C420	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C421	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C441	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C408	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C412	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C430	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C442	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C450	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C451	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C452	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C453	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C520	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C523	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C158L	2203-005261	C-CER,CHIP;1000nF,10%,25V,X7R,3216	1	S.A
....4	C303	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C304	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C306	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C307	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C308	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C311	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C313	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C314	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C315	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C316	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C317	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1780	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1855	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1860	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1882	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C1883	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C213	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C233	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C330	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C342	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C402	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C506	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C510	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C515	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C517	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C712	2402-001086	C-AL,SMD;100uF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C105	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C109	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C111	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C113	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C122	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C140	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C147	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C149	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C165	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C167	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1701	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1732	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C175	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C189	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C343	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C346	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C513	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C1517	2402-001147	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C519	2402-001147	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C524	2402-001147	C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C106	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1324	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1779	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1810	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C1890	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C302	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C332	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C505	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C512	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C527	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C156L	2402-001218	C-AL,SMD;22uF,20%,35V,WT,TP,6.6X6.6X5.8MM	1	S.A
....4	C319	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C347	2402-001226	C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C1148L	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C118	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C135	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C161L	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C181	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C188	2402-001268	C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3	1	S.A
....4	C406	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C422	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C168	2409-001029	C-ORGANIC,SMD;120uF,20%,6.3V,WT,TP,8.3mm	1	S.A
....4	C151	2409-001051	C-ORGANIC;82uF,20%,6.3V,WT,TP,6.3*5.9MM,	1	S.A
....4	C154	2409-001065	C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,-	1	S.A
....4	C171	2409-001065	C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,-	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A

6 Electrical Parts List

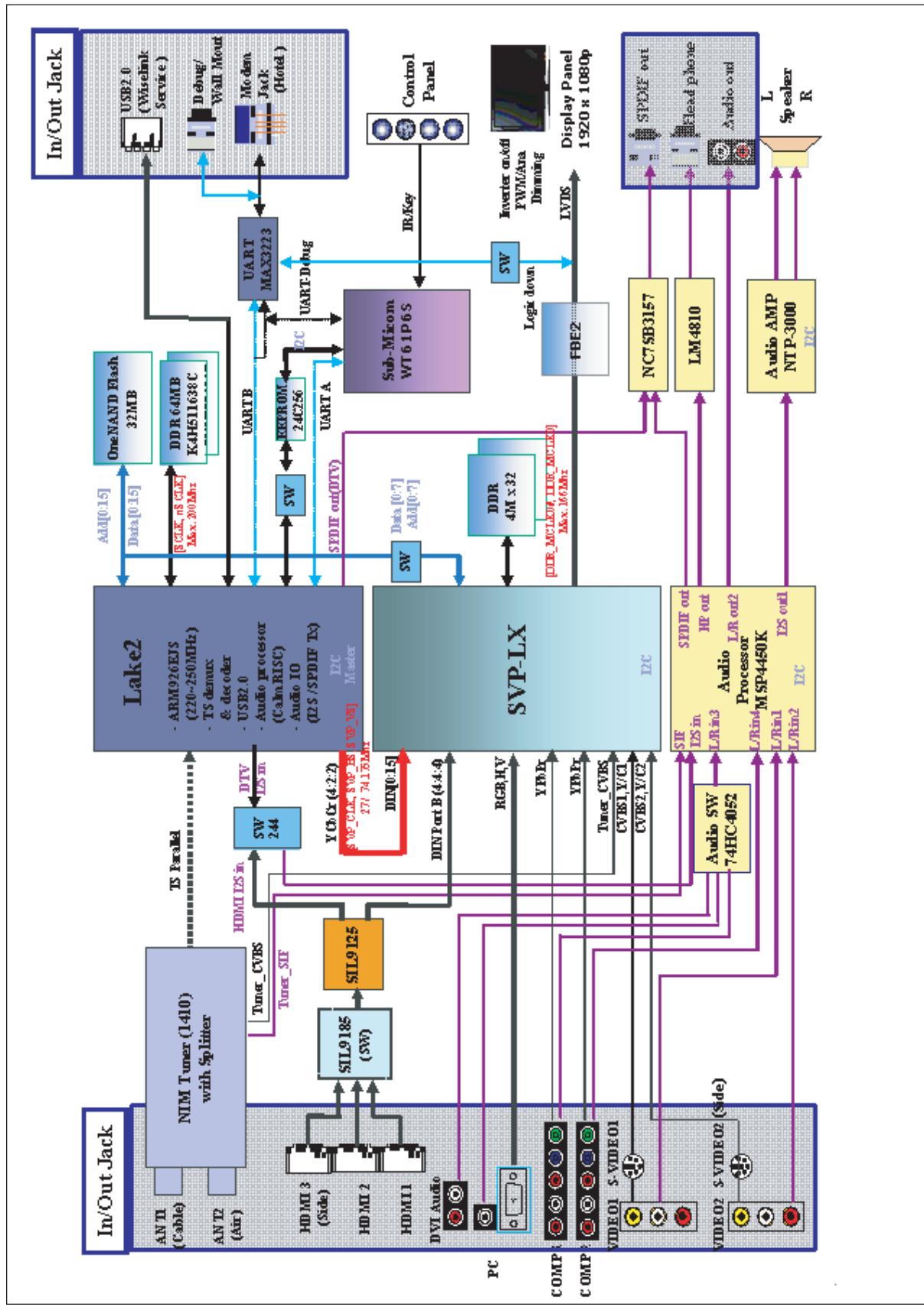
6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
.2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	3	S.N.A
.2	T0275	BN96-04938A	ASSY MISC P-INLET;LNT4661FX/XAA,250/250M	1	S.N.A
.2	M0020	BN96-05039C	ASSY BOARD P-SIDE HDMI A/V;LNT4661FX/XAA	1	S.A
...3		BN61-03008A	HOLDER-SIDE AV;46M81,PC+ABS,V0,-,-,BK2	1	S.N.A
...3	M0020	BN96-04922B	ASSY BOARD P-SIDE A/V;SPD-63P71FHD,CT500	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
.2	T0447	BN96-05214A	ASSY BRACKET P-PANEL;46M81,VO,SO,LO	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	4	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPITTE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
...3	MP1.4	BN61-03009A	BRACKET-BOTTOM;TULIP46,SECC,T1.2,BRACKET	1	S.N.A
...3	T0081	BN61-03010A	BRACKET-MAIN;TULIP46,SECC,T1.2,BRACKETLE	1	S.N.A
...3		BN61-03011A	BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,R1	2	S.N.A
...3		BN61-03012A	BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,LE	1	S.N.A
...3	M0115	BN61-03013A	BRACKET-STAND LINK;TULIP46,SECC,T1.6	1	S.N.A
...3	M0131	BN63-03480A	GASKET;LNT4642HX/XAA,Polyurethane Foam,1	1	S.N.A
...3	M0131	BN63-03481A	GASKET;LNT4642HX/XAA,Polyurethane Foam,1	1	S.N.A
...3	M0131	BN63-03520A	GASKET;Tulip,Conductive Fabric,10,18,300	2	S.N.A
.2	M2893	BN39-00883A	LEAD CONNECTOR-LVDS;LNT4661F,UL1571#30.5	1	S.A
.2	M0131	BN63-03008A	GASKET;LN46M71BD,Conductive Fabric,18mm,	1	S.N.A
.2	M0596	BN96-05164A	ASSY MISC P-FLAT CABLE;HPT5064X/XAA,450M	1	S.A
.2	M0865	BN96-05313A	ASSY SHIELD P-SMPS;JASMINE 46,SECC,T0.3	1	S.A
...3	M0114	AA61-20129A	HOLDER-WIRE;-,NYLON-66,-,-,NTR,DAFC-25	1	S.N.A
...3		BN63-03146A	SHIELD-SMPS;TULIP46,SECC,T0.5	1	S.N.A
.2	M0174	BN44-00166B	IP BOARD;PSIV351601A,46" TULIP,30mA,75mA	1	S.A
.2	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A
.2	T0175	BN96-05912A	ASSY SHIELD P-PCB MAIN;TULIP,46,52UO,SEC	1	S.N.A
...3	T0603	BN63-03680A	SHIELD-PCB MAIN;46 TULIP,SECC,T0.5,FHD	1	S.N.A
...3	M0131	BN63-03813A	GASKET;Tulip,Conductive Fabric,10,3,190,	1	S.N.A
...3	M0131	BN63-03814A	GASKET;Tulip,Conductive Fabric,10,5,180,	1	S.N.A
0.1	T0852	BN91-01646A	ASSY LCD-CMO;LNT466FX/XAA	1	S.N.A
.2	M0215	BN07-00395A	LCD-PANEL;V460H1-L01,8bit,46inch,16.7M,1	1	S.A
0.1	M0003	BN92-02338T	ASSY BOX;46M81,VO(XAC)	1	S.N.A
.2	M0006	BN69-01717E	BOX-00,SET,OUT;46M8,CB,DY-01,AB,YEL,C3,C	1.02	S.N.A
.2	M0521	BN69-01718A	BOX-SET,IN;46M8,CB,C1,DY-01,W1601,D805,1	1.02	S.N.A
0.1	M0113	BN92-02343A	ASSY P/MATERIAL;46M87,-,-,-	1	S.N.A
.2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE	0.022	S.N.A
.2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.064	S.N.A
.2	T0524	6902-000684	BAG PE;HDPE/NITRON,T0.015/T0.5,W1400,L14	1	S.N.A
.2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A
.2	T0172	AA69-02609A	BAND-PP;-,PP,-,W18,-,CLEA,1G,-,	5.35	S.N.A
.2	CCM1	BN63-03540A	COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3	1.41	S.N.A
0.1	M0019	BN92-02416B	ASSY LABEL;LNT4661FX/XAA	1	S.N.A
0.1	M0045	BN92-02417E	ASSY ACCESSORY;LNT4661FX/XAC	1	S.N.A
.2	M0045	BN96-04838C	ASSY ACCESSORY;LNT4661FX/XAA	1	S.A
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	T0074	BN59-00599A	REMOCON;Bordeaux plus,TM87C,SAMSUNG28P+E	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0531	BN63-03148A	COVER-BOTTOM;46,52M81,HIPS,-,-,V0,-,BK	1	S.A
.2	M0045	BN96-04838E	ASSY ACCESSORY;LNT4661FX/XAC	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-00682C	CARD WARRANTY-05;PDP,W/P120(G),SECA,B5,B	1	S.N.A
...3	M0156	BN68-01178B	MANUAL USERS-01;COMM,SAMSUNG,ENG/FRE,N,A	1	S.N.A
...3	ACCESSORY	BN68-01179A	MANUAL FLYER-QSG;COMM,SAMSUNG,English,N.	1	S.N.A
...3	T0238	AA68-03870C	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0238	AA68-03870D	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0511	AA68-03242L	MANUAL FLYER-SAFETY GUIDE;comm,Samsung,E	1	S.N.A

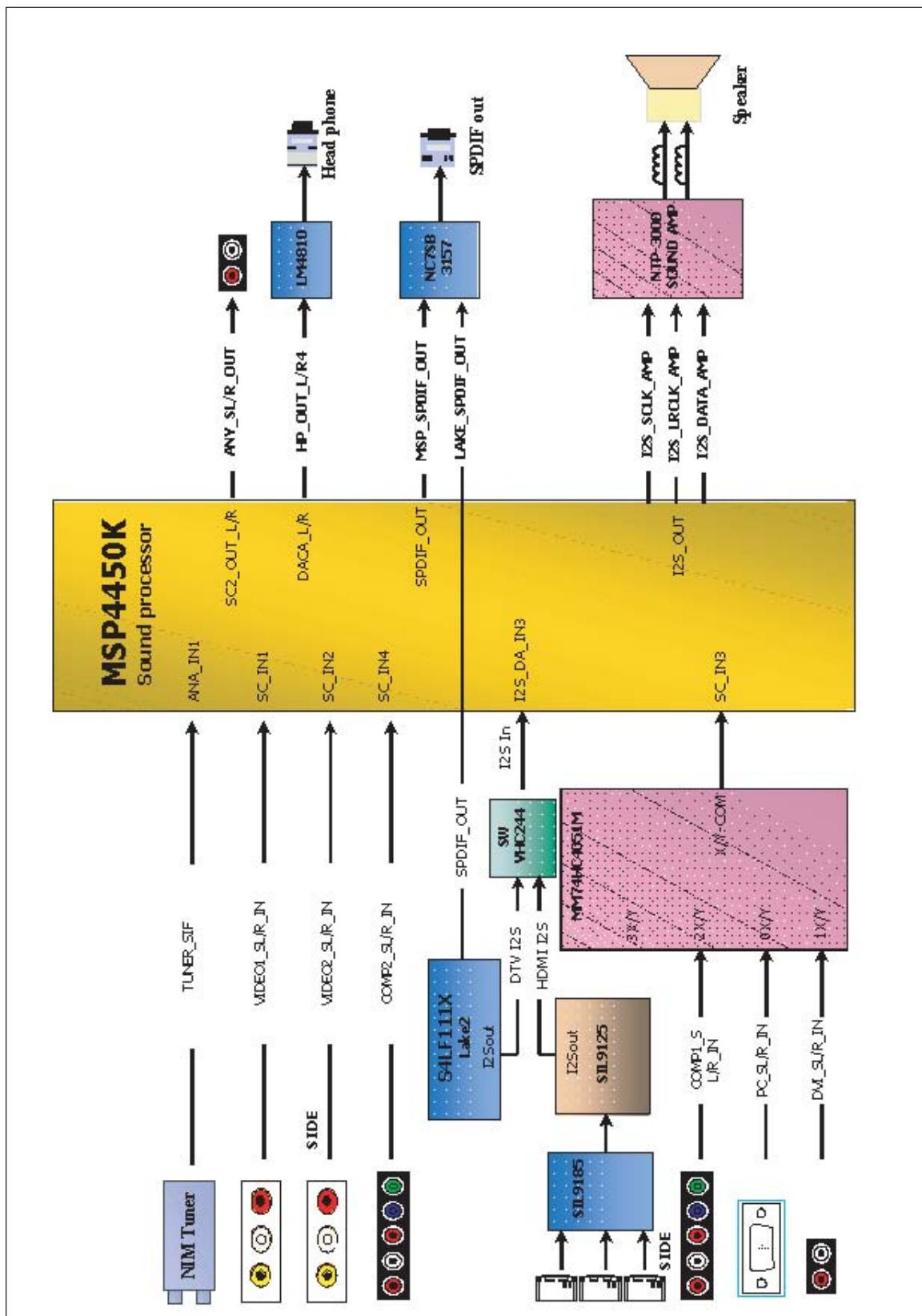
7 Block Diagram

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

7-1 Block Diagram



7-2 Audio Block Diagram



8 Wiring Diagram

CN1103(to Panel)

1	12V	22	NC
2	12V	23	RE [0]-
3	12V	24	RE [0]+
4	12V	25	RE [1]-
5	GND	26	RE [1]+
6	GND	27	RE [2]-
7	GND	28	RE [2]+
8	GND	29	RECLK-
9	RO [0]-	30	RECLK+
10	RO [0]+	31	RE [3]-
11	RO [1]-	32	RE [3]+
12	RO [1]+	33	RE [4]-
13	RO [2]-	34	RE [4]+
14	RO [2]+	35	NC
15	ROCLK-	36	NC
16	ROCLK+	37	SCL
17	RO [3]-	38	SDA
18	RO [3]+	39	WP
19	RO [4]-	40	LVDS OPTION
20	RO [4]+	41	DCC SEL
21	NC		

CN1602(to Power Board)

1	SW_INVERTER
2	ANA_DIM
3	PWM_DIM
4	GND
5	SENSE_PWR

CN101(to Power Board)

1	NC	13	5V
2	SW_POWER	14	5V
3	GND	15	5V
4	STD_VCC	16	5V
5	GND	17	GND
6	GND	18	GND
7	18V	19	GND
8	18V	20	13V
9	GND	21	13V
10	GND	22	13V
11	GND	23	NC
12	GND	24	NC

JA804(to DVI Sound)

1	GND
2	DVI_SR_IN
3	DVI_SL_IN
4	GND
5	DVI_SL_IN
6	DVI_SR_IN

JA604(to Component1)

1	GND
2	COMP1_SR_IN
3	COMP1_SL_IN
4	GND
5	COMP1_SL_IN
6	COMP1_SR_IN

JA607(to Component2)

1	GND
2	COMP2_SR_IN
3	COMP2_SL_IN
4	GND
5	COMP2_SL_IN
6	COMP2_SR_IN

JA601(to Component1)

1	GND
2	COMP1_IDENT
3	COMP1_Y
4	GND
5	COMP1_PB
6	COMP1_PB
7	GND
8	COMP1_PR
9	COMP1_PR

JA606(to Component2)

1	GND
2	COMP2_IDENT
3	COMP2_Y
4	GND
5	COMP2_PB
6	COMP2_PB
7	GND
8	COMP2_PR
9	COMP2_PR

JA801(to HDMI1)

1	HDMI1_RX2+	12	HDMI1_RXCLK-
2	GND	13	NC
3	HDMI1_RX2-	14	NC
4	HDMI1_RX1+	15	HDMI1_DDC_SCL
5	GND	16	HDMI1_DDC_SDA
6	HDMI1_RX1-	17	GND
7	HDMI1_RX0+	18	5V
8	GND	19	5V
9	HDMI1_RX0-	20	GND
10	HDMI1_RXCLK+	21	GND
11	GND		

JA803(to HDMI2)

1	HDMI2_RX2+	12	HDMI2_RXCLK-
2	GND	13	NC
3	HDMI2_RX2-	14	NC
4	HDMI2_RX1+	15	HDMI2_DDC_SCL
5	GND	16	HDMI2_DDC_SDA
6	HDMI2_RX1-	17	GND
7	HDMI2_RX0+	18	5V
8	GND	19	5V
9	HDMI2_RX0-	20	GND
10	HDMI2_RXCLK+	21	GND
11	GND		

JA701B(to HDMI3)

1	HDMI3_RX2+	11	GND
2	GND	12	HDMI3_RXCLK-
3	HDMI3_RX2-	13	HDMI_CEC
4	HDMI3_RX1+	14	NC
5	GND	15	HDMI2_DDC_SCL
6	HDMI3_RX1-	16	HDMI2_DDC_SDA
7	HDMI3_RX0+	17	GND
8	GND	18	5V
9	HDMI3_RX0-	19	5V
10	HDMI3_RXCLK+	20	GND

CN1101(to PC)

1	PC_RED	9	5V
2	PC_GREEN	10	PC_IDENT
3	PC_BLUE	11	GND
4	GND	12	EMU_SDA
5	GND	13	PC_HS_MICOM
6	GND	14	PC_VS_SVP
7	GND	15	EMU_SCL

JA802(to PC Sound)

1	GND
2	PC_SR_IN
3	PC_SL_IN
4	PC_SR_IN
5	PC_SL_IN
6	PC_SR_IN
7	PC_SR_IN

JA609(to Service Jack)

1	GND
2	R2IN
3	T2OUT
4	T2OUT
5	T2OUT
6	R2IN
7	R2IN

CN202(to Function/IR)

1	IR	6	KEY_INPUT1
2	GND	7	KEY_INPUT2
3	5V	8	GND
4	LED_STB	9	5V
5	BUZZER	10	LED_CTRL

CN703S(to Side AV)

