



TFT-LCD TV

Chassis

GNB23MLA
GNB26MLA
GNB32MLA
GNB40MLA

Model

LN23R71BAX
LN23R71WAX
LN26R71BAX
LN32R71BAX
LN40R71BAX

SERVICE Manual

TFT-LCD TV



Feature

- RF, HDMI, PC(Analog), Component, Video, S-Video
- Brightness : 500cd/m2
- Contrast Ratio:
23"/ 26" : 3000:1, 32"/ 40" : 5000:1
- Response time : 8ms
- Dynamic contrast
- PIP(on COM, PC, HDMI)

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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).

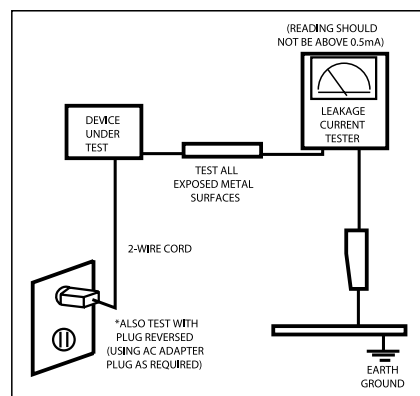


Figure 1-1. Leakage Current Test Circuit

1-1-4 Product Safety Notices

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

1-2 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 Static Electricity 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.

2-2 LN23R71BAX/LN23R71WAX Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 23-Inch viewable, 0.372 (H) x 0.372(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 Ω , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	508.125 mm / 285.696 mm	
AC power voltage & Frequency	AC 110 , 60Hz	
Power Consumption	100 W < 1 W	
Dimensions(W x D x H) Set	594 x 75 x 425.5 mm (23.38 x 2.95 x 16.75 inch)_with out stand 594 x 215.5 x 475.5 mm (23.38 x 8.48 x 18.72)_ with stand	
Weight Set(After installation Stand)	8 kg (17 lbs)	
TV System	Tuning	Frequency Synthesize
	System	NTSC-M
	Sound	MONO, STEREO, SAP
Environmental Considerations	Operating Temperature : 10°C ~ 40°C Operating Humidity : 10 % ~ 80 %, non-condensing Storage Temperature : -20°C ~ 45°C Storage Humidity : 5 % ~ 95 %, non-condensing	
Antenna Input	75 Ω	
Sound Characteristic	-MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz AV : 80 Hz ~ 20 kHz	

2-3 LN26R71BAX Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 26-Inch viewable, 0.372 (H) x 0.372(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 Ω , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	575.77mm / 323.71mm	
AC power voltage & Frequency	AC 110 , 60Hz	
Power Consumption	120 W < 1 W	
Dimensions(W x D x H) Set	675 x 75 x 475.5mm (26.57 x 2.95 x 18.72 inch)_with out stand 675 x 215.5 x 530 mm (26.57 x 8.48 x 20.86 inch)_ with stand	
Weight Set(After installation Stand)	10 kg (23 lbs)	
TV System	Tuning	Frequency Synthesize
	System	NTSC-M
	Sound	MONO, STEREO, SAP
Environmental Considerations	Operating Temperature : 10°C ~ 40°C Operating Humidity : 10 % ~ 80 %, non-condensing Storage Temperature : -20°C ~ 45°C Storage Humidity : 5 % ~ 95 %, non-condensing	
Antenna Input	75 Ω	
Sound Characteristic	-MAX Internal speaker Out : Right : 5W / Left : 5W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz AV : 80 Hz ~ 20 kHz	

2-4 LN32R71BAX Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.372 (H) x 0.372(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 Ω , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	697.68mm / 392.26mm	
AC power voltage & Frequency	AC 110 , 60Hz	
Power Consumption	150 W < 1 W	
Dimensions(W x D x H) Set	800 x 80 x 548.5 mm (31.49 x 3.14 x 21.59 inch)_with out stand 800 x 252 x 603 mm (31.49 x 9.92 x 23.74 inch)_With stand	
Weight Set(After installation Stand)	15 kg (33 lbs)	
TV System	Tuning	Frequency Synthesize
	System	NTSC-M
	Sound	MONO, STEREO, SAP
Environmental Considerations	Operating Temperature : 10°C ~ 40°C Operating Humidity : 10 % ~ 80 %, non-condensing Storage Temperature : -20°C ~ 45°C Storage Humidity : 5 % ~ 95 %, non-condensing	
Antenna Input	75 Ω	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ + 8dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz AV : 80 Hz ~ 20 kHz	

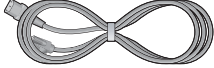
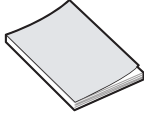
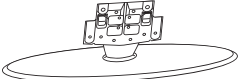
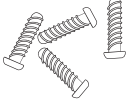
2-5 LN40R71BAX Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.511 (H) x 0.511 (V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) / Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 Ω , internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	885.17 mm / 497.64 mm	
AC power voltage & Frequency	AC 110, 60 Hz	
Power Consumption	210 W < 1 W	
Dimensions(W x D x H) Set	991.5 x 87 x 658.5 mm (39.03 x 3.42 x 25.92 inch)_with out stand 991.5 x 326 x 713 mm (39.03 x 12.83 x 28.07 inch)_with stand	
Weight Set(After installation Stand)	23 kg (50 lbs)	
TV System	Tuning	Frequency Synthesize
	System	NTSC-M
	Sound	MONO, STEREO, SAP
Environmental Considerations	Operating Temperature : 10°C ~ 40°C Operating Humidity : 10 % ~ 80 %, non-condensing Storage Temperature : -20°C ~ 45°C Storage Humidity : 5 % ~ 95 %, non-condensing	
Antenna Input	75 Ω	
Sound Characteristic	-MAX Internal speaker Out : Right : 10W / Left : 10W -BASS Control Range : -8 dB ~ +8 dB -TREBLE Control Range : -8 dB ~ +8 dB -Headphone Out : 10 mW MAX -Output Frequency : RF : 80 Hz ~ 15 kHz AV : 80 Hz ~ 20 kHz	

2-6 Spec Comparison

Model	LN26R71BX/LN32R71BX/LN40R71BX	LN23R71BAX/LN23R71WAX/LN26R71BAX/ LN32R71BAX/LN40R71BAX
Design		
Frequency Horizontal Vertical Display Color	30 ~ 61 kHz 60 ~ 75 Hz 16,777,216 colors	30 ~ 61 kHz 60 ~ 75 Hz 16,777,216 colors
PC Resolution Maximum mode	WXGA, 1360 x 768 @ 60 Hz	1360 x 768 / 60 Hz
Input Signal Sync Signal Video Signal	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm	H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm
Power Consumption Normal Power Saving	100W / 152W / 205W < 1W	100W / 120W / 150W / 210W < 1W
Input source Difference	HDMI	HDMI
PIP	PIP, POP	PIP, POP
Sound Output	3W / 5W / 10W	5W / 10W

2-7 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00604A	
	Power Cord	3903-000144	
	Cleaning Cloth	BN63-001798A	
	Owner's Instructions	BN68-00998E	
	Stand	26" : BN90-00913B 32" : BN90-00842A 40" : BN90-00847A	
	Stand Screw		
	Cover-Bottom	26" : BN63-02323A 32" : BN63-02323A 40" : BN63-02366A	

3 Alignments and Adjustments

3-1 Service Instruction

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

3-2 How to Access Service Mode

3-2-1 Entering Factory Mode

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

- If you do not have Factory remote - control



- If you have Factory remote - control



- The buttons are active in the service mode.

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

3-3 Factory Data

1. Calibration
2. Option Table XXXX XXXX
3. W/B
4. W/B Movie
5. MTK8202
6. FBE2 Option
7. Sound
8. YC Delay
9. Adjust
10. Bus Stop
11. Password 80 80 80 80
12. Checksum 0000
13. Dynamic Contrast
14. Spread Spectrum
15. Reset

HDCP Write Success..

T_BDPMNSA-1000 Aug 04 2006 16:41:30 ----- (Main Micom Ver)

Month/ Day / Year / Hour/ Min./Sec.

Panel On Time(Hour) XXXXX

TV Air 2 XX

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

2. Option Byte

inch Option	32	Carrier Mute	ON	Shop Mode	OFF
Gamma	AUO	Auto FM	ON	Debug	OFF
Panel option	AUO_AMVA	High Dev.	OFF	Dynamic Contrast	OFF
2HDMI	OFF	ACR	OFF	V-Chip	OFF
Brt,Sensor	OFF	Dynamic CE	ON		
EnergySave	ON	Dynamic Dimming	ON		
LBE/FBE	OFF	Color System	Manual		
FRC(Micronas)	OFF	Auto Power	ON		
FRC(Samsung)	OFF	Magazine LNA	OFF		
LNA	OFF	V-Chip Area	US		

3 Alignments and Adjustments

1. Calibration

AV Calibration	EXE
DTV Calibration	EXE
PC Calibration	EXE
HDMI Calibration	EXE

2. Option Table

Inch Option	26"	32"	40"
Gamma	AUO	AUO	AMLCD
Panel Option	AUO	AUO_AMVA	AMLCD_INT
2Hdmi	OFF	OFF	OFF
Brt. Sensor	OFF	OFF	OFF
EnergySave	ON	ON	ON
LBE/FBE	OFF	OFF	OFF
FRC(Micronas)	OFF	OFF	OFF
FRC(Samsung)	OFF	OFF	OFF
LNA	OFF	OFF	OFF
Carrier Mute	ON	ON	ON
Auto FM	ON	ON	ON
High Deviation	OFF	OFF	OFF
ACR	OFF	OFF	OFF
Dynamic CE	ON	ON	ON
Dynamic Dimming	ON	ON	ON
Color System	Manual	Manual	Manual
Auto Power	ON	ON	ON
Magazine LNA	OFF	OFF	OFF
V-Chip Area	US	US	US
Shop Mode	OFF	OFF	OFF
Debug	OFF	OFF	OFF
Dynamic Contrast	OFF	OFF	OFF
V-Chip	OFF	OFF	OFF

3. White Balance

Sub Brightness	104	104	104
R-Offset	122	122	122
G-Offset	128	128	128
B-Offset	129	129	129
Sub Contrast	165	155 --> 140	155 --> 140
R-Gain	137	137	137
G-Gain	128	128	128
B-Gain	136	136	136

4. SVP-PX

ComB Filter Sharpness	Y-Filter	80H
	H2Gain	00H
	H4Gain	0CH
	V2Gain	00H
	V4Gain	0CH
	Sr2Gain	00H
	Sr4Gain	08H
	Sl2Gain	00H
	Sl4Gain	08H
	PeaKTh1	03H
	PeaKTh2	33H
	PeaKTh3	45H
	NR	
	Y_NR_OFF	80H
	C_NR_OFF	80H
	Y_NR_ON	80H
	C_NR_ON	80H

RGB Calibration	R-Offset	23H
	G-Offset	23H
	B-Offset	23H
	R-Gain	9BH
	G-Gain	9BH
	B-Gain	9BH

ADC Calibration	TCD3 Contrast	6AH
	TCD3 Brightness	26H
	TCD3 CR	80H
	TCD3 CB	80H
	TCD3 Delay	00H
	Analog Y Offset	40H
	Analog PB Offset	80H
	Analog PR Offset	80H
	Analog Y Gain	D6H
	Analog PB Gain	FEH
	Analog PR Gain	FEH
	Black Level	00H
	Svp Brightness	00H

3 Alignments and Adjustments

		low	high	delta
Calibration Target	AV ADC	17H	D5H	04H
	COMP ADC	0FH	EBH	02H
	PC ADC	17H	D5H	04H
	ALL RGB	00H	DDH	08H

Color Management	Skin Direction	Reddish
	Skin Enhance	40H

5. Option block

EXE

6. STV8258/STA323W

Ch1 Volume	40H
Ch2 Volume	40H
Stereo Pilot H	23H
Stereo Pilot L	10H
Sap Pilot H	80H
Sap Pilot L	60H
SQTH	70H
CETH	10H
AV Delay	55H
Comp delay	32H
HDMI Delay	32H
PC Delay	32H
L1 Att/Rel Thres	7F

7. Y/C Delay

RF PAL-M	77H
RF PAL-N	64H
RF NTSC	63H
AV PAL-M	76H
AV PAL-N	76H
AV NTSC	54H
S-VIDEO PAL-M	77H
S-VIDEO PAL-N	77H
S-VIDEO NTSC	BBH
Component	88H
PC	88H
HDMI	88H

8. Adjust

Video Mute Time		10
Vol Curve		Large
Melody Volume		4
Ana_Dimm_Max		FEH
LNA PLUS	RFDB-1 Level	2
	RFDB-2 Level	5
	RFDB-3 Level	9
	RFDB-4 Level	24
Hotel Option	Hotel Mode	OFF
	Power On Channel	1
	Power On Volume	10
	Max Volume	100
	Local Key Lock	OFF
	Power On Source	RF

9. I2C Check

EXE

10. W/B MOVIE

WB Movie	OFF
Color Mode	Movie
W1 R Gain	157
W1 B Gain	76
W1 R Offset	119
W1 B Offset	138
W2 R Gain	142
W2 B Gain	48
W2 R Offset	129
W2 B Offset	143
Movie Contrast	80
Movie Brightness	65
Movie Color	35
Movie Sharpness	35
Movie Color Tone	Warm2

3 Alignments and Adjustments

11. Checksum

18EA

12. Reset

EXE

13. Spread Spectrum

Spectrum	ON
Delta	3
Positive	8
Negative	2

3-4 Service Adjustment

3-4-1 White Balance - Calibration

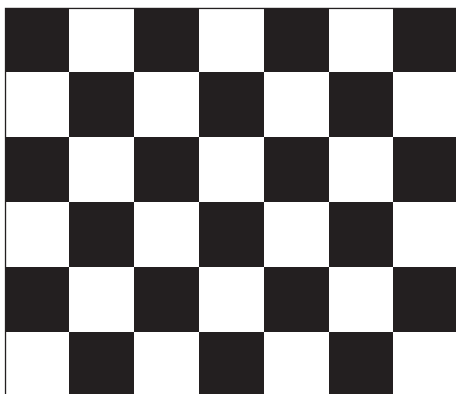
If picture color is wrong, do calibration first.

Equipment : CA210, Patten : chess pattern

Execute calibration in Factory Mode

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

PC : 1024*768/60Hz



(chess patten)

3-4-2 White Balance - Adjustment

If picture color is wrong, check White Balance condition.

Equipment : CA210, Patten : Toshiba

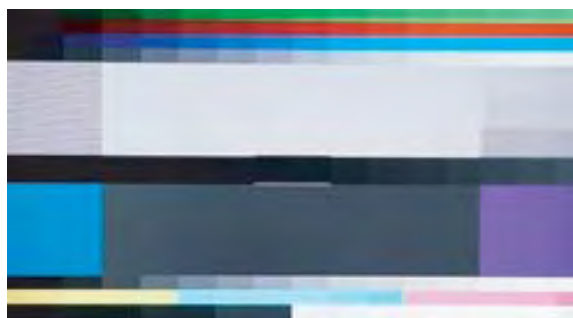
Adjust W/B in Factory Mode

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

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

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

HDMI[DVI] : 1280*720/60Hz



[Test Pattern : MSPG-945 Series Pattern #92]

*Color temperature

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

*Color coordinate

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

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

W/B Patten

3-4-3 Conditions for Measurement

1. On the basis of toshiba ABL pattern : High Light level (57 IRE)
- INPUT SIGNAL GENERATOR : MSPG-925LTH
* Mode NO 1 : 744X484@60 Hz
NO 2 : 744X484@60 Hz
NO 6 : 1280X720@60 Hz
NO 21 : 1024X768@60 Hz
* Pattern NO 36 : 16 Color Pattern
NO 16 : Toshiba ABL Pattern
NO 92 : W/B Pattern
2. Optical measuring device : CA210 (FL)
Please use the MSPG-925 LTH generator for model LE26M51B/LE32M51B/LE40M51B/LE46M51B.