1	3.3V	22	HDMI3_IDENT
2	1.8V	23	HDMI3_IDENT
3	USB_VCC	24	HDMI_HPD_SINK
4	HP_OUT_L	25	HDMI3_DDC_SDA
5	HP_OUT_R	26	HDMI3_DDC_SCL
6	HP_IDENT	27	GND
7	VIDEO2_SL_IN	28	HDMI_CEC
8	VIDEO2_SR_IN	29	GND
9	GND	30	HDMI3_RXCLK-
10	VIDEO2_CVBS	31	HDMI3_RXCLK+
11	VIDEO2_IDENT	32	GND
12	GND	33	HDMI3_RX0-
13	SVHS2_C	34	HDMI3_RX0+
14	GND	35	GND
15	SVHS2_Y	36	HDMI3_RX1-
16	SVHS2_IDENT	37	HDMI3_RX1+
17	GND	38	GND
18	USB2_DN	39	HDMI3_RX2-
19	USB2_DP	40	HDMI3_RX2+
20	GND	41	GND
21	DDC_WP		

JA608(to Sound Output)

1	GND
2	MONITOR_SL_OUT
3	MONITOR_SL_OUT
4	GND
5	MONITOR_SR_OUT
6	MONITOR_SR_OUT

OP601(to Optical Jack)

1	VIN
2	VCC
3	GND

JA401(to Speaker)

1	GND
2	HP_OUT_L
3	HP_OUT_R
4	NC
5	HP_IDENT

JA602(to Video1)

1	GND
2	VIDEO1_IDENT
3	VIDEO1_CVBS
4	GND
5	VIDEO1_SR_IN

JA605(to S-Video1)

1	SVHS1_C
2	SVHS1_Y
3	GND
4	GND
5	SVHS1_IDENT
6	GND

CN701B(to Video2)

1	GND
2	VIDEO2_SR_IN
3	VIDEO2_CVBS
4	GND
5	VIDEO2_SR_IN

CN702B(to S-Video2)

1	GND
2	SVHS2_IDENT
3	NC
4	GND

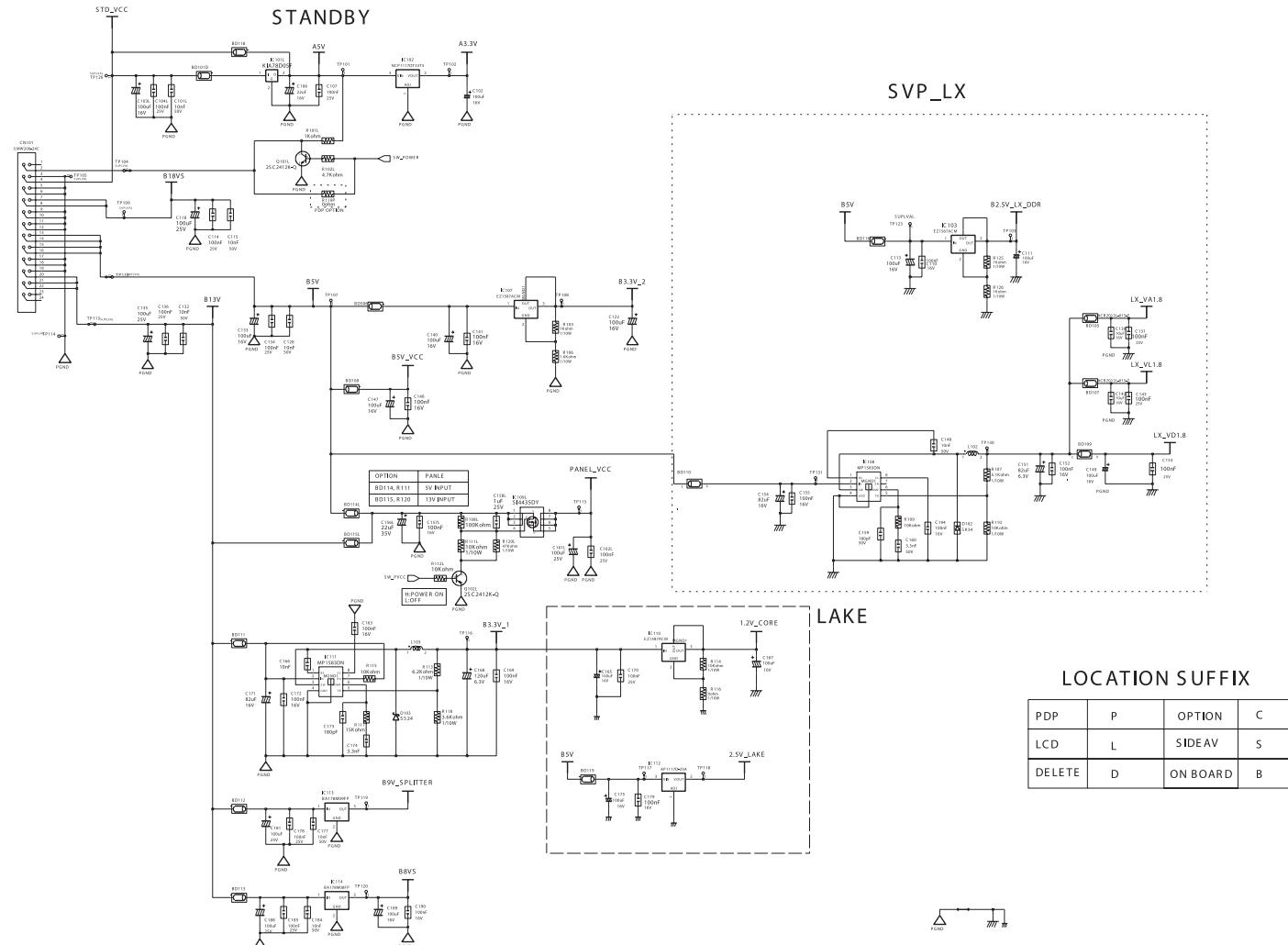
Memo

9 Schematic Diagrams

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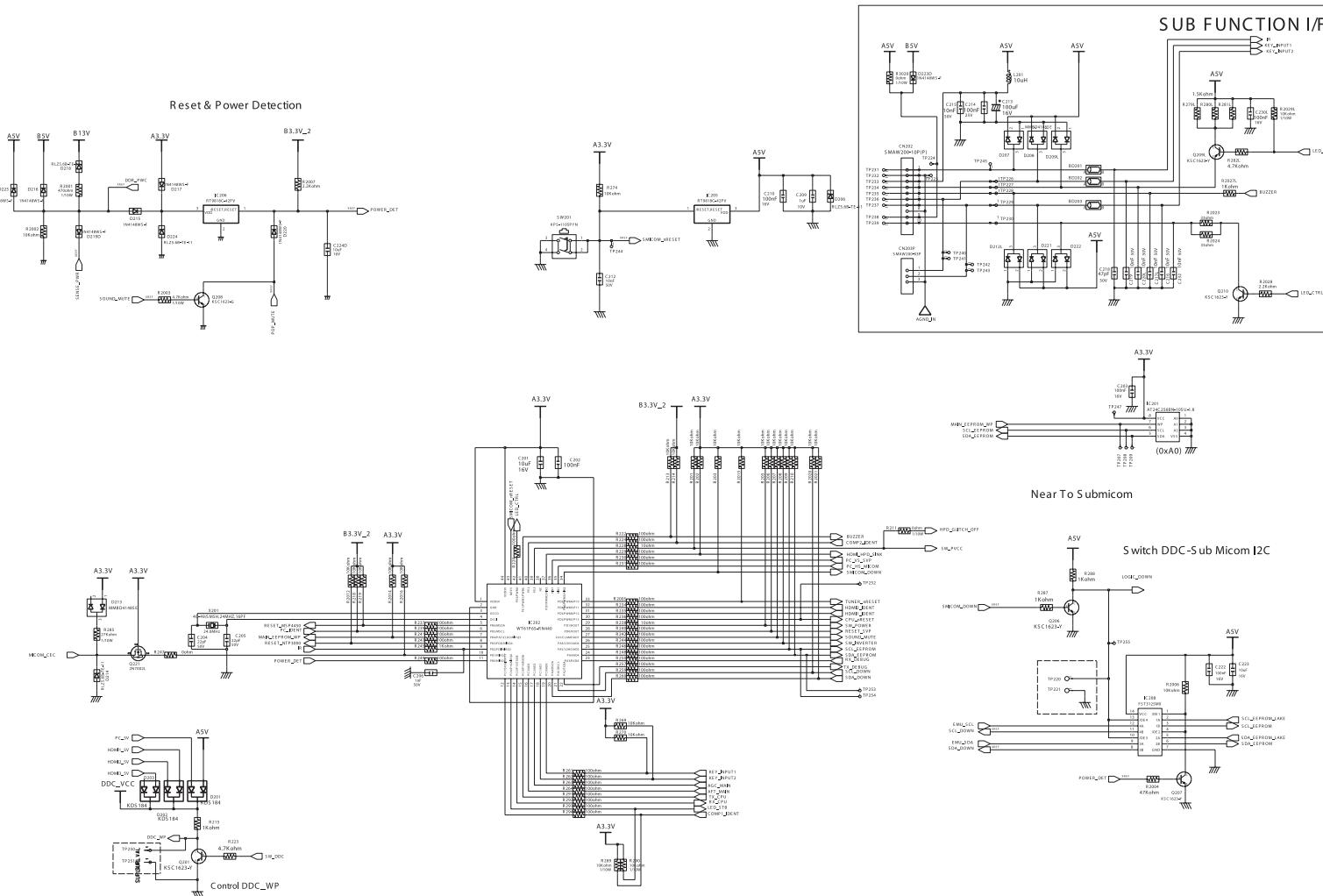
9-1 Main Board

9-1-1 MAIN POWER BLOCK Schematic Diagram



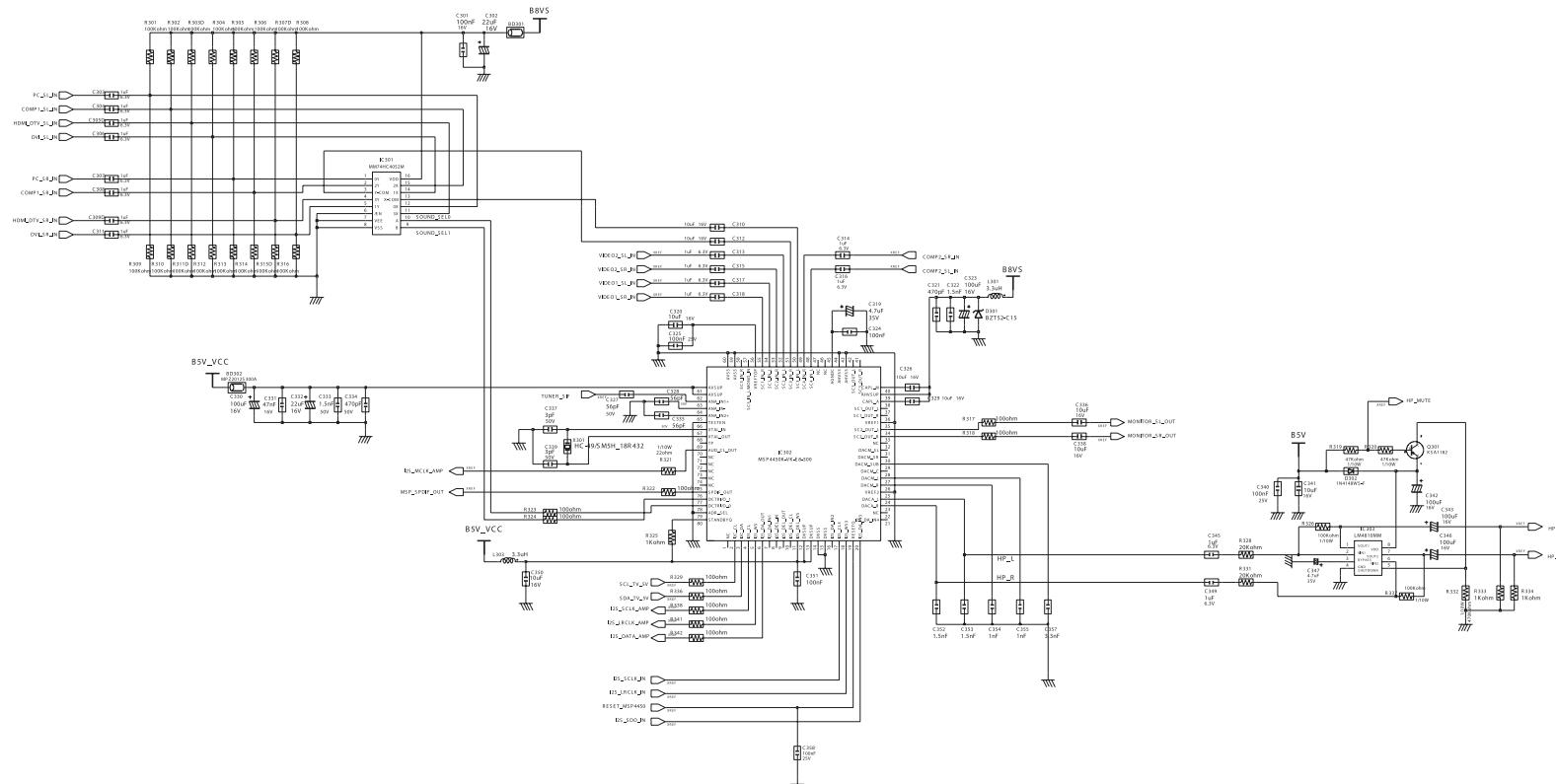
-This Document can not be used without Samsung's authorization.

9-1-2 STANDBY MICOM (S3F866B) Schematic Diagram



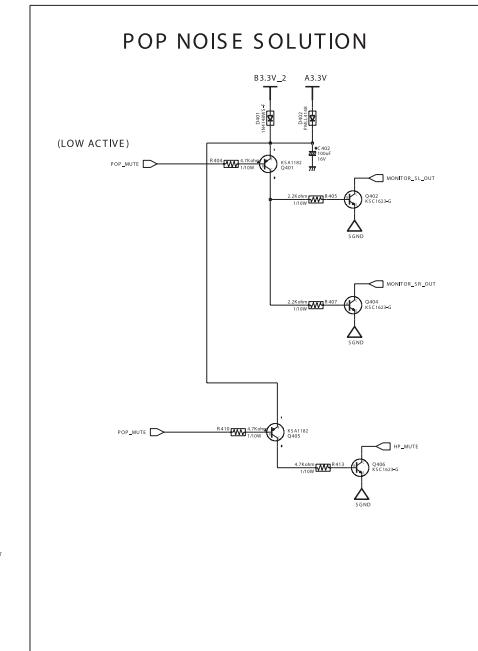
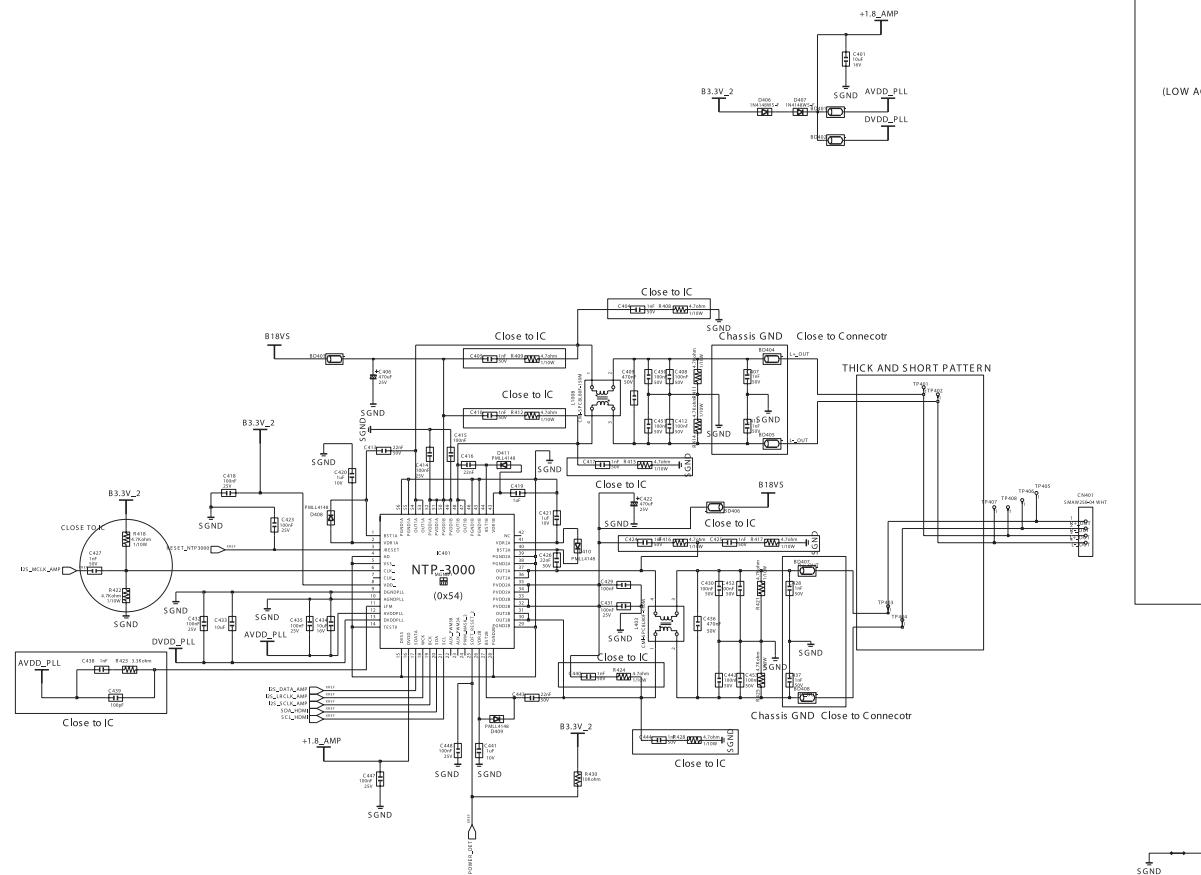
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9-1-3 SOUND PROCESSOR (MSP4450) Schematic Diagram