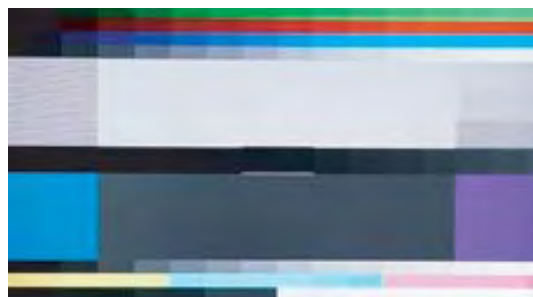
3-4-4 Method of Adjustment

1. Adjust the white balance of AV, Component and DVI Modes.
(AV → Component)
a) Set the input to the mode in which the adjustment will be made
(RF → DTV → PC → DVI).
* Input signal - VIDEO Mode : Model #2 (744*484 Mode), Pattern #16
- DTV,DVI Mode : Model #6 (1280*720 Mode), Pattern #16
- HDMI Mode: Model #6(1280*720 Mode), Pattern #16

b) Enter factory color control, confirm the data.

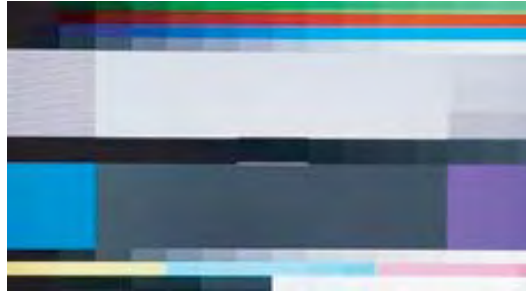
c) Adjust the low light. (Refer to table 1, 2 in adjustment position by mode)
- Adjust sub - Brightness to set the 'Y' value.
- Adjust red offset ('x') and blue offset ('y') to the color coordinates.

Picture 4-2 W/B Patten



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

Picture 4-3 W/B Patten

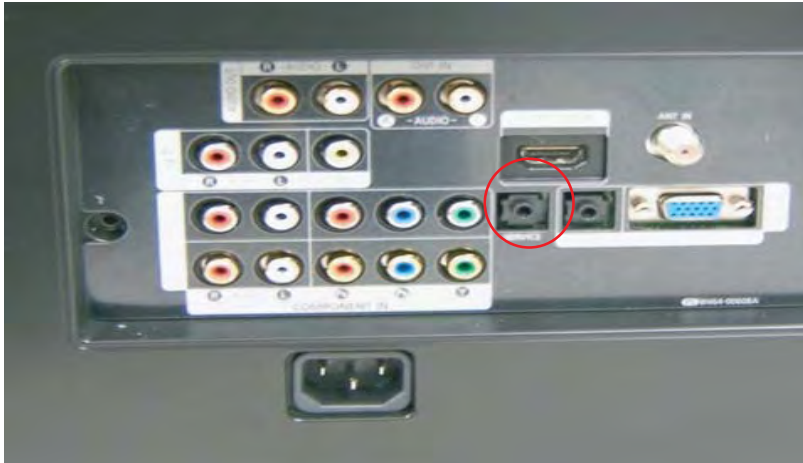


3-5 Software Upgrade

3-5-1 How to Update Flash ROM (with RS-232C Cable)

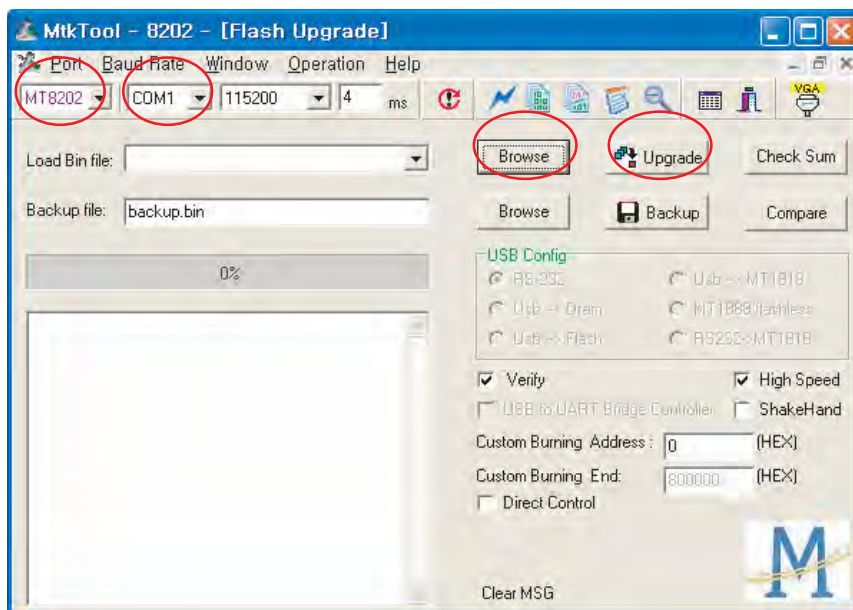
1. Install the Flash Downloader

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



2. Turn on the Set (or on Stand by mode)

- Run "MTKtool"



- Click Reset 

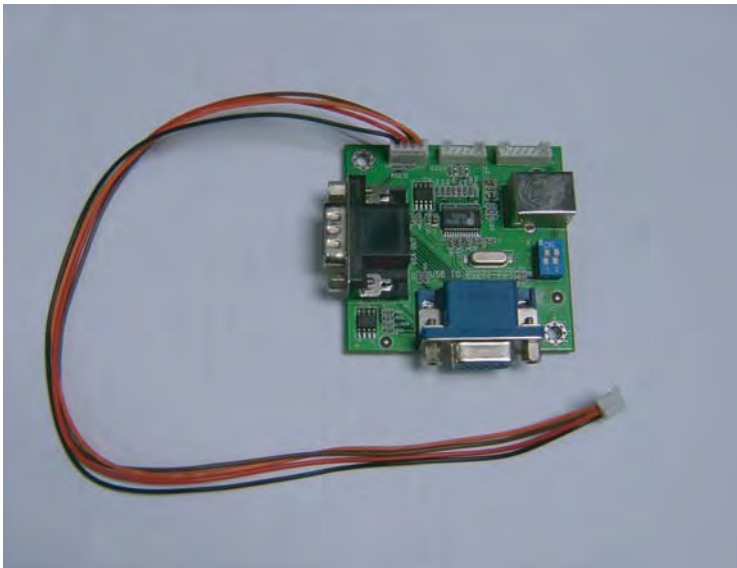
- Choose MT8202 (1)
- Select Com Port (2) (Auto Detect)
- Select Bin file, by browse (3)
- Click Upgrade button (4)

3. Turn off (= AC Power off) the Set (waiting a few seconds) and turn on again.

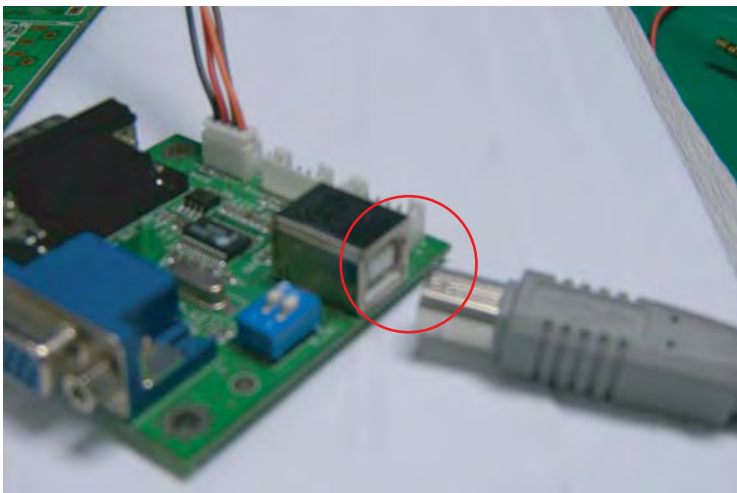
3-5-2 How to Update Flash ROM (with UART JIG)

∅ In the usual cases, Update S/W by using RS-232C Cable.