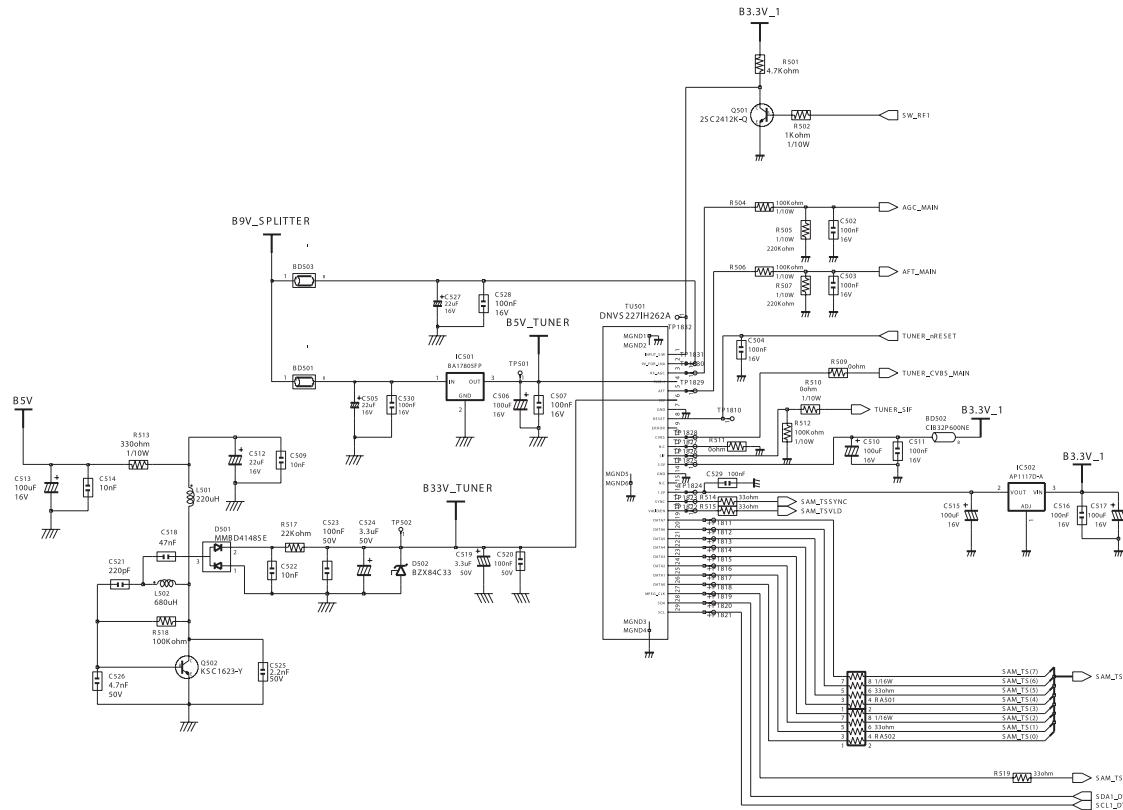
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9-1-4 SOUND AMP (NTP3000) & POP SOLUTION Schematic Diagram



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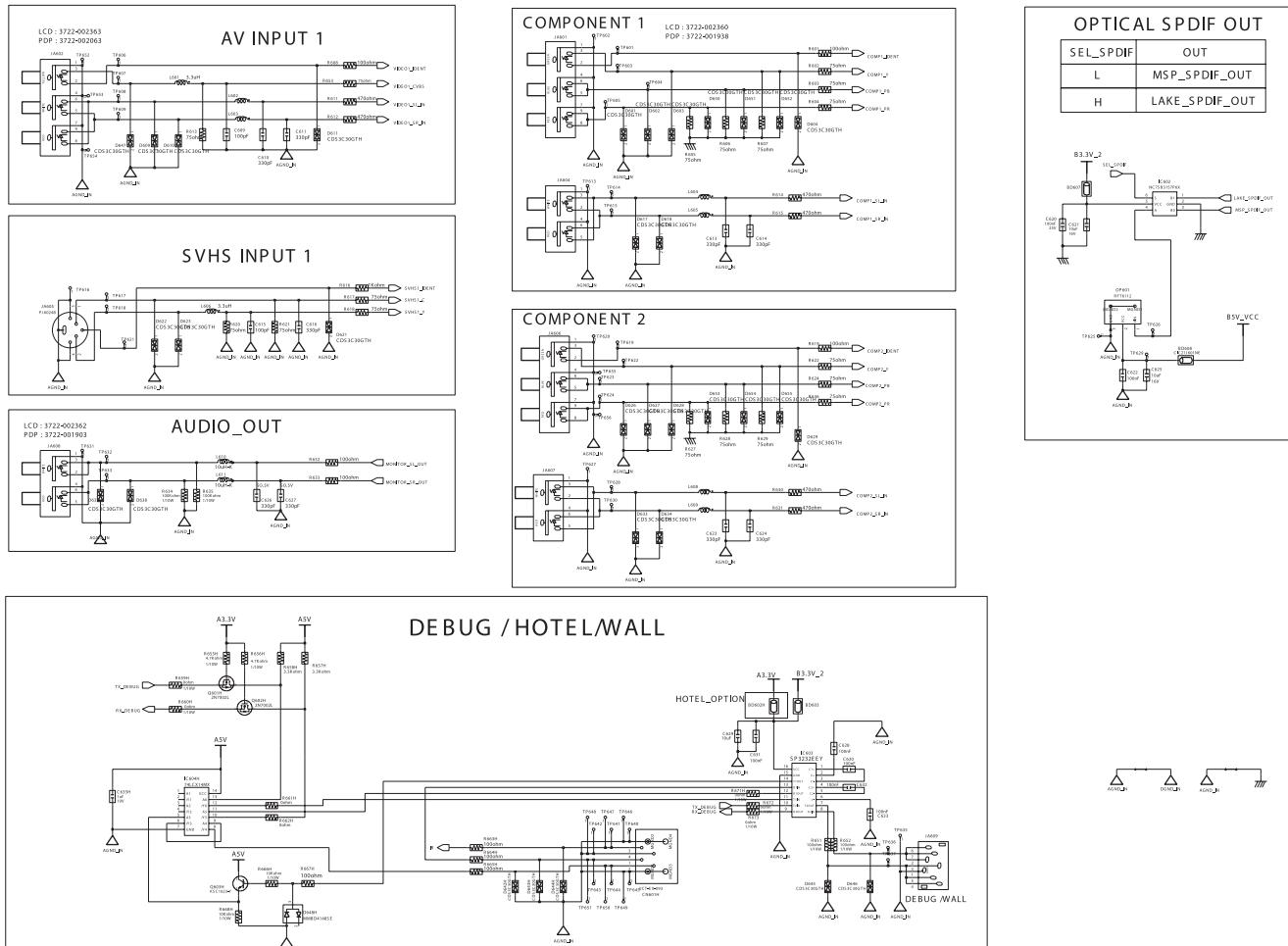
9-1-5 NIM TUNER 1410 Schematic Diagram



9 Schematic Diagrams

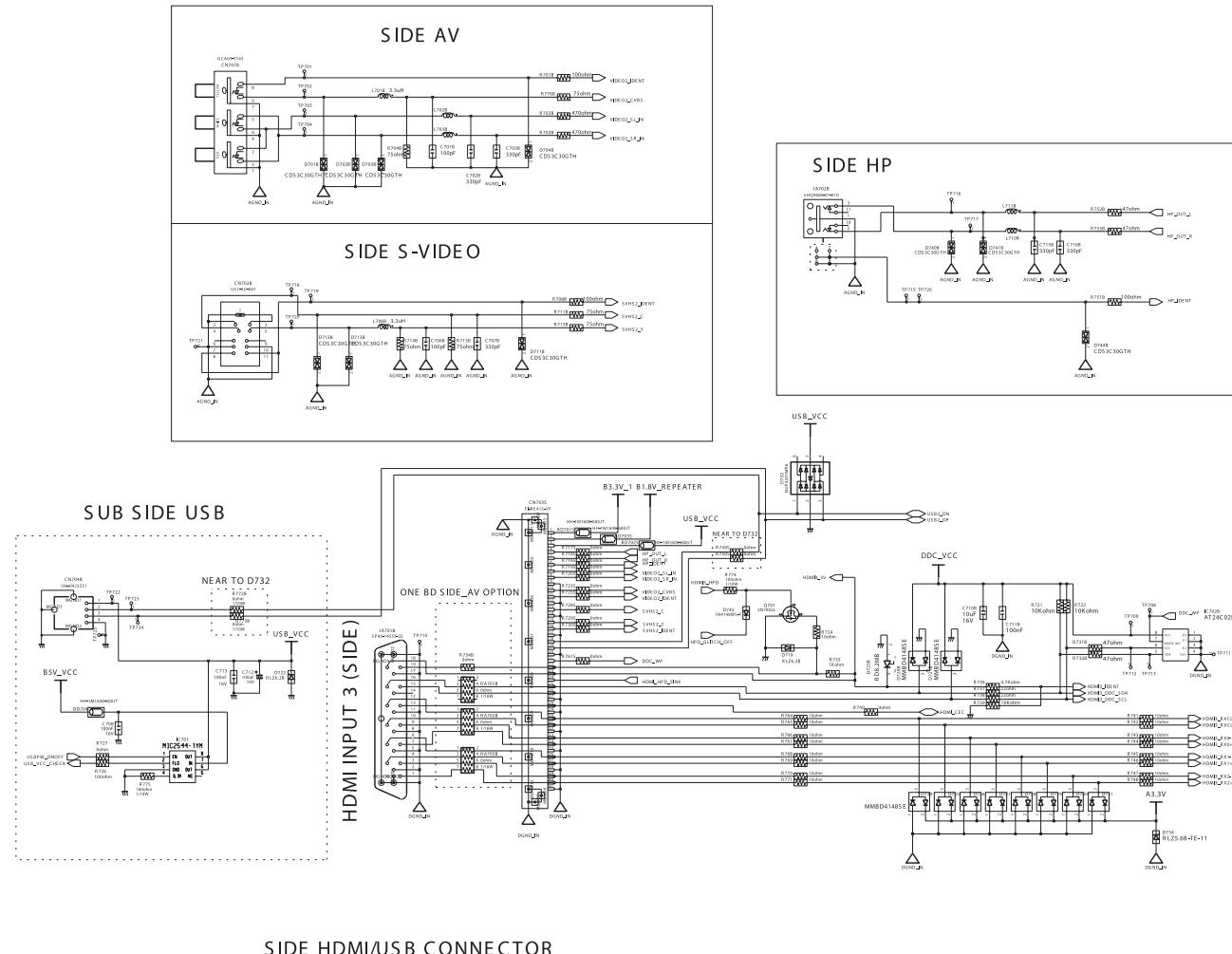
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9-1-6 NIM TUNER 1410 Schematic Diagram



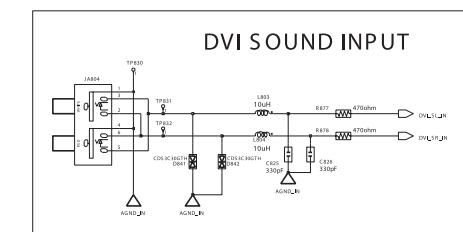
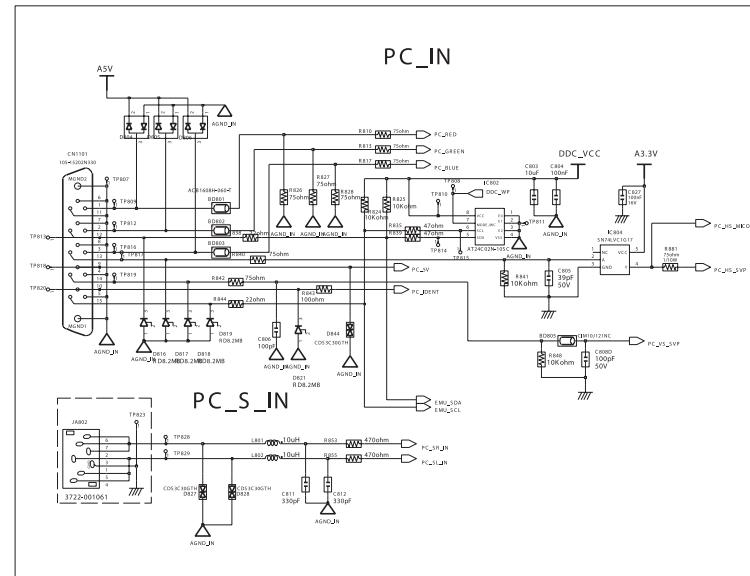
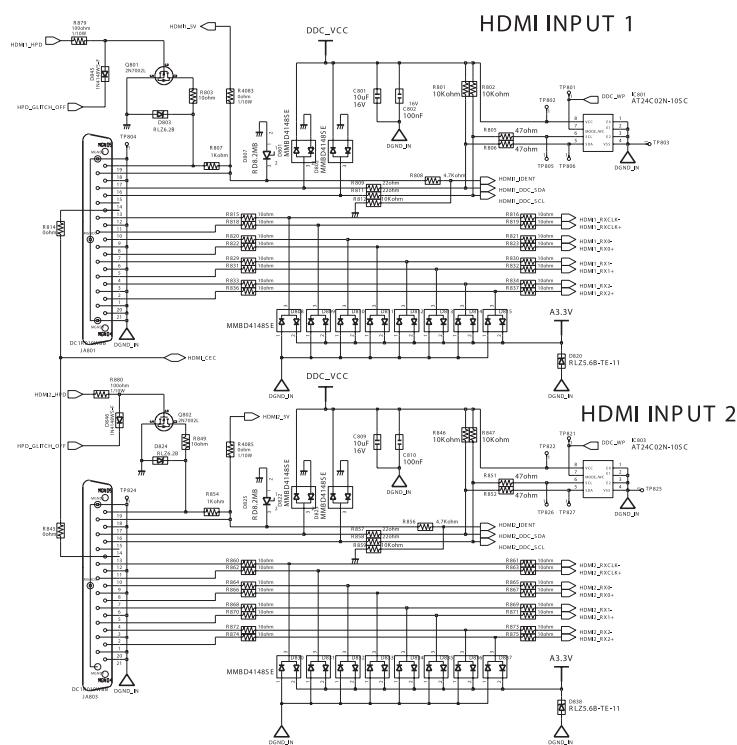
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9-1-7 SIDE AV IN / OUT Schematic Diagram



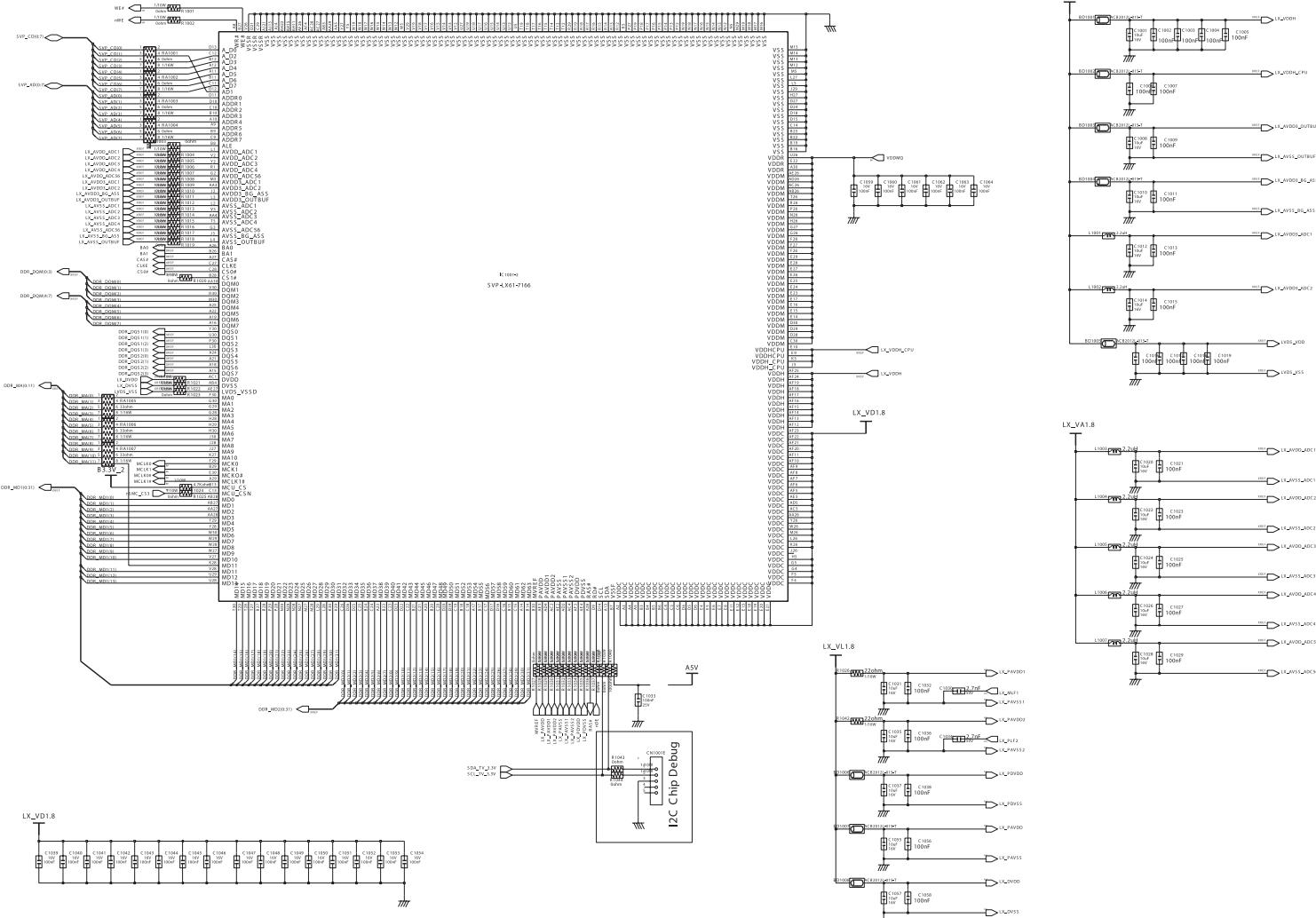
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9-1-8 HDMI SWITCH & PC & HDMI INPUT Schematic Diagram



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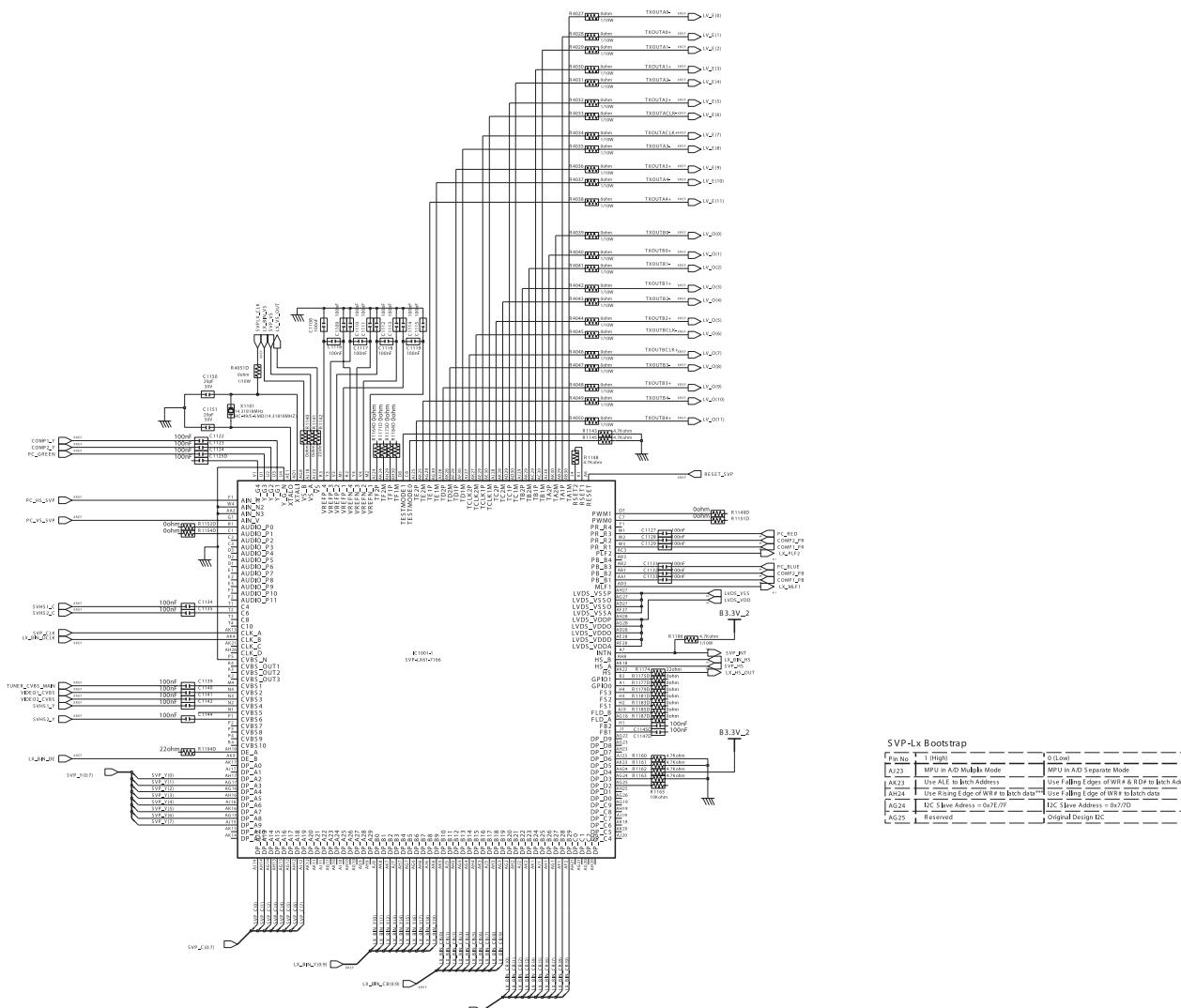
9-1-9 HDMI SWITCH & PC & HDMI INPUT Schematic Diagram