If some problems occur under this condition, update S/W by using UART JIG.

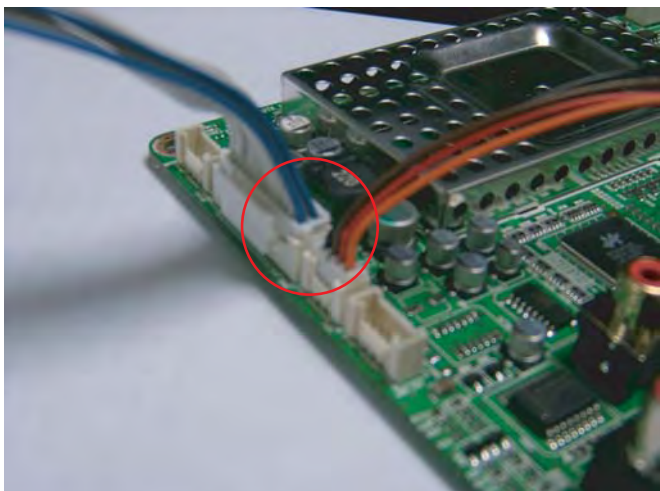


You can use UART JIG with USB Connection.



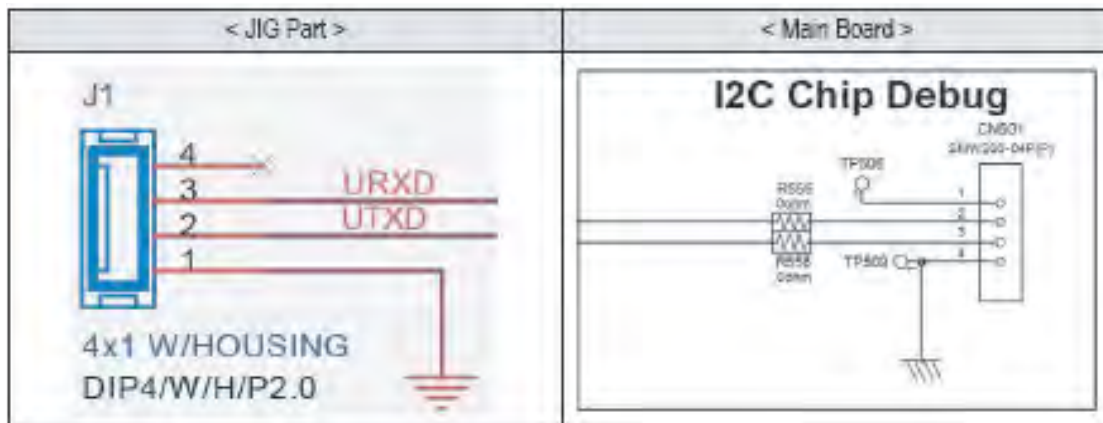
Install  PL-2303 Driver Installer in your PC before using the JIG

Connect 4P Lead connector to Main Board(CN501)



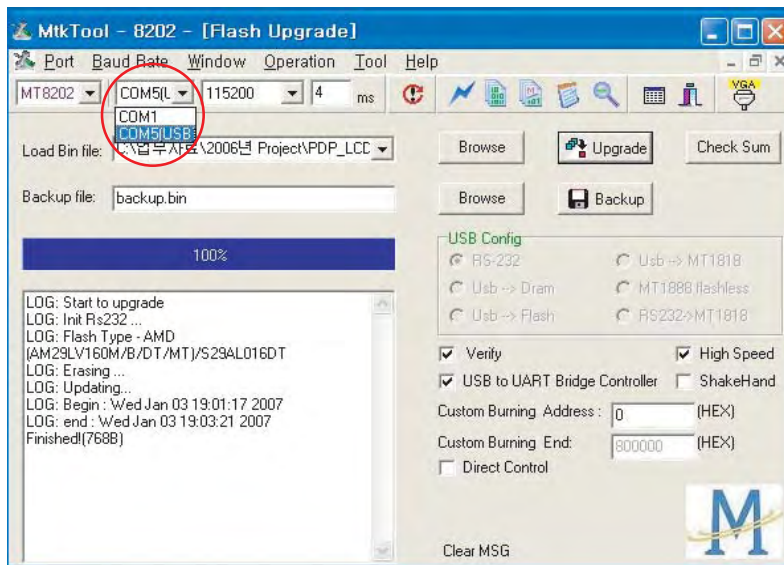
3 Alignments and Adjustments

* Pin Assignment



Turn on the Set (or on Stand by mode)

- Run "MTKtool"



When you run "MTKtool", this Program can detect USB port automatically
Choose USB interface and Update S/W as RS-232C case.

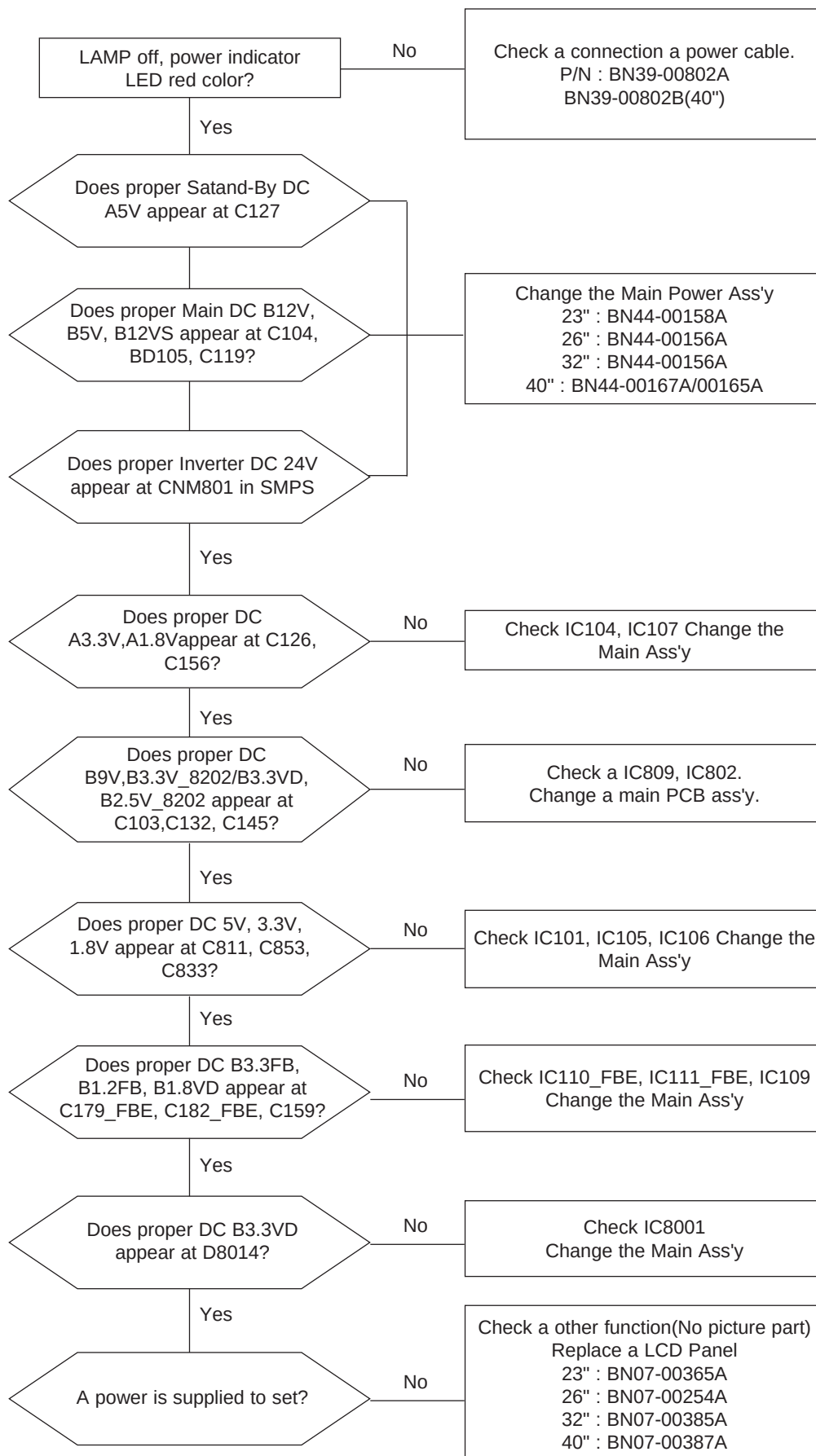
4 Troubleshooting

4-1 First Checklist for Troubleshooting

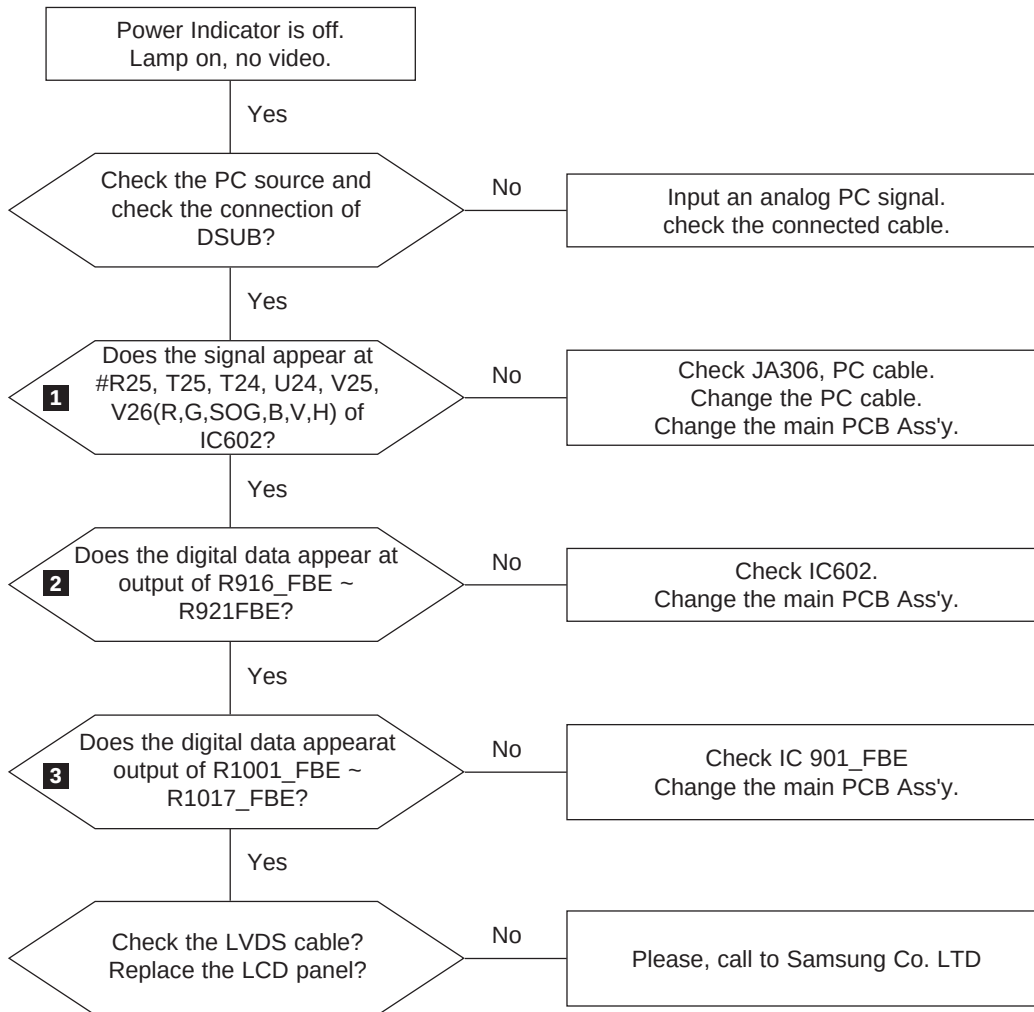
1. Check the various cable connections first.
 - Check to see if there is a burnt or damaged cable.
 - Check to see if there is a disconnected cable connection or a connection is too loose.
 - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the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

4-2 Checkpoints by Error Mode

4-2-1 No Power

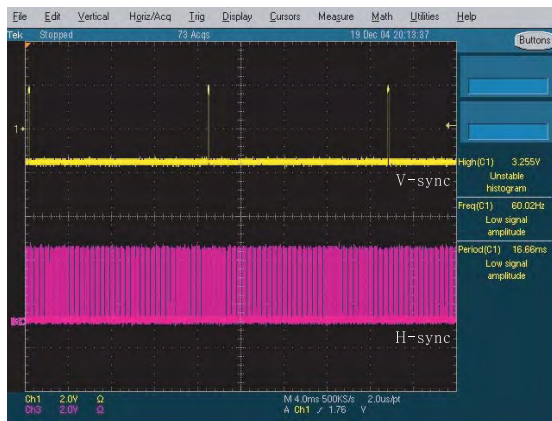


4-2-2 No Video (Analog PC Signal)