9 Schematic Diagrams

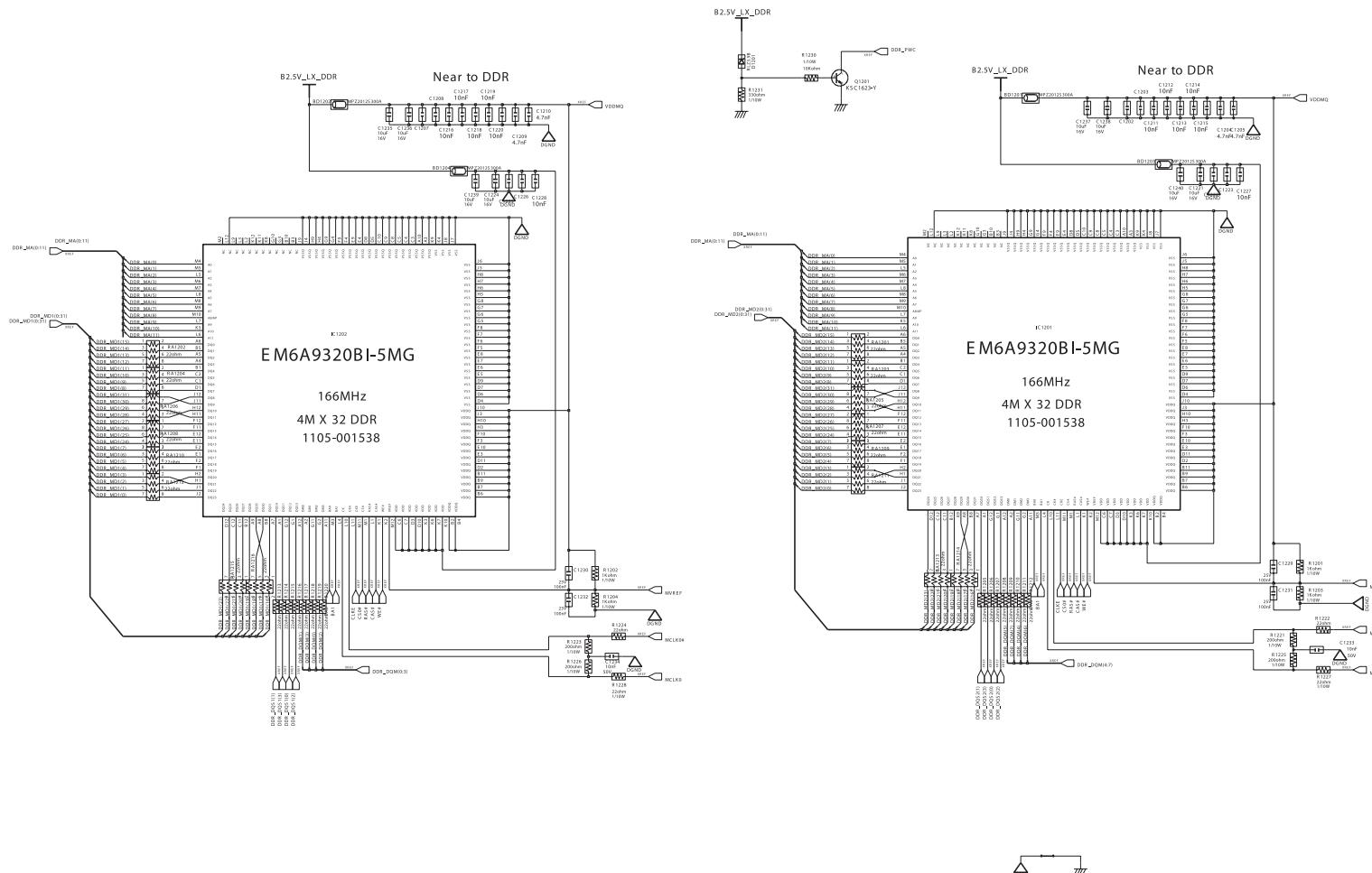
-This Document can not be used without Samsung's authorization.

9-1-10 LVDS & PWM CONTROL & PANEL I/F Schematic Diagram



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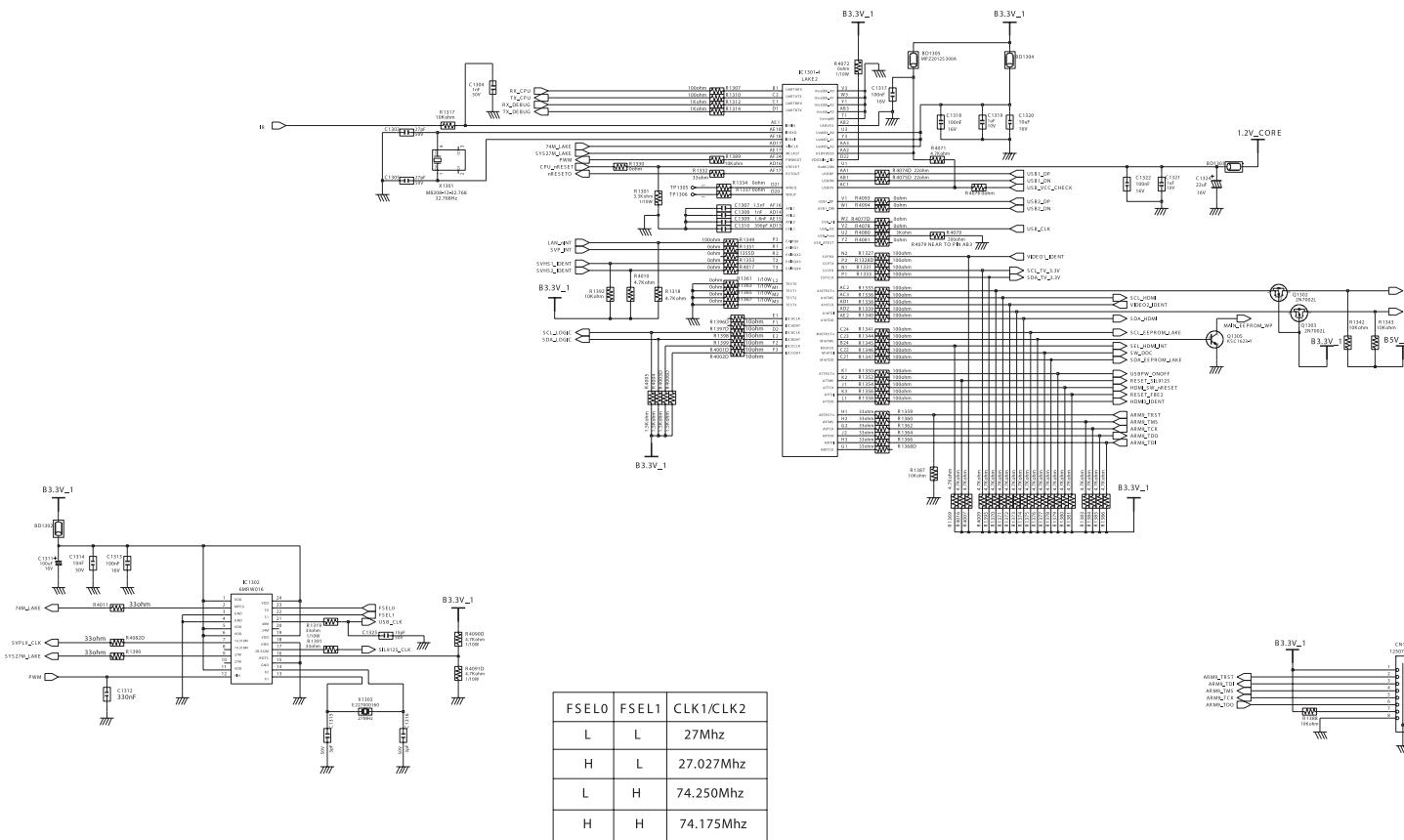
9-1-11 SVP-LX DDR MEMORY Schematic Diagram



9 Schematic Diagrams

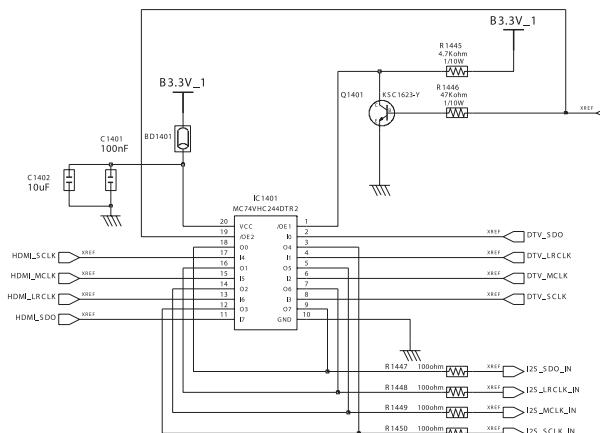
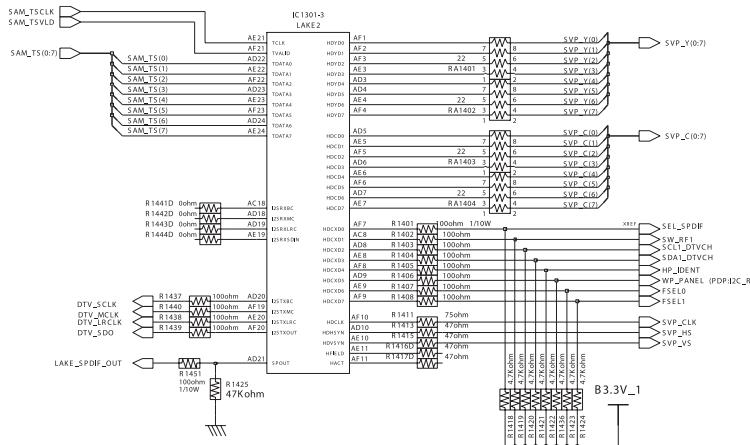
-This Document can not be used without Samsung's authorization.

9-1-12 LAKE (I2C & GPIO & USB & UART & INT) Schematic Diagram



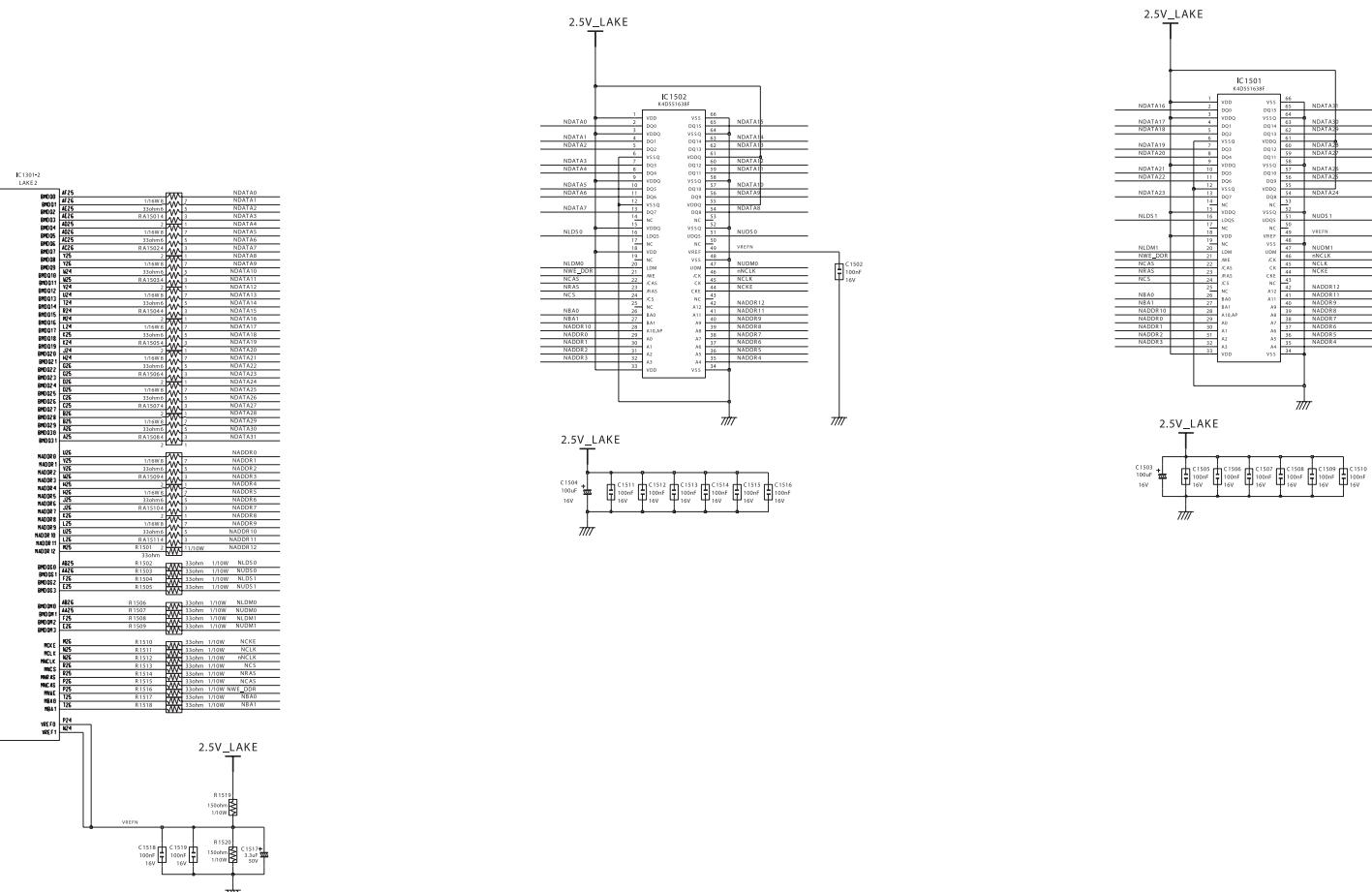
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9-1-13 LAKE (I2S IN/OUT & TS-IN & YCbCr-OUT) Schematic Diagram



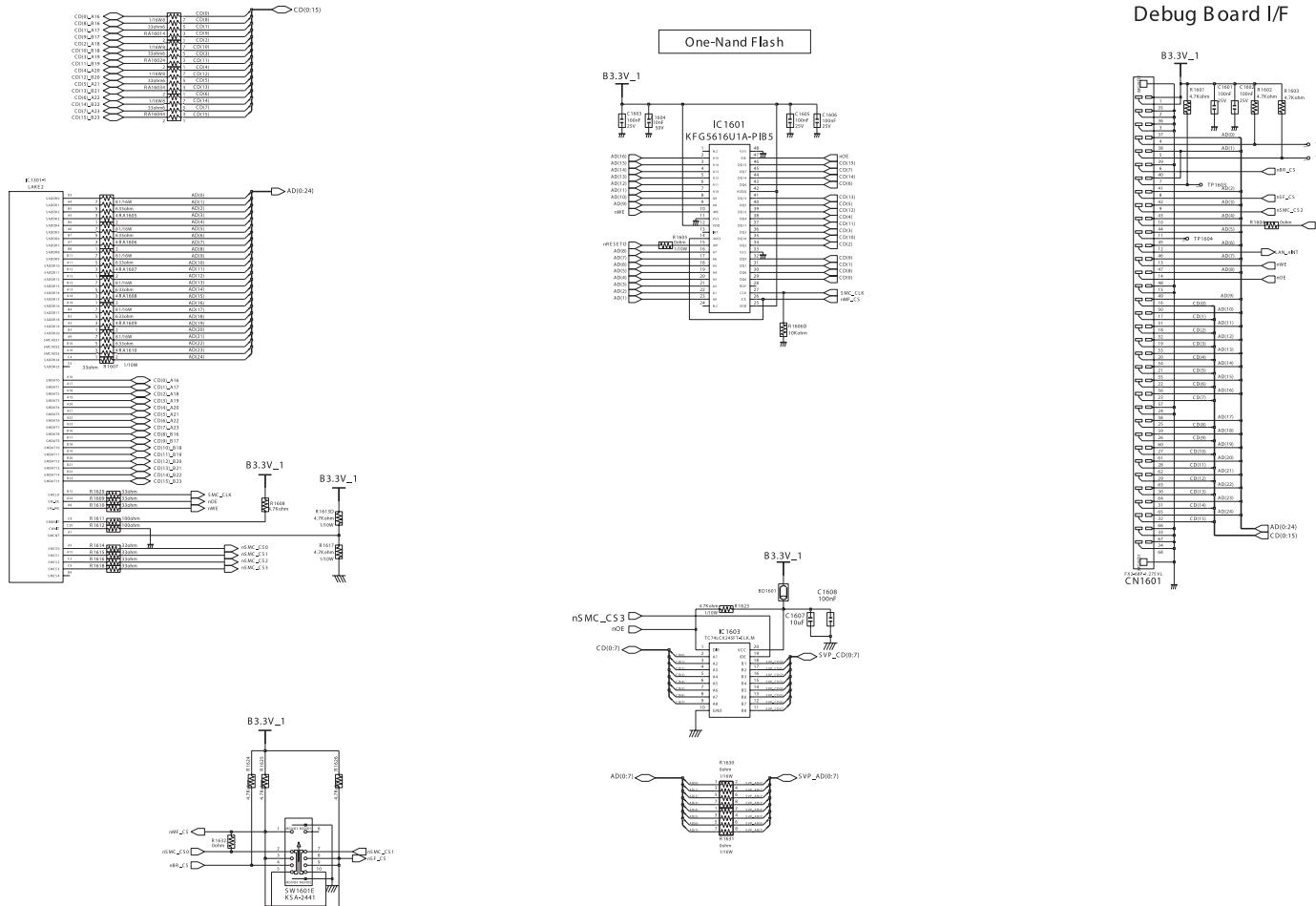
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9-1-14 LAKE (DDR MEMORY) Schematic Diagram