WAVEFORMS

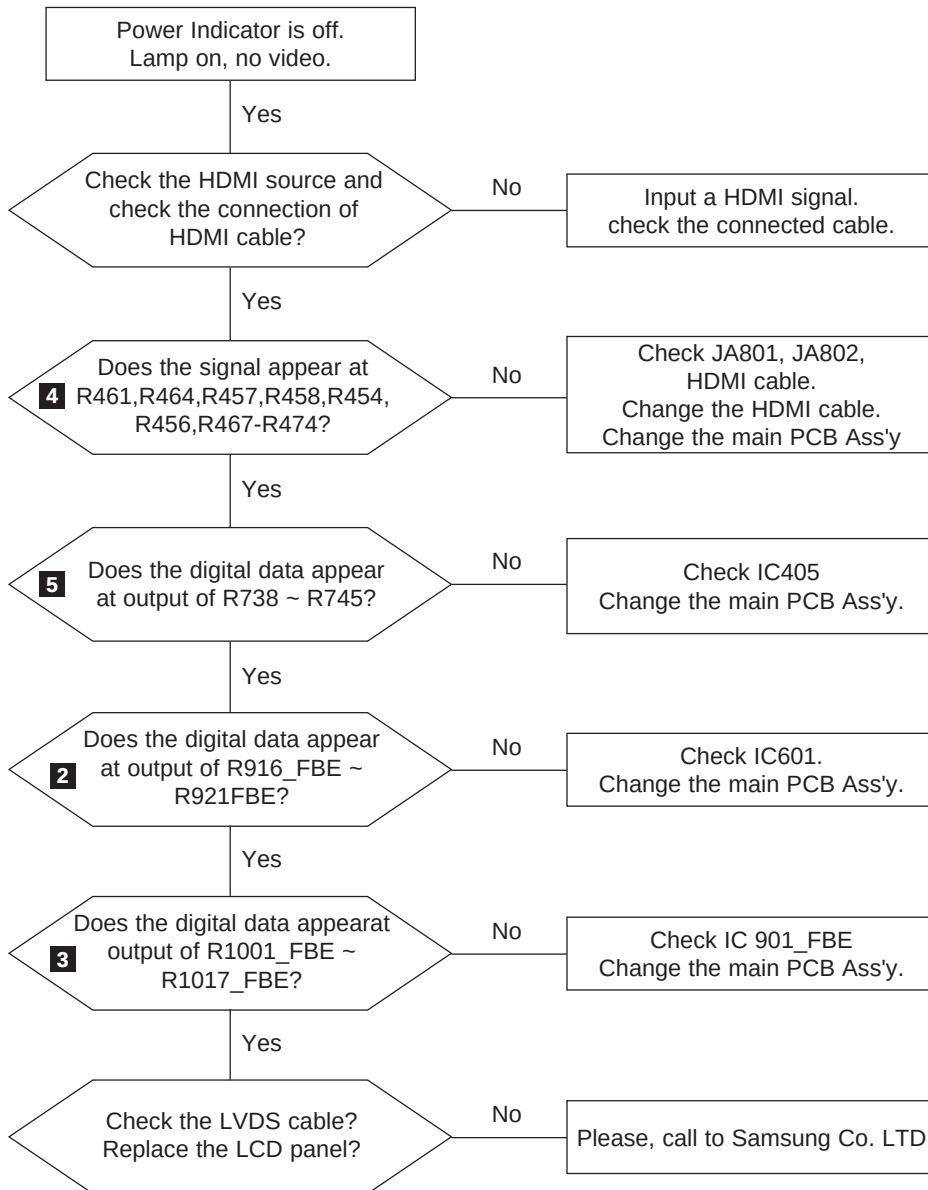
1 2 PC Input (V-Sync, H-Sync)



3 LVDS Out (CLK +/-)

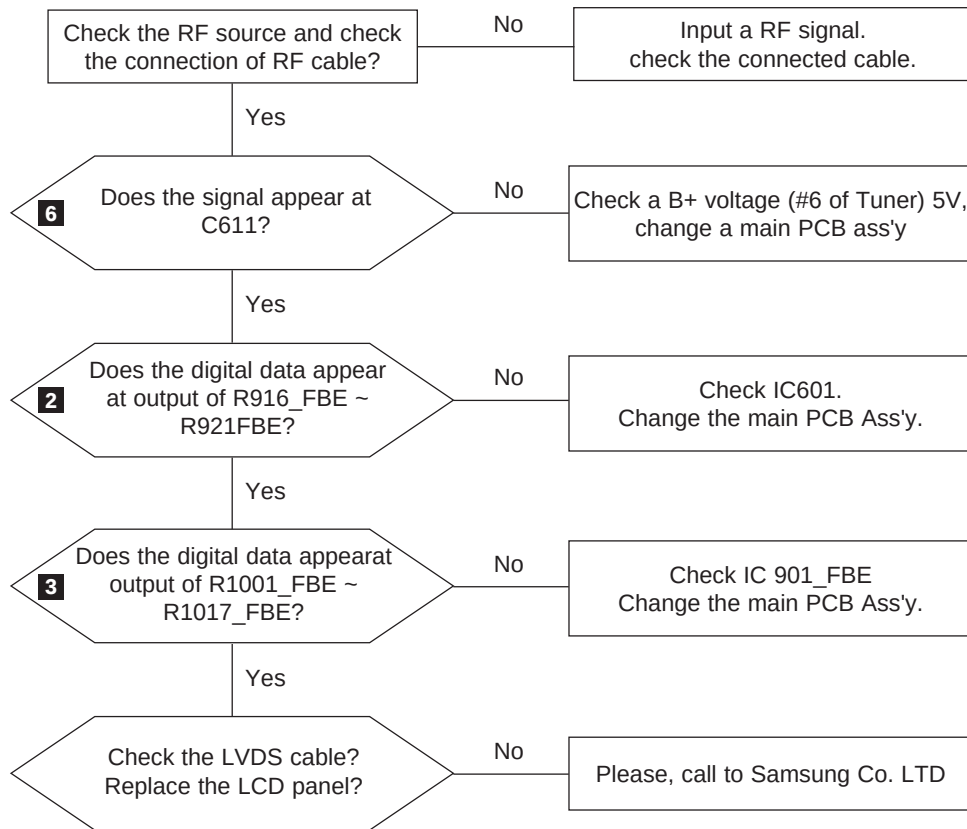


4-2-3 No Video (HDMI - Digital Signal)



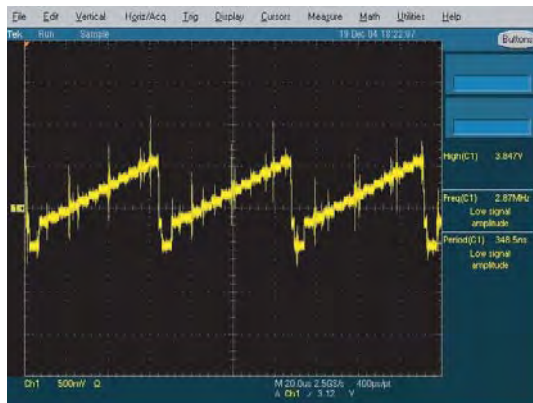
WAVEFORMS**4** **5** HDMI Input (CLK +/-)

4-2-4 No Picture (Tuner_CVBS)

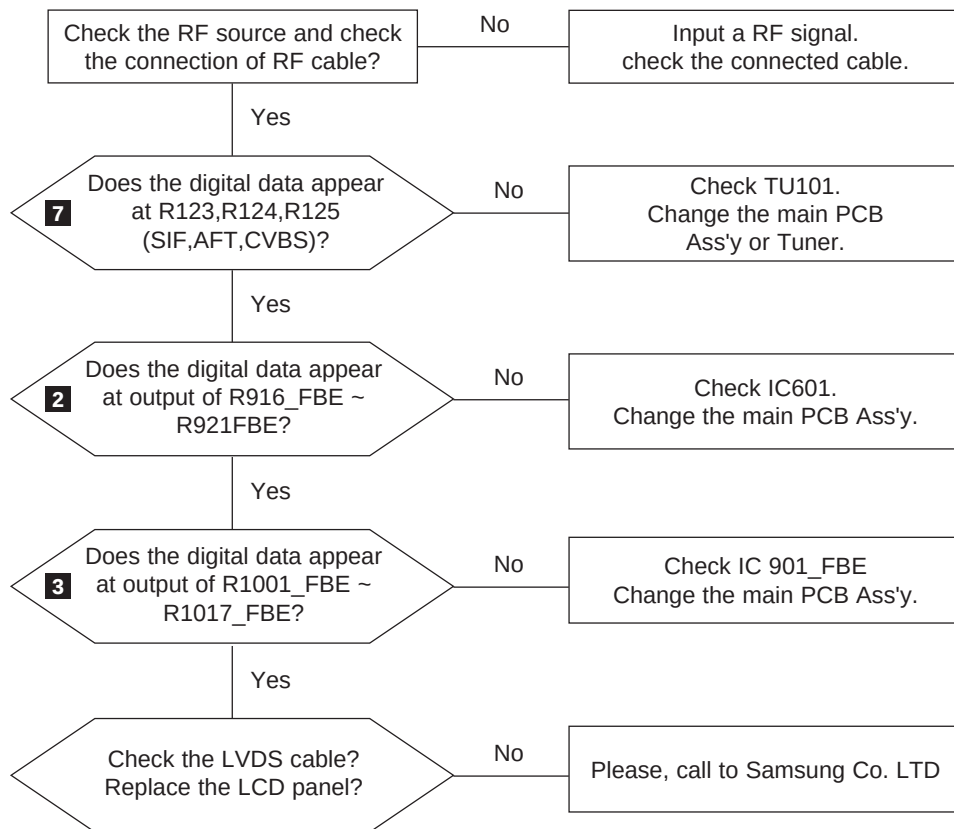


WAVEFORMS

6 Tuner CVBS Out (Pattern : Grey Bar)

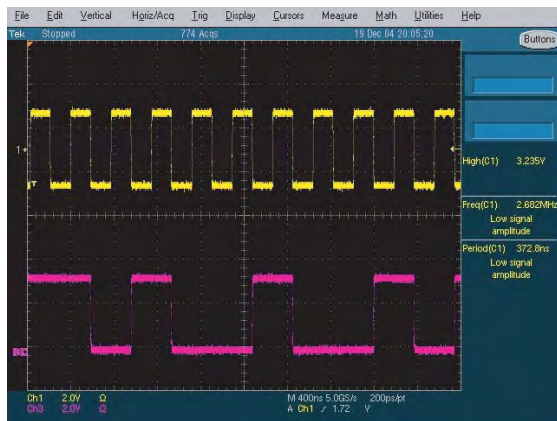


4-2-5 No Picture (Tuner DTV TS)

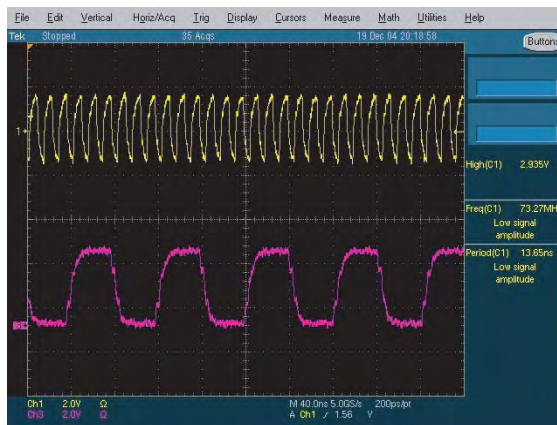


WAVEFORMS

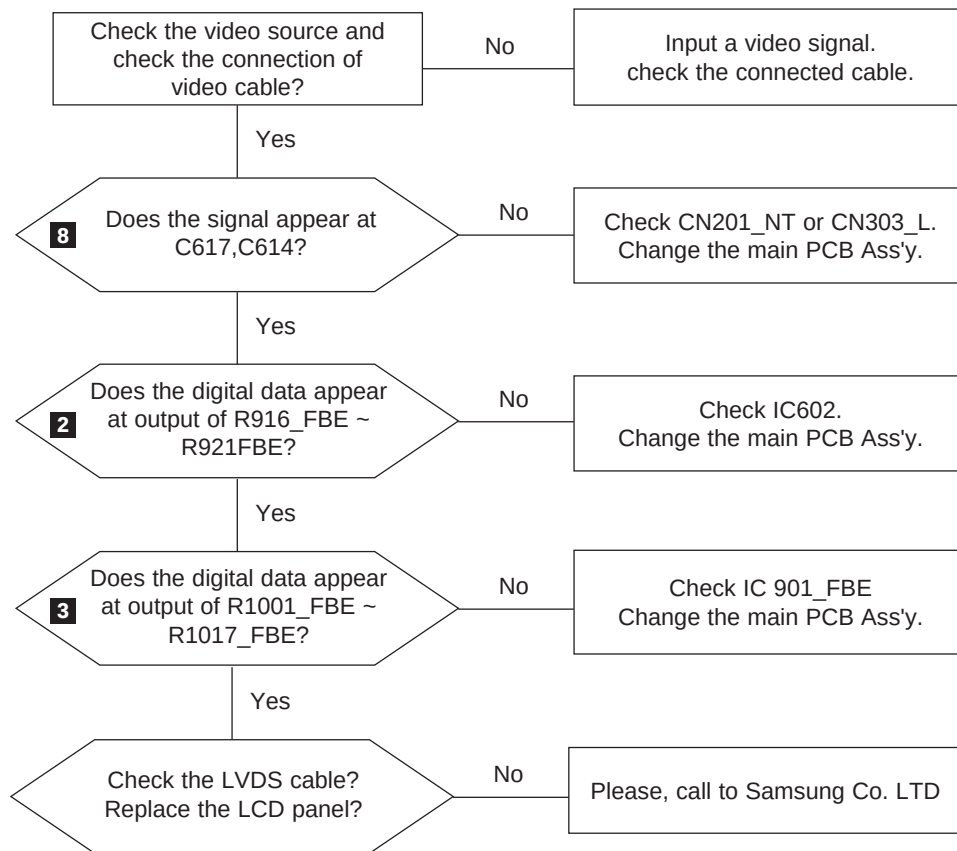
7 TS DATA Out (CLK, DATA [0])



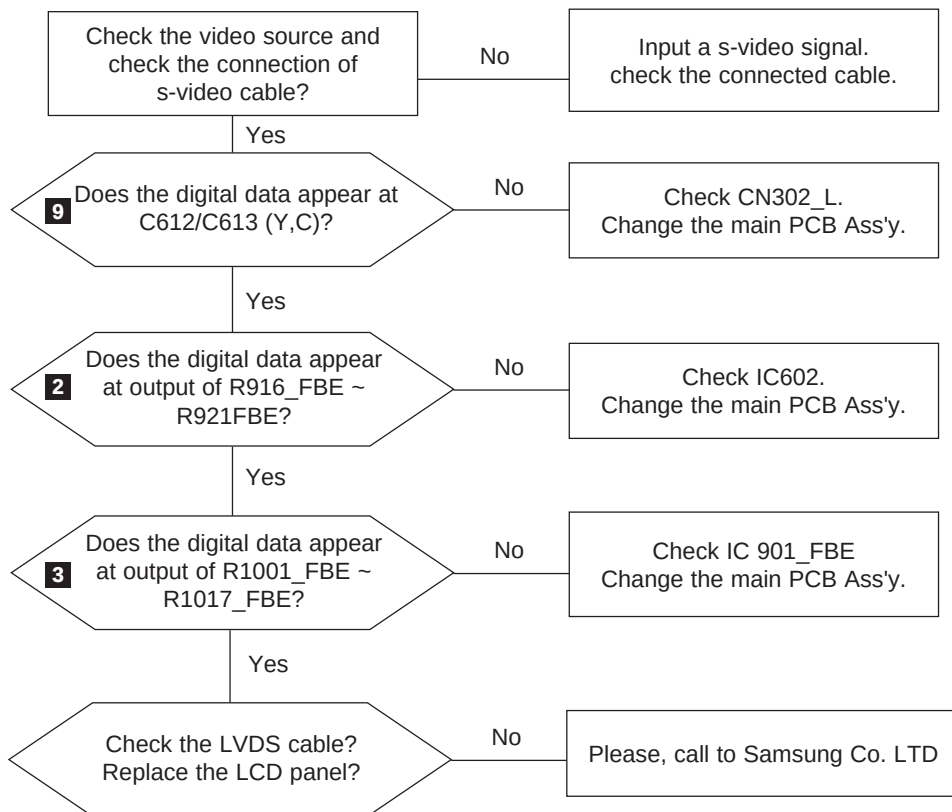
8 Eagle+ Out (CLK, H-Sync)



4-2-6 No Picture (Video_CVBS)



4-2-7 No Picture (S-VIDEO Y/C)