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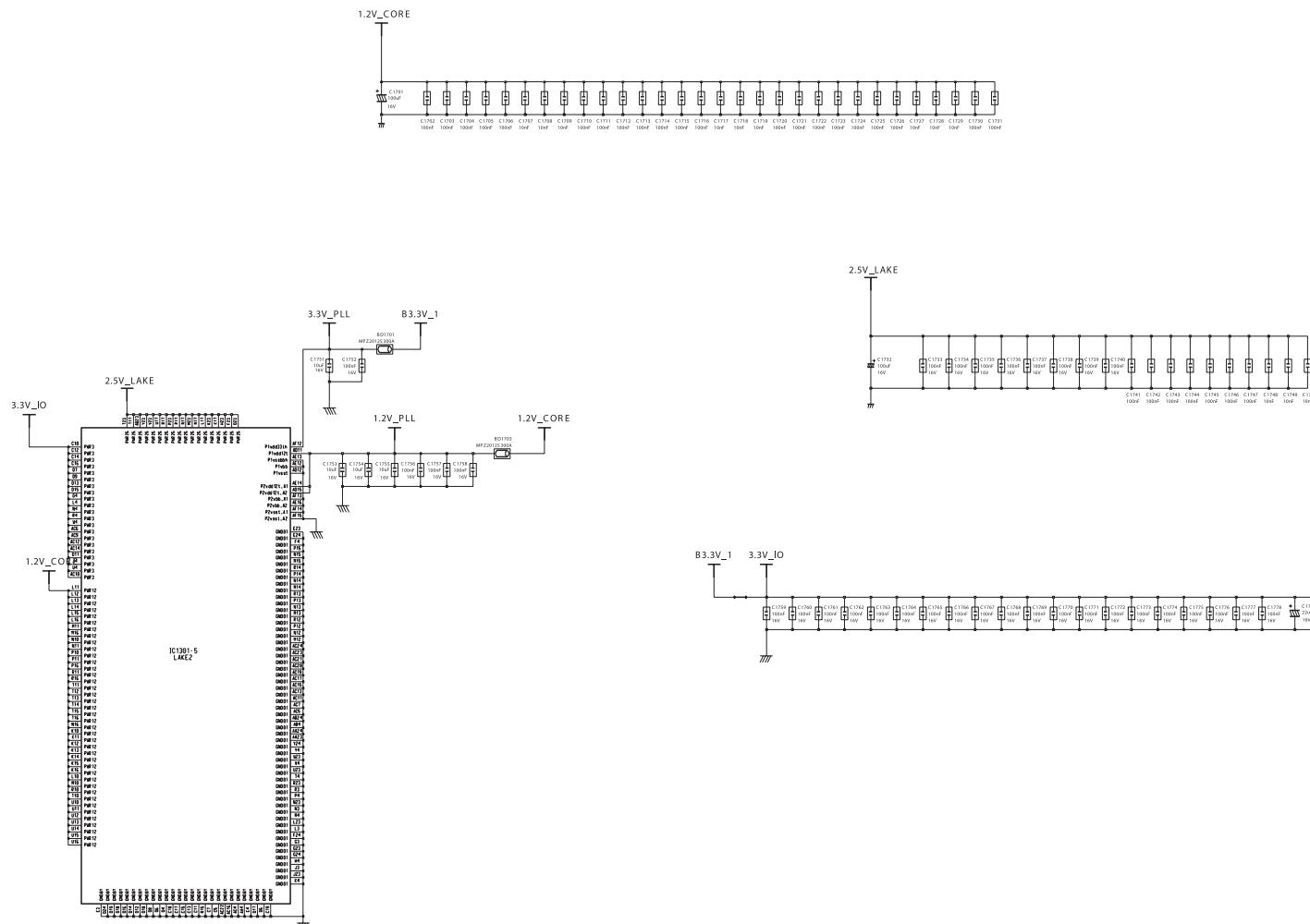
9-1-15 LAKE (STATIC MEMORY & DEBUG) Schematic Diagram



9 Schematic Diagrams

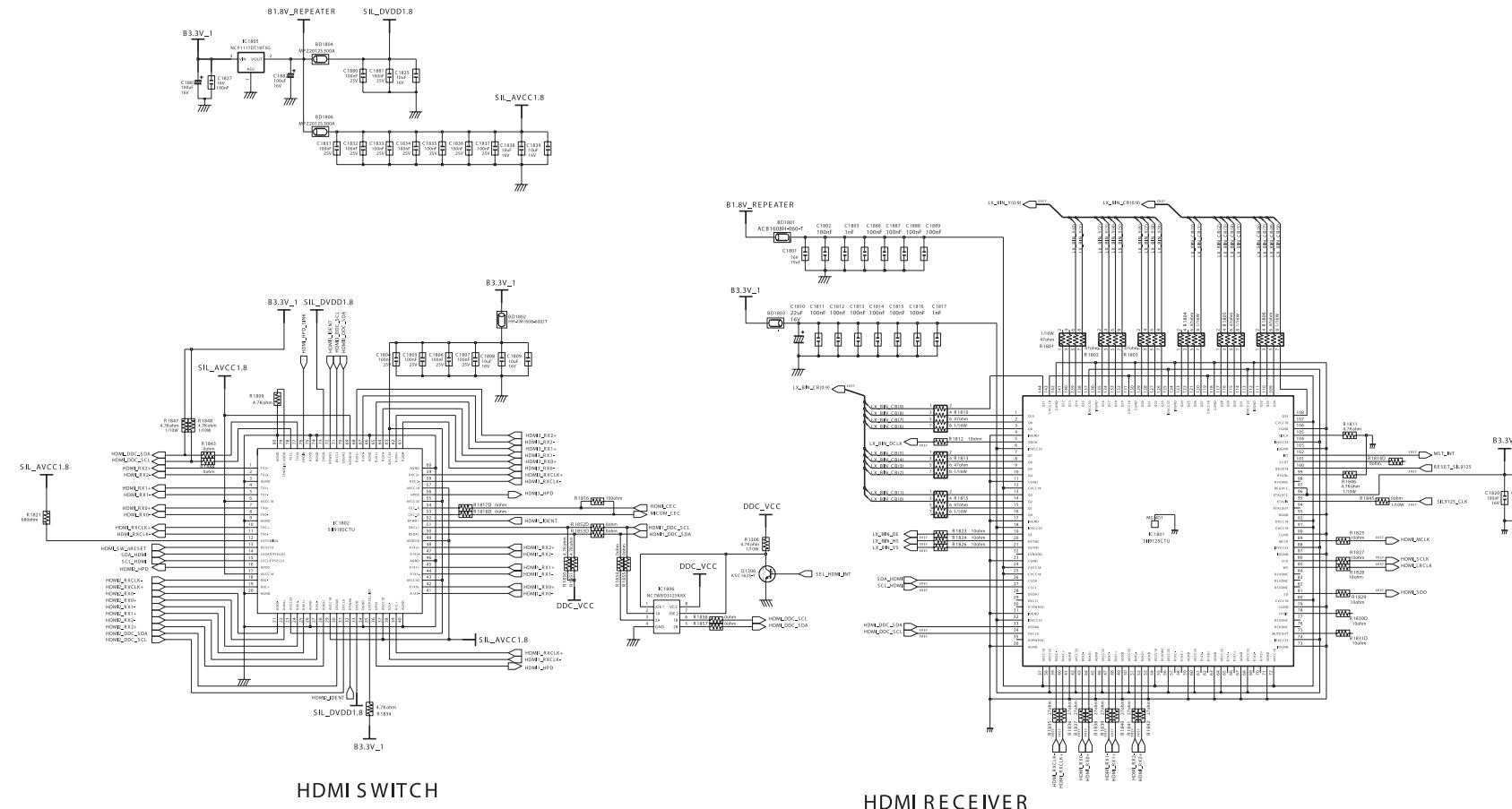
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9-1-16 LAKE (STATIC MEMORY & DEBUG) Schematic Diagram



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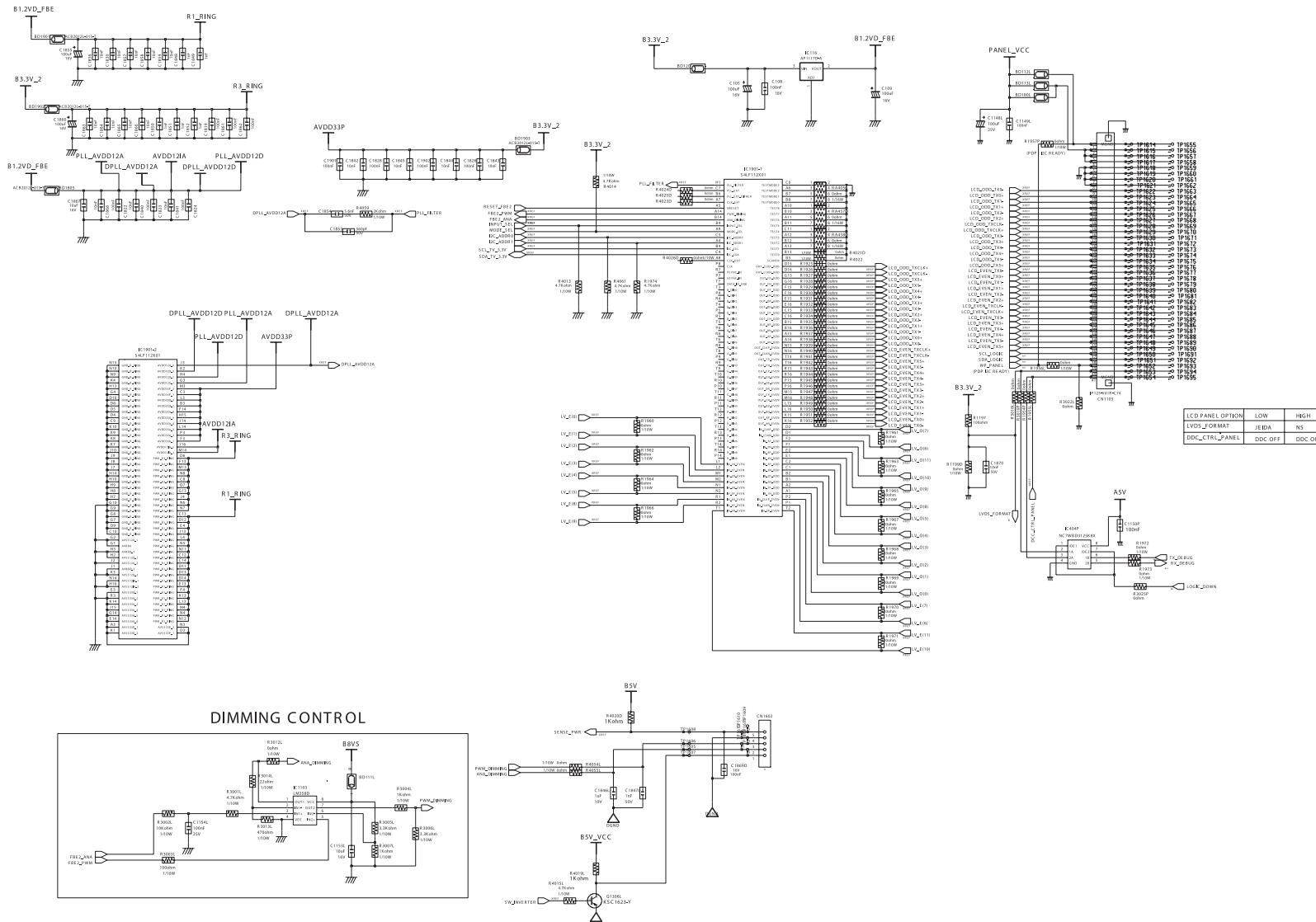
9-1-17 SIL9125(HDMI RX) Schematic Diagram



9 Schematic Diagrams

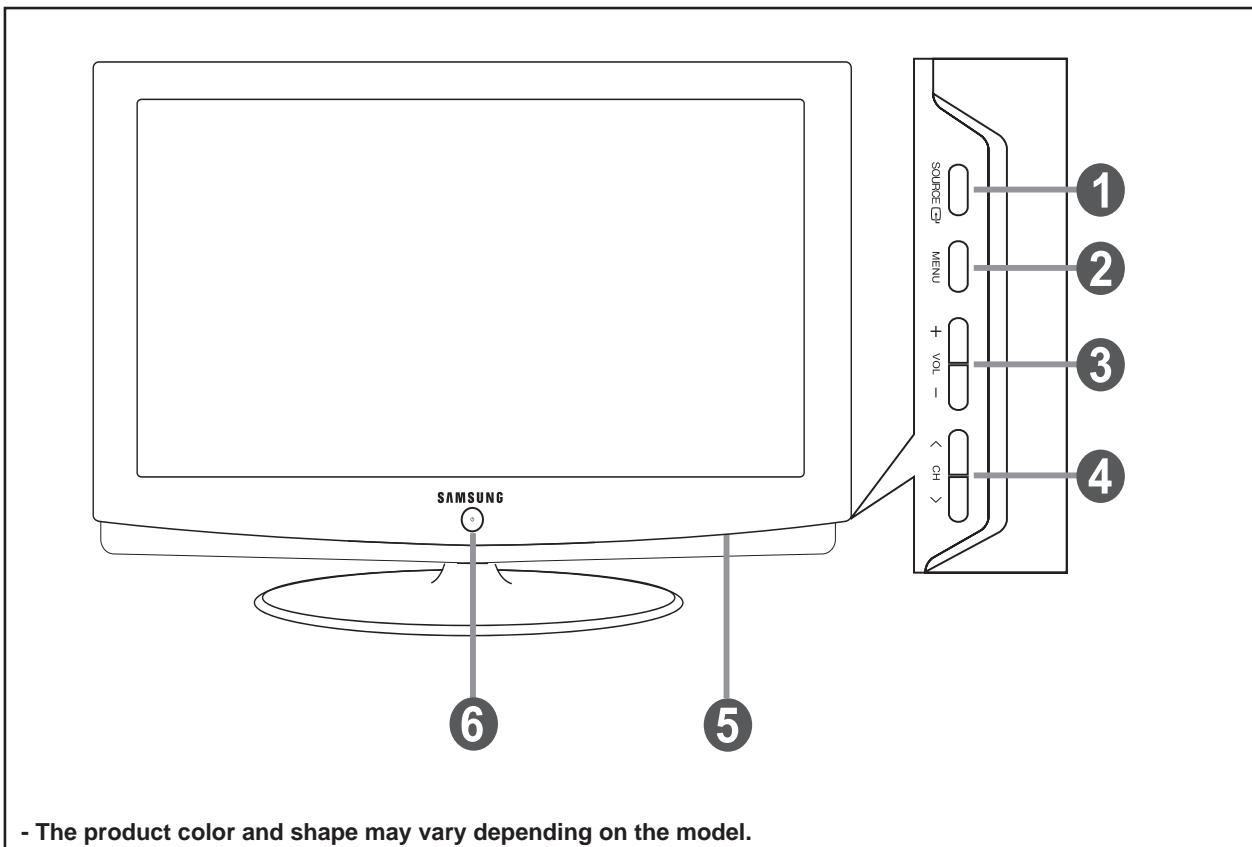
-This Document can not be used without Samsung's authorization.

9-1-18 FBE2(IMAGE_ENHANCER) Schematic Diagram



10 Operating Instructions and Installation

10-1 Front



1. SOURCE

Toggles between all the available input sources (TV, AV1, AV2, S-Video1, S-Video2, Component1, Component2, PC, HDMI1, HDMI2, HDMI3). In the on-screen menu, use this button as you would use the **ENTER** button on the remote control.

4. < CH >

Press to change channels. In the on-screen menu, use the buttons as you would use the ▼ and ▲ buttons on the remote control.

2. MENU

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

5. SPEAKERS

3. + VOL -

Press to decrease or increase the volume. In the on-screen menu, use the + VOL - buttons as you use the ▲ and ▼ buttons on the remote control.

6. ⏪ (POWER)

Press to turn the TV on and off.

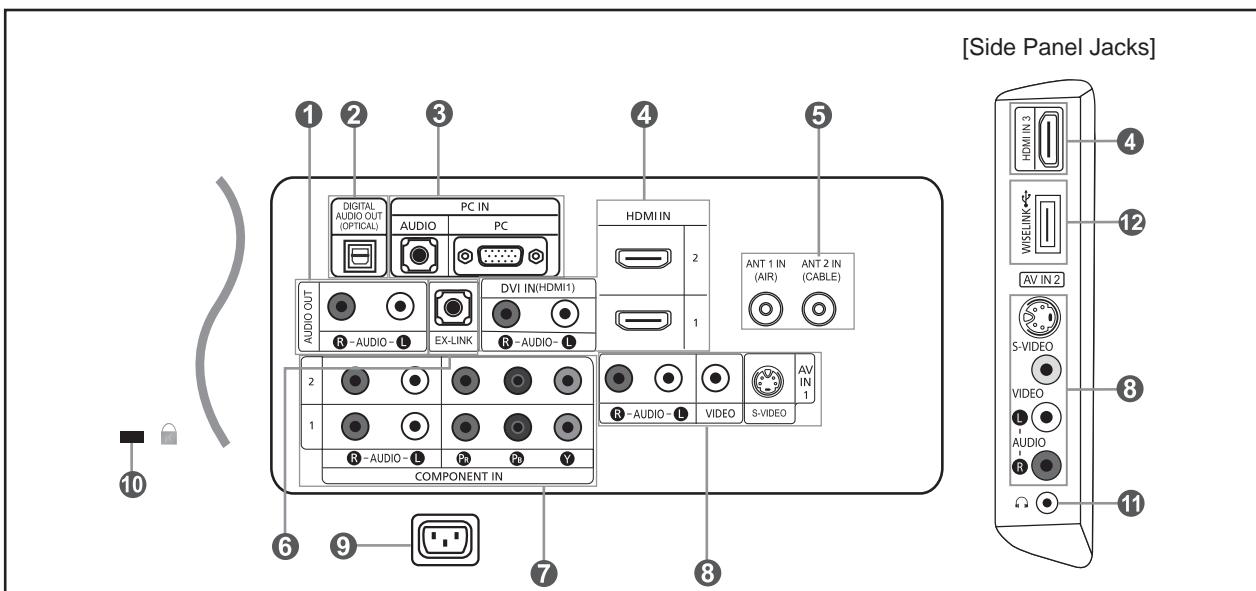
POWER INDICATOR

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

REMOTE CONTROL SENSOR

Aim the remote control towards this spot on the TV.

10-2 Viewing the Connection Panel



1. AUDIO OUT

Connect to the audio input jacks on your Amplifier/ Home theater.

2. DIGITAL AUDIO OUT (OPTICAL)

Connect to a Digital Audio component.

3. PC IN

Connect to the video and audio output jacks on your PC.

4. HDMI IN 1,2,3 /DVI IN(HDMI1) (AUDIO R/L)

Connect to the HDMI jack of a device with an HDMI output.

Use the HDMI/DVI IN terminal for DVI connection to an external device. You should use the DVI to HDMI cable or DVI-HDMI adapter (DVI to HDMI) for video connection, and the DVI IN 'R-AUDIO-L' terminal for audio.

- The HDMI IN 1 terminal does not support PC connection

- No sound connection is needed for an HDMI to HDMI connection
- When using an HDMI/DVI cable connection, you must use the HDMI IN 1 terminal.

5. ANT 1 IN/ANT 2 IN

Connect to an antenna or cable TV system.

6. EX LINK

Connector for Wall Mount Adjustment only.

7. COMPONENT IN 1,2

Connect Component video/audio.

8. AV IN 1 / AV IN 2

Video and audio inputs for external devices, such as a camcorder or VCR.

S-VIDEO

Connect an S-Video signal from a camcorder or VCR.

9. POWER INPUT

Connect the supplied power cord.

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.



11. HEADPHONE

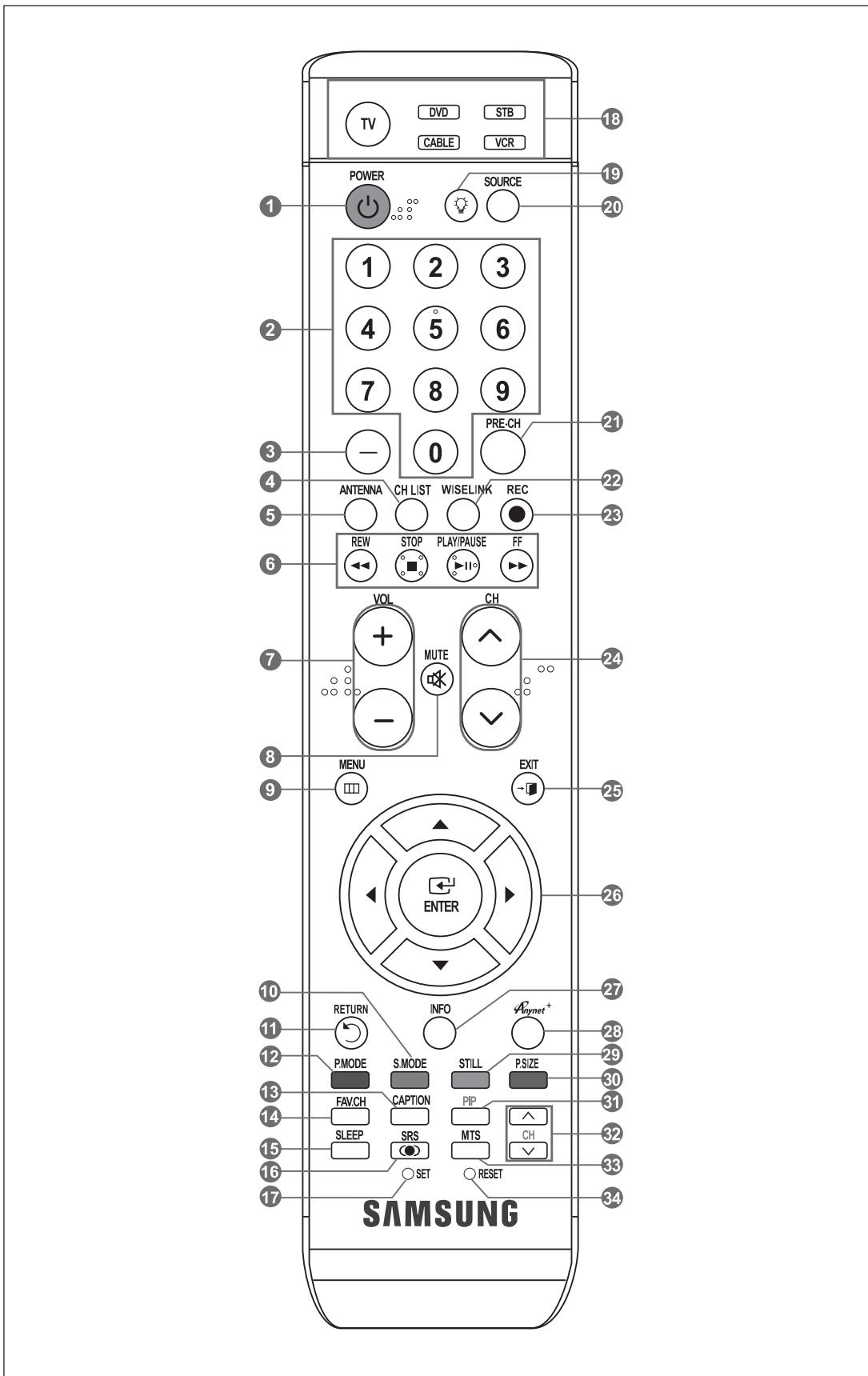
Connect a set of external headphones for private listening.

- The place of the Kensington Lock may be different depending on its model.

12. WISELINK

Connect an USB mass storage device to view photo files(JPEG) and play audio files (MP3).

10-3 Remote Control



1. POWER

Turns the TV on and off.

2. NUMERIC BUTTONS

Press to change the channel.

3. _

Press to select additional channels (digital and analog) being broadcast by the same station.

For example, to select channel "54-3", press "54", then press "_" and "3".

4. CH LIST

Used to display Channel Lists on the screen.

5. ANTENNA

Press to select "AIR" or "CABLE".

6. VCR/DVD Functions

- Rewind
- Stop
- Play/Pause
- Fast/Forward

7. VOL + / VOL -

Press to increase or decrease the volume.

8. MUTE

Press to temporarily cut off the sound.

9. MENU

Displays the main on-screen menu.

10. S.MODE

Sound mode selection.

11. RETURN

Returns to the previous menu.

12. P.MODE

Press to select the picture mode.

13. CAPTION

Controls the caption decoder.

14. FAV.CH

Press to switch to your favorite channels.

15. SLEEP

Press to select a preset time interval for automatic shut off.

16. SRS

Selects SRS TruSurround XT mode.

17. SET

Sets the remote to control your TV, VCR, Cable, DVD, or Set-Top Box

18. TV, DVD, STB, CABLE, VCR

Press to operate your TV,DVD, STB, CABLE (box), or VCR

19. When pressing this button, a number of buttons on the remote control (e.g. TV, DVD, STB, CABLE, VCR, MUTE, VOL and CH buttons) light up for a few seconds and then turn off to save power.

This function is convenient for using the remote at night or when dark.

20. SOURCE

Press to display all of the available video sources.

21. PRE-CH

Tunes to the previous channel.

22. WISELINK

This function enables you to view and play photo (JPEG) and audio files (MP3) from an external device.

23. REC

Records for Live Broadcasting.

24. CH ⌈ / CH ⌉

Press to change channels.

25. EXIT

Press to exit the menu.

26. UP ▲ / DOWN ▼ / LEFT ◀ / RIGHT ▶ / ENTER ↵

Use to select on-screen menu items and change menu values.

27. INFO

Press to display information on the TV screen.

28. Anynet+

Runs the Anynet view functions and sets up Anynet devices.

29. STILL

Press to stop the action during a particular scene.
Press again to resume normal video.

30. P.SIZE

Picture size selection.

31. PIP

Picture-in Picture ON/OFF.

32. CH ^ / ^

Displays the available channels in sequence.
(These buttons change channels in the PIP window only.)

33. MTS

Press to choose stereo, mono or Separate Audio Program (SAP broadcast).

34. RESET

When your remote does not work, change the batteries and press the RESET button for 2-3 seconds before use.

11 Disassembly and Reassembly

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

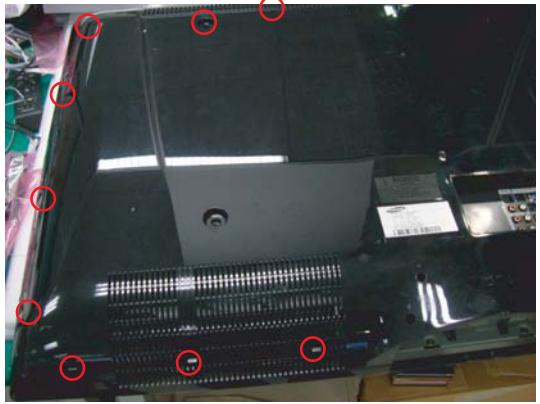
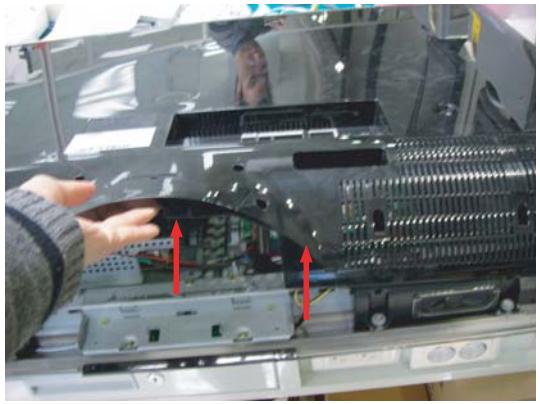
⚠ WARNING : This monitor contains electrostatically sensitive devices. Use caution when handling these components.

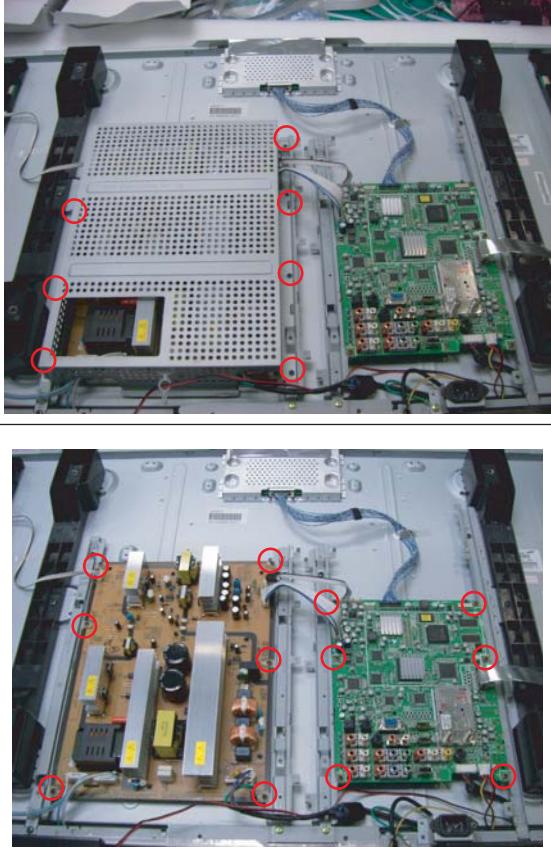
11-1 Disassembly

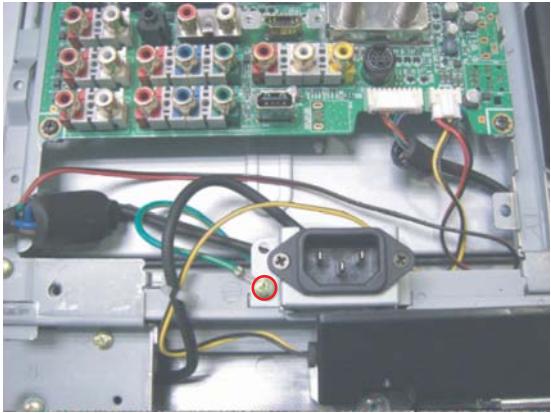
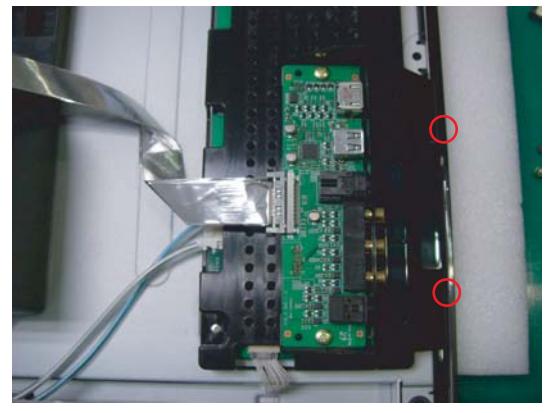
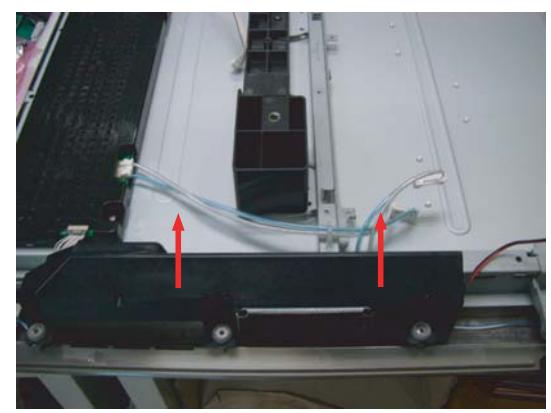
⚠ Cautions :

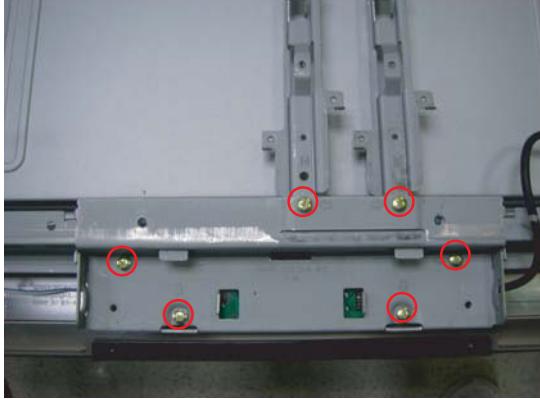
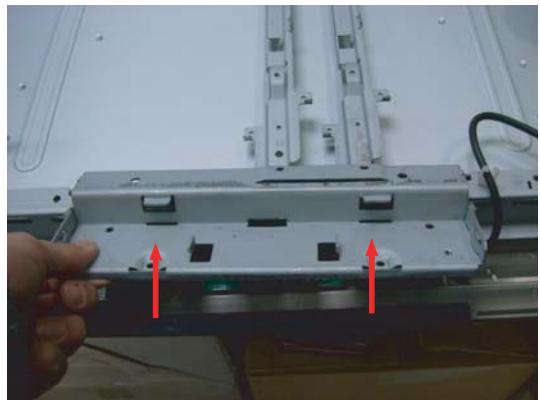
1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

Description	Picture Description
<p>1. Place monitor face down on cushioned table. Remove screws from the Stand. Remove stand.</p>	
	
	

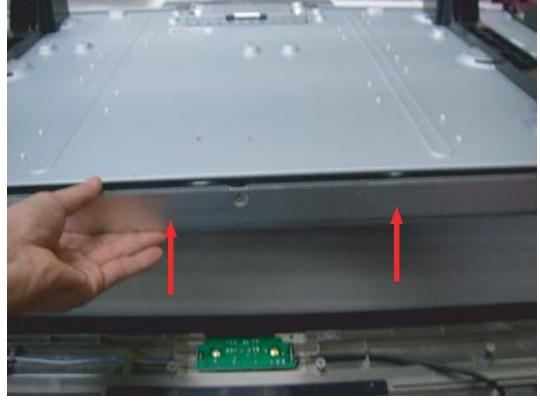
Description	Picture Description
2. Remove the screws of rear-cover.	
	
3. Lift up the rear-cover.	
	

Description	Picture Description
4. Remove the screws of IP board's shield case and boards.	

Description	Picture Description
5. Remove the screws power inlet and Side AV assy. Lift up Left and Right speaker.	
	
	

Description	Picture Description
6. Remove the screws of Stand BKLT. Lift up the Stand BKLT.	
	
	

Description	Picture Description
<p>7. Remove the screws of BKLT. Lift up the BKLT.</p>	

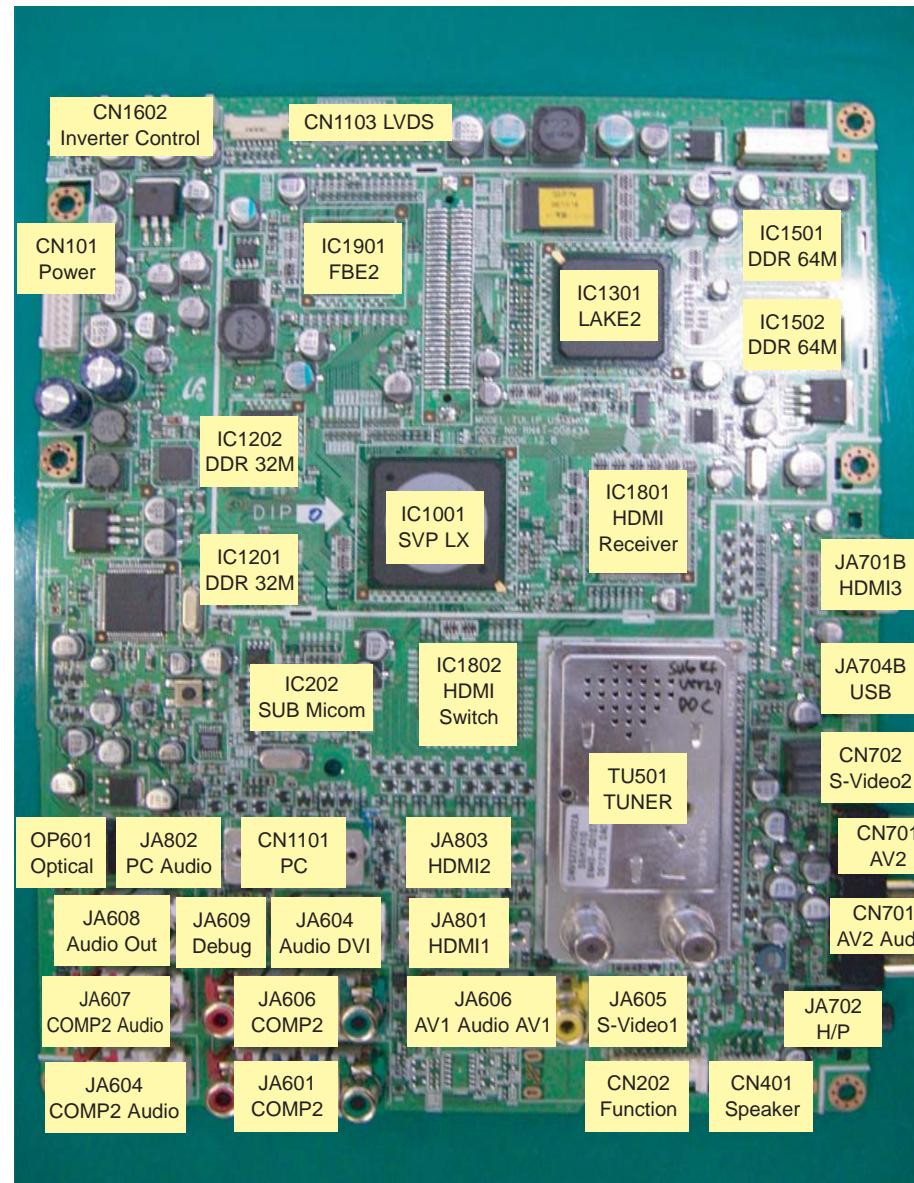
Description	Picture Description
<p>8. Remove the screws of panel's BKLT and lift up the panel. Another TULIP models are almost same to disassemble.</p>	 A photograph showing the internal components of a printer. A metal plate, identified as the BKLT (Bottom Kickout Latch Trim), has been removed from the top of the panel. The panel itself is held in place by several screws. The interior of the printer is visible, showing various boards and mechanical parts.
	 A close-up photograph of the printer's panel. A single screw is highlighted with a red circle, indicating it is the target for removal. The panel is partially disassembled, showing the underlying hardware.
	 Another close-up photograph of the panel, focusing on the same screw that was circled in the previous image. This view shows the screw in its original position before being removed.
	 A photograph showing a person's hand reaching into the printer's frame. Two red arrows point upwards, indicating the direction to lift the panel. The panel is being lifted away from the main body of the printer.

11-2 Reassembly

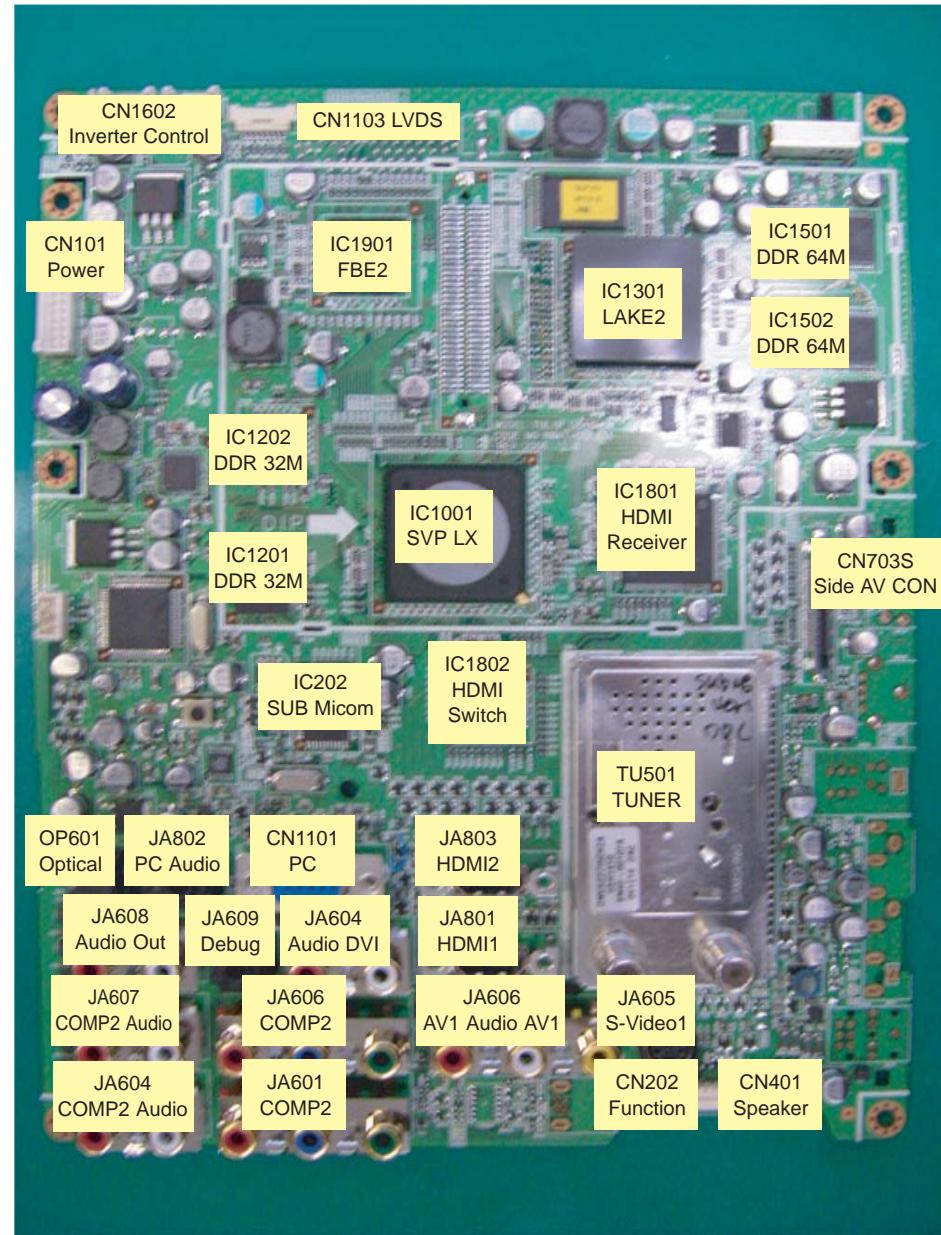
Reassembly procedures are in the reverse order of disassembly procedures.

12 PCB Diagram

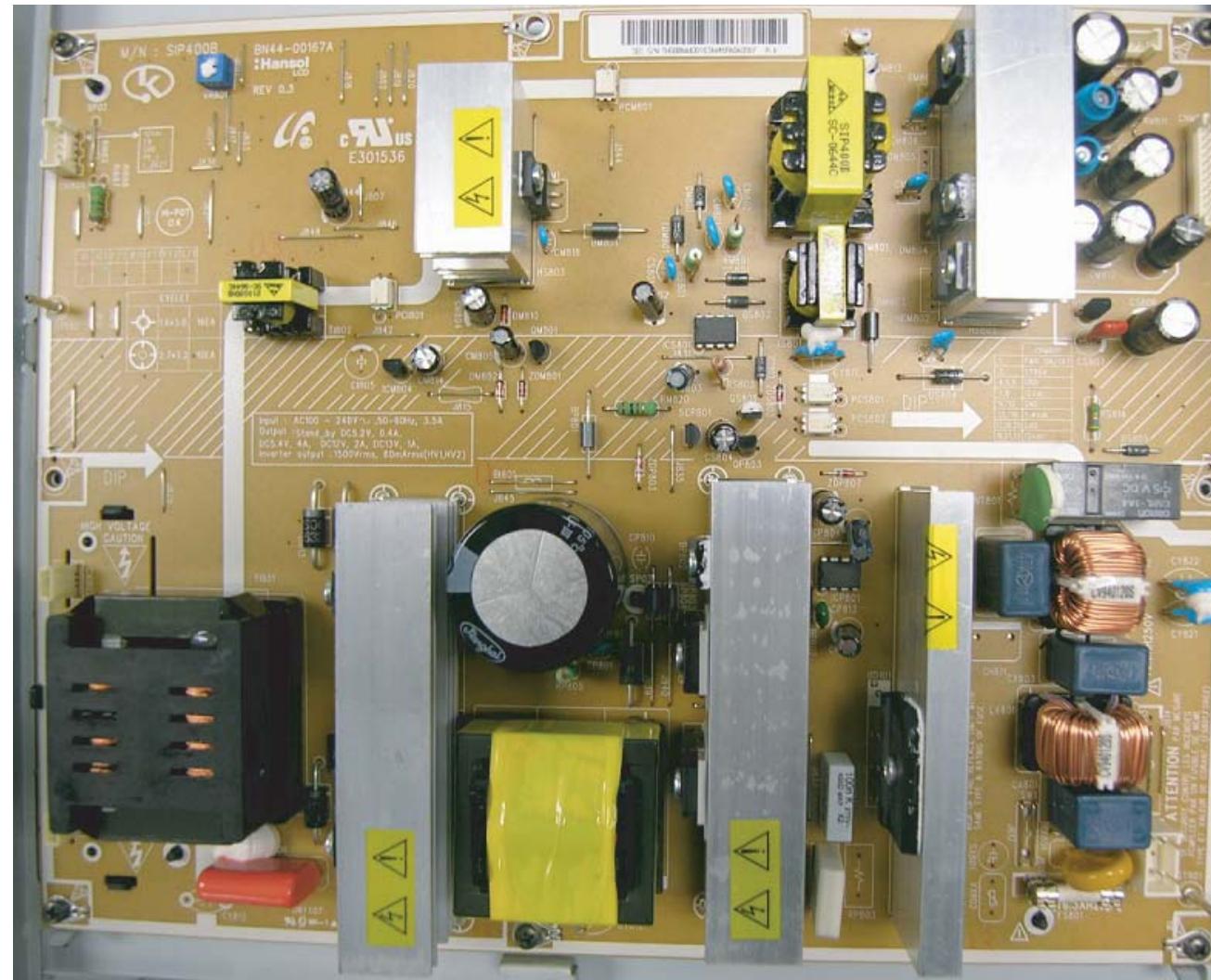
12-1 LNT4061F MAIN PCB Diagram



12-2 LNT4661F MAIN PCB Diagram

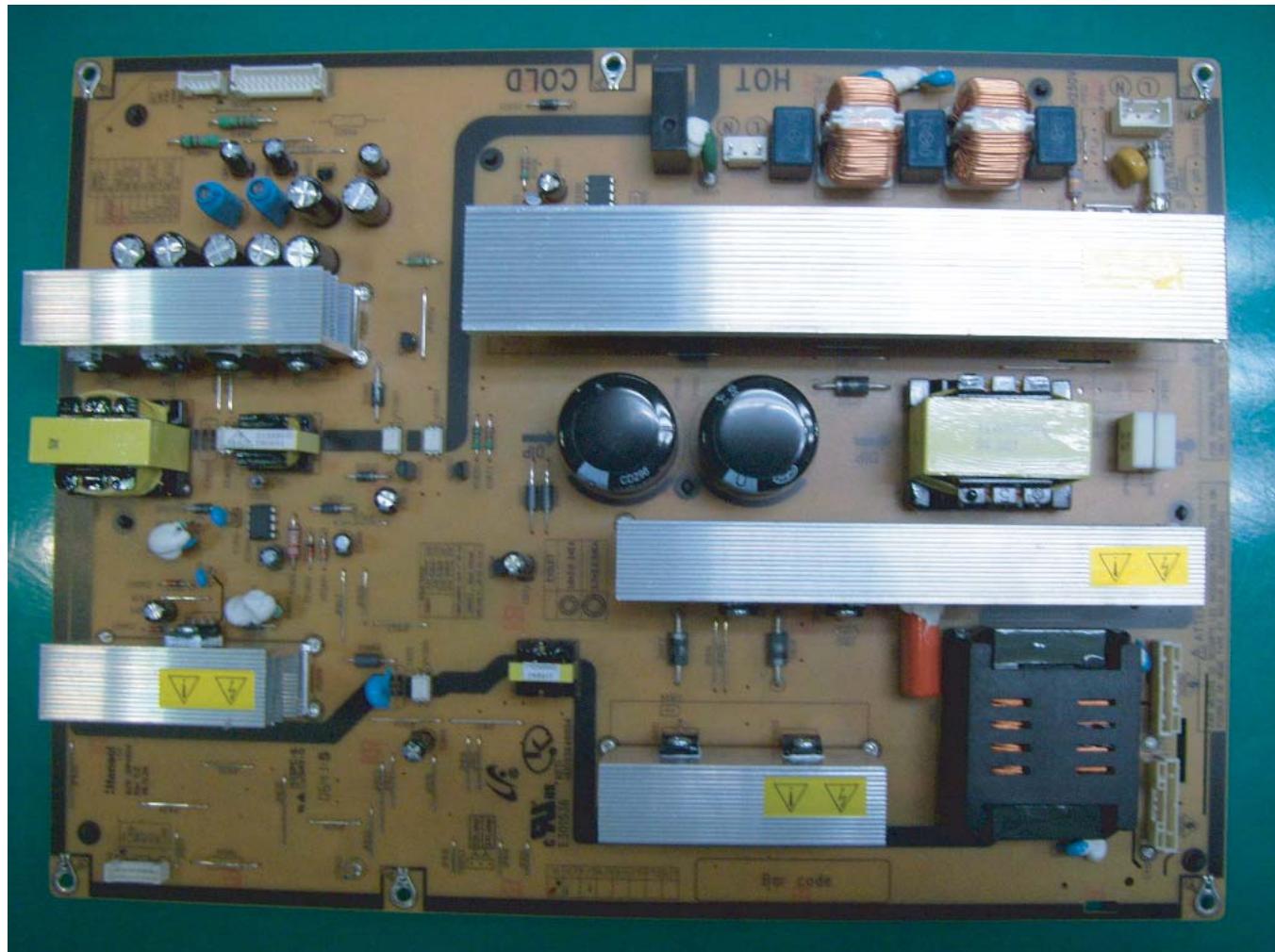


12-3 IP BOARD Diagram 40"



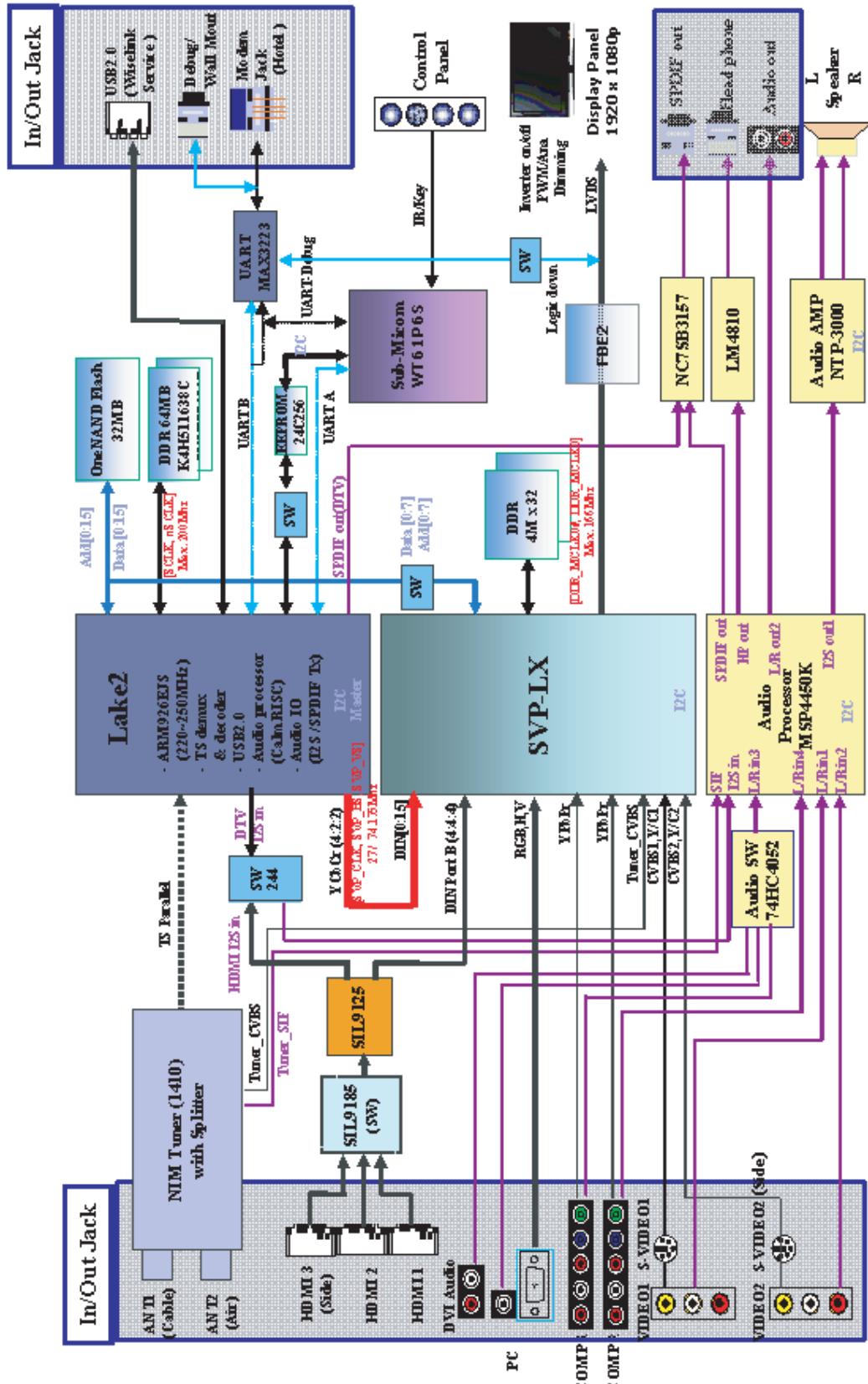
12 PCB Diagram

12-4 IP BOARD Diagram 46"

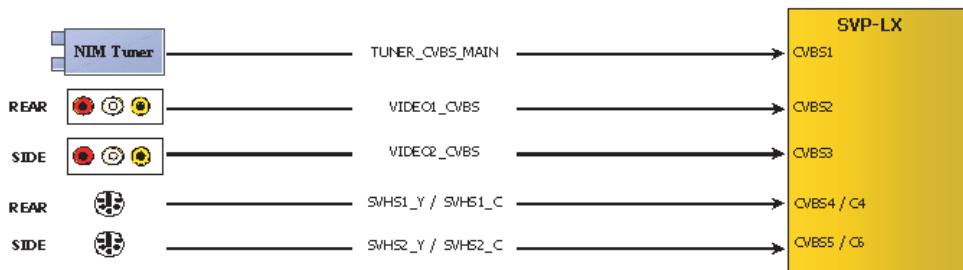
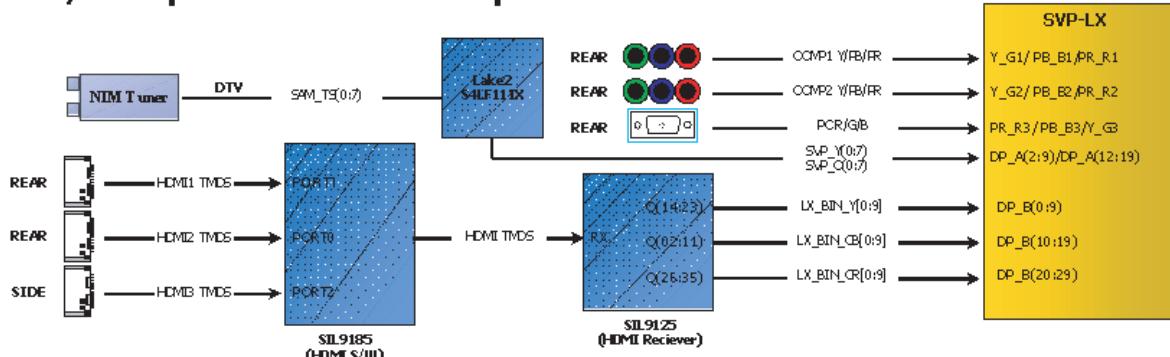
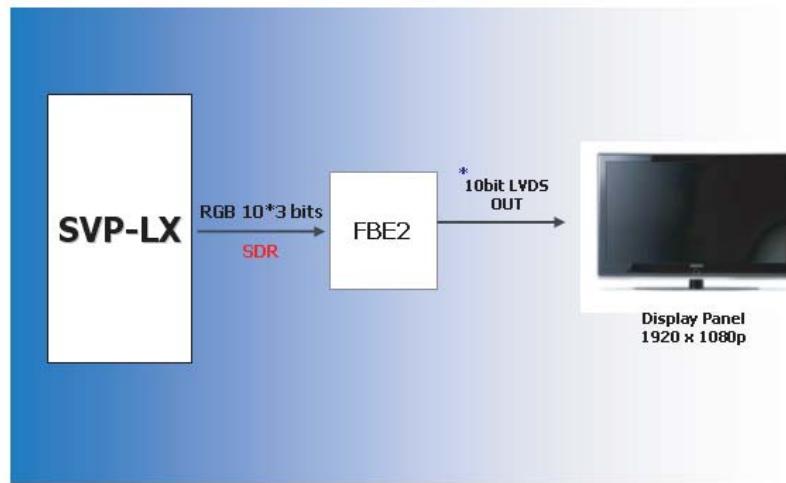


13 Circuit Descriptions

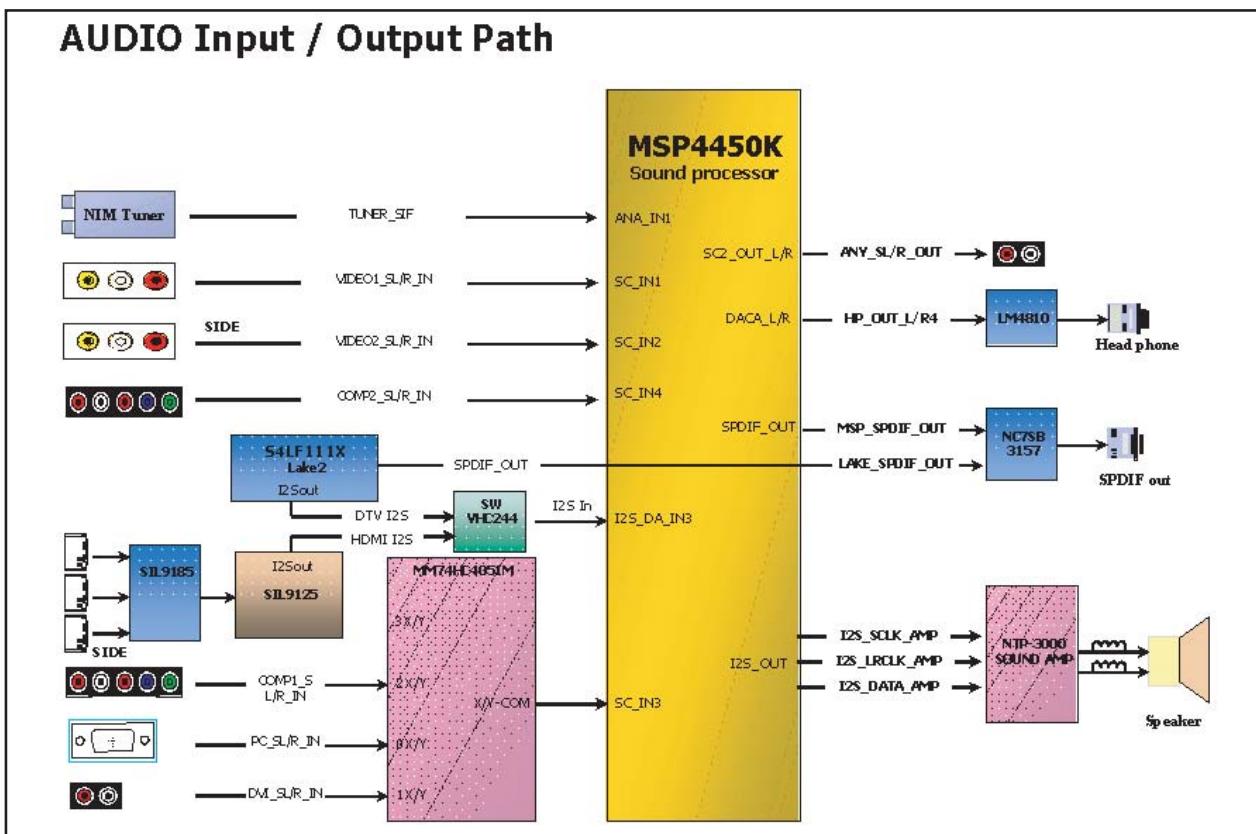
13-1 Main Board Block Description



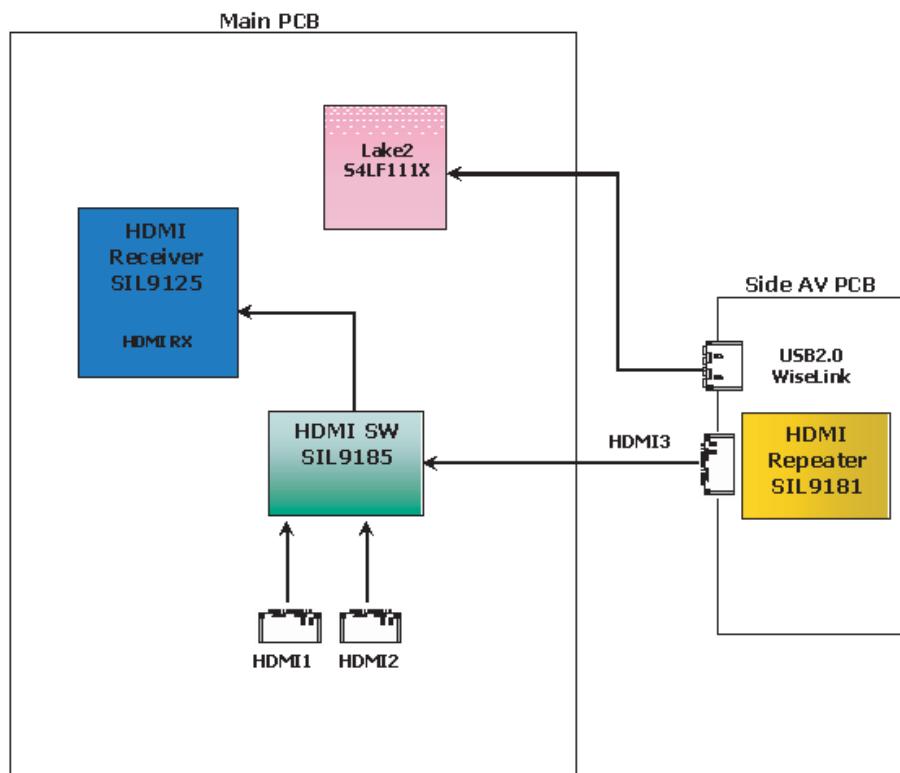
13-2 Video Signal Path

CVBS & S-VHS Input Path**PC, Component & HDMI Input Path****VIDEO Output Path**

13-3 Audio Signal Path



13-3 Side AV Signal Path



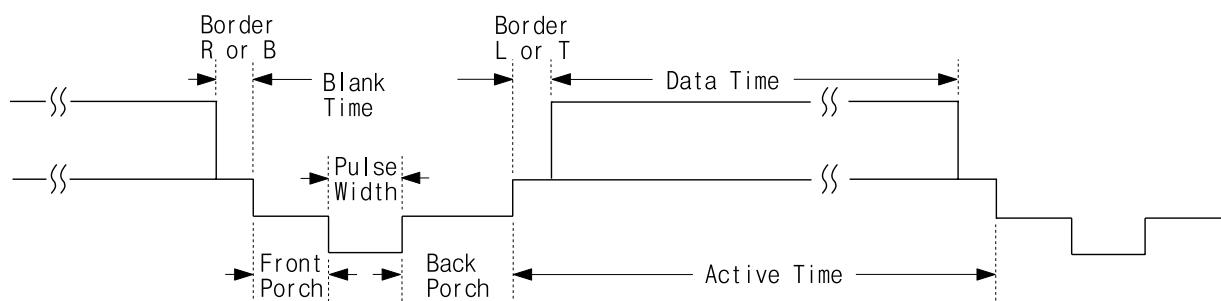
14 Reference Information

14-1 Timing Diagram

14-1-1 'LCD Panel Mode : 1 mode

* N/I : Non-Interlaced, I : Interlaced

Originator Mode Name Resolution (HxV)	VESA 1920/60Hz (Red.Blinking)			
HORIZONTAL Frequency Total time Active time Blank time Border (L / R) Data time Front porch Sync. width Back porch Sync. polarity	66.647kHz 15.005μs 13.850μs 1.154μs 0.000μs 13.504μs 0.346μs 0.231μs 0.577μs Positive	blank	blank	blank
VERTICAL Frequency Total time Active time Blank time Border (T / B) Data time Front porch Sync. width Back porch Sync. polarity	59.988Hz 16.670ms 16.205ms 0.465ms 0.000ms 16.205ms 30.009us 75.023us 360.108us Negative	blank	blank	blank
Dot Clock	138.625MHz			
Sync. Type	Separate			
Scan Type	N/I			



14-1-2 Supported Mode (1)

Originator Mode Name	IBM VGA1	IBM VGA2	IBM VGA3	VESA 640/72Hz	VESA 640/75Hz	VESA 800/56Hz	VESA 800/60Hz
HORIZONTAL							
Frequency	31.469kHz	31.469kHz	31.469kHz	37.861kHz	37.500kHz	35.156kHz	37.879kHz
Total time	31.778 μ s	31.777 μ s	31.778 μ s	26.413 μ s	26.667 μ s	28.444 μ s	26.400 μ s
Active time	26.058 μ s	26.058 μ s	26.058 μ s	20.825 μ s	20.317 μ s	22.222 μ s	20.000 μ s
Blank time	5.720 μ s	5.720 μ s	5.720 μ s	5.588 μ s	6.350 μ s	6.222 μ s	6.400 μ s
Border (L / R)	0.318 μ s	0.318 μ s	0.318 μ s	0.254 μ s	0.000 μ s	0.000 μ s	0.000 μ s
Data time	25.422 μ s	25.422 μ s	25.422 μ s	20.317 μ s	20.317 μ s	22.222 μ s	20.000 μ s
Front porch	0.318 μ s	0.318 μ s	0.318 μ s	0.508 μ s	0.508 μ s	0.667 μ s	1.000 μ s
Sync. width	3.813 μ s	3.813 μ s	3.813 μ s	1.270 μ s	2.032 μ s	2.000 μ s	3.200 μ s
Back porch	1.589 μ s	1.589 μ s	1.589 μ s	3.810 μ s	3.810 μ s	3.556 μ s	2.200 μ s
Sync. polarity	Positive	Negative	Negative	Negative	Negative	Positive or Negative	Positive
VERTICAL							
Frequency	70.086Hz	70.087Hz	59.940Hz	72.809Hz	75.000Hz	56.250Hz	60.317Hz
Total time	14.268ms	14.268ms	16.683ms	13.735ms	13.333ms	17.778ms	16.579ms
Active time	11.504ms	13.155ms	15.761ms	13.100ms	12.800ms	17.067ms	15.840ms
Blank time	2.764ms	1.113ms	0.922ms	0.635ms	0.533ms	0.711ms	0.739ms
Border (T / B)	0.191ms	0.222ms	0.254ms	0.211ms	0.000ms	0.000ms	0.000ms
Data time	11.122ms	12.711ms	15.253ms	12.678ms	12.800ms	17.067ms	15.840ms
Front porch	0.985ms	0.191ms	0.064ms	0.026ms	0.027ms	0.028ms	0.026ms
Sync. width	0.064ms	0.064ms	0.064ms	0.079ms	0.080ms	0.057ms	0.106ms
Back porch	1.716ms	0.858ms	0.794ms	0.528ms	0.427ms	0.626ms	0.607ms
Sync. polarity	Negative	Positive	Negative	Negative	Negative	Positive or Negative	Positive
Dot Clock	25.175MHz	28.322MHz	25.175MHz	31.500MHz	31.500MHz	36.000MHz	40.000MHz
Sync. Type	Separate N/I	Separate N/I	Separate N/I	Separate N/I	Separate N/I	Separate N/I	Separate N/I
Scan Type							

Originator Mode Name	VESA 800/72Hz	VESA 800/75Hz	VESA 1024/60Hz	VESA 1024/70Hz	VESA 1024/75Hz	VESA 1280/60Hz	VESA 1280/75Hz
HORIZONTAL							
Frequency	48.077kHz	46.875kHz	48.363kHz	56.476kHz	60.023kHz	63.981kHz	79.976kHz
Total time	20.800 μ s	21.333 μ s	20.677 μ s	17.707 μ s	16.660 μ s	11.852 μ s	12.504 μ s
Active time	16.000 μ s	16.162 μ s	15.754 μ s	13.653 μ s	13.003 μ s	9.259 μ s	9.481 μ s
Blank time	4.800 μ s	5.171 μ s	4.923 μ s	4.054 μ s	3.657 μ s	3.778 μ s	3.023 μ s
Border (L / R)	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s	0.000 μ s
Data time	16.000 μ s	16.162 μ s	15.754 μ s	13.653 μ s	13.003 μ s	9.259 μ s	9.481 μ s
Front porch	1.120 μ s	0.323 μ s	0.369 μ s	0.320 μ s	0.203 μ s	0.444 μ s	0.119 μ s
Sync. width	2.400 μ s	1.616 μ s	2.092 μ s	1.813 μ s	1.219 μ s	1.037 μ s	1.067 μ s
Back porch	1.280 μ s	3.232 μ s	2.462 μ s	1.920 μ s	2.235 μ s	2.296 μ s	1.837 μ s
Sync. polarity	Positive	Positive	Negative	Negative	Positive	Positive	Positive
VERTICAL							
Frequency	72.188Hz	75.000Hz	60.004Hz	70.069Hz	75.029Hz	60.020Hz	75.025Hz
Total time	13.853ms	13.333ms	16.666ms	14.272ms	13.328ms	16.005ms	13.329ms
Active time	12.480ms	12.800ms	15.880ms	13.599ms	12.795ms	15.630ms	12.804ms
Blank time	1.373ms	0.533ms	0.786ms	0.673ms	0.533ms	0.375ms	0.525ms
Border (T / B)	0.000ms	0.000ms	0.000ms	0.000ms	0.000ms	0.000ms	0.000ms
Data time	12.480ms	12.800ms	15.880ms	13.599ms	12.795ms	15.630ms	12.804ms
Front porch	0.770ms	0.021ms	0.062ms	0.053ms	0.017ms	0.016ms	0.013ms
Sync. width	0.125ms	0.064ms	0.124ms	0.106ms	0.050ms	0.047ms	0.038ms
Back porch	0.478ms	0.448ms	0.600ms	0.513ms	0.466ms	0.594ms	0.475ms
Sync. polarity	Positive	Positive	Negative	Negative	Positive	Positive	Positive
Dot Clock	50.000MHz	49.500MHz	65.000MHz	75.000MHz	78.750MHz	108.00MHz	135.00MHz
Sync. Type	Separate N/I	Separate N/I	Separate N/I	Separate N/I	Separate N/I	Separate N/I	Separate N/I
Scan Type							

14-2 Technical Terms

- TFT-LCD

(Thin film Transistor Liquid Crystal Display)

ADC(Analog to Digital Converter)

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

- PLL(Phase Locked Loop)

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

- Inverter

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

- AC Adapter

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

- SMPS(Switching Mode Power Supply)

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

- FRC(Frame Rate Controller)

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

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

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

- Image Scaler

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

- Auto Configuration(Auto adjustment)

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

- OSD(On Screen Display)

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

- Image Lock

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

- FINE

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

- COARSE

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

- 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.

- 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.

- WISELINK

This function enables you to view and listen to photo (JPEG) and audio files (MP3)saved on a USB Mass Storage Class (MSC) device.

- Anynet+

Anynet + is an AV networking system that makes users convenient in using AV equipments through TV. In the environment composed of AV products of Samsung Electronics, Anynet+ controls AV equipments automatically by Anynet+ menu in TV.

14-3 Pin Assignments

14-3-1 Component 1, 2

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

14-3-3 S-Video

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

14-3-2 A/V

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

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		Del 1702FP pro. E4. EH mechanicalCompatible
SEC	LTM190E1-L01	BN07-00057A	EE		DELL 1900 FP
SEC	LTM181E5-L01	BN07-00061A	EF		18" narrow bezel GH18PS
SEC	LTM150XP-L01	BN07-00065A	EG		AMLCD PVA PANEL
SEC	LTM240W1-L02	BN07-00062A	EH		Panel for 15" Wide TV
SEC	LTM170EU-L01	BN07-00071A	EJ		Slim design, TN
SEC	LTM170E5-L04	BN07-00072A	EK		E5-L04 6 bits FRC... for IBM
SEC	LTA220W1-L01	BN07-00074A	EL		Panel for 22" TV
SEC	LTM170E6-L02	BN07-00075A	EM		AMLCD Narrow & slim design 17" PVAmode
SEC	LTM170W1-L01	BN07-00082A	EN		LTM170W1-L01 ZPD panel
SEC	LTM170EH-L01	BN07-00080A	EP		LTM170EH-L01 ZPD panel
SEC	LTM170E5-L01	BN07-00081A	EQ		LTM170E5-L01 ZPD panel
SEC	LTM170EH-L05	BN07-00083A	ER		LTM170EH-L05 ZPD panel
SEC	LTM170E5-L03	BN07-00084A	ES		LTM170E5-L03 ZPD panel
SEC	LTM170EU-L01	BN07-00085A	ET		LTM170EU-L01 ZPD panel
SEC	LTM170E5-L04	BN07-00086A	EU		LTM170E5-L04 ZPD panel
SEC	LTM170E6-L02	BN07-00087A	EV		LTM170E6-L02 ZPD panel
SEC	LTM150XH-L06	BN07-00091A	EW		"Color coordinates change for LCD TV"
SEC	LTM153W1-L01	BN07-00092A	EX		AMLCD WIDE 15",9/10
SEC	LTM170W1-L01	BN07-00100A	EY		"Color Coordinates change code management"
SEC	LTM170EH-L05	BN07-00097A	EZ		"LTM170E5-L05 Color Coordinates Change Panel Code"
SEC	LTA400W1-L01	BN07-00109A	S1		"PANEL of AMLCD 40"" TV"
SEC	LTM153W1-L01	BN07-00110A	S2		"Color coordinates change 0.280/0.290, 10000k & ZPD Panel"
SEC	LTM150XH-L06	BN07-00111A	S3		"Color coordinates change 0.280/0.290, 10000k & ZPD Panel"
SEC	LTM170W1-L01	BN07-00112A	S4		"Color coordinates change 0.280/0.290, 10000k & ZPD Panel"
SEC	LTM170EH-L05	BN07-00113A	S5		"Color coordinates change 0.280/0.290, 10000k & ZPD Panel"

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
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 AMLCD, 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	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
SEC	LTA260W2-L01	BN07-00185A	SPZ		AMLCD 26" 16:9 new Panel
SEC	LTM240M1-L01	BN07-00195A	SPH		24" panel with high brightness deveiopment
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
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

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
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
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
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/I/C) 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
SHARP	LQ181E1DG11(A)	BN07-10001C	PA		-
SHARP	LQ150X1LW71	BN07-00067A	PB		SHARP 15" PVA PANEL
HITACHI	TX38D12VC0CAA(A)	BN07-00003A	HA		-
HITACHI	TX43DVCO CAB	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

14 Reference Infomation

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
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 (Narow & 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)
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 developm
(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
CHIMEI	M170E3-L01	BN07-00050A	CA		TN PANEL
CHIMEI	M150X3-L01	BN07-00051A	CB		COMPATIBLE
CHIMEI	M170E4-L01	BN07-00052A	CC		MVA PANEL
CHIMEI	M150X2-L01	BN07-00066A	CD		CHIME 15" PVA PANEL
CHIMEI	M150X3-L01	BN07-00079A	CE		Chimei ZPD panel
CHIMEI	M170E3-L01	BN07-00103A	CF		ZPD Panel code
CHIMEI	M170E4-L01	BN07-00104A	CG		ZPD Panel code
CHIMEI	V296W1-L01	BN07-00120A	CH		MVA
CHIMEI	M170E6-L02	BN07-00126A	CJ		HIGHLAND 17" LOW PANEL
CHIMEI	M190E2-L01	BN07-00131A	CK		GH19AS,BS CHIMEI PANEL
CHIMEI	M150X4-L06	BN07-00137A	CL		15" Narrow & Slim panel
CHIMEI	M170E6-L01	BN07-00133A	CM		"2003-03-11 vendor change"
CHIMEI	M170E6-L01	BN07-00133B	CN		"ZPD derivation panel"
CHIMEI	V201V1-T01	BN07-00135A	CP		"CHIMEI 20.1"" panel development"
CHIMEI	M170E6-L02	BN07-00126B	CQ		"HIGHLAND 17" LOW PANEL ZPD derivation panel"
CHIMEI	M170E6-L05	BN07-00152A	CR		"CMO 17"" new panel development code"
CHIMEI	M170E6-L05	BN07-00152B	CS		"CMO 17"" ZPD panel code derivation"
CHIMEI	M150X4-L06	BN07-00137B	CT		Chimei 15" Narrow & Slim panel ZPD derivation
CHIMEI	M170E5-L05	BN07-00165A	CTH		CMO 17" new panel development code (GOYA2-PJT)
CHIMEI	M170E5-L05	BN07-00165B	CTZ		CMO 17" ZPD panel(GOYA2-PJT)