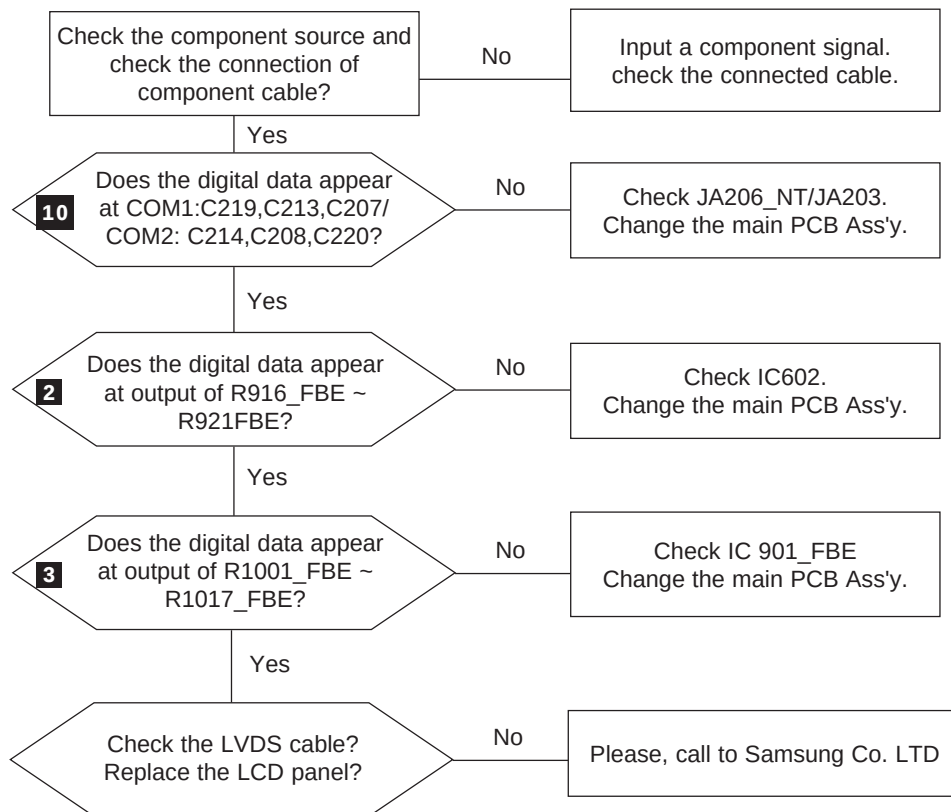


WAVEFORMS

9 S-VIDEO Input (Y/C)

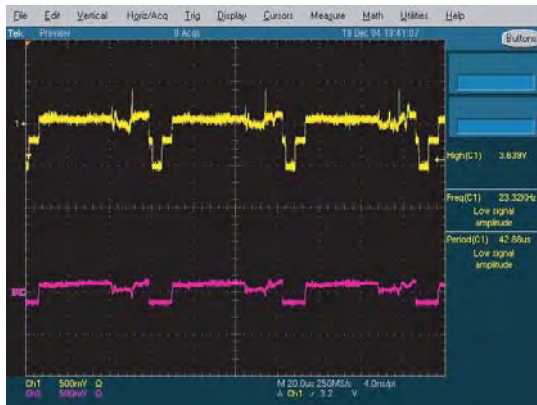


4-2-8 No Picture (Component1,2)

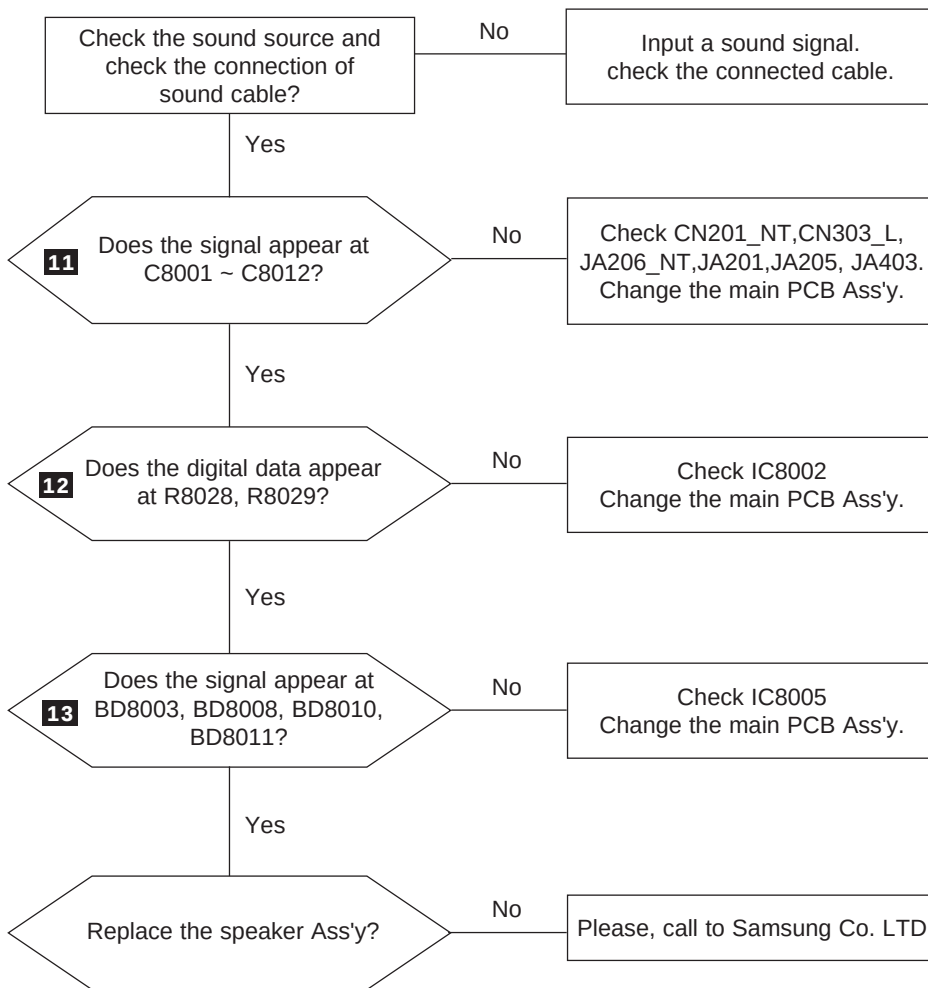


WAVEFORMS

10 Component Input (Y/Pb)

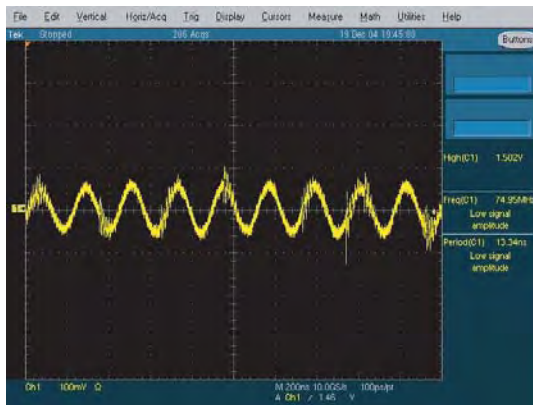


4-2-9 No Sound

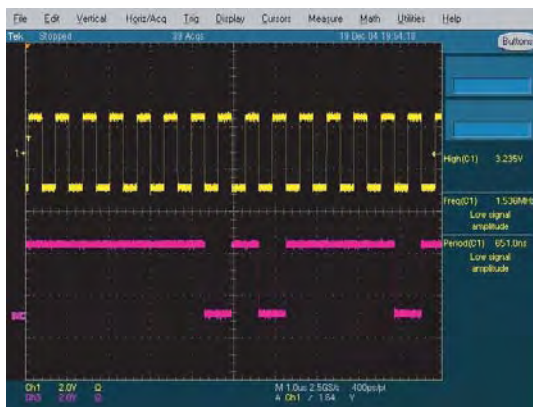


WAVEFORMS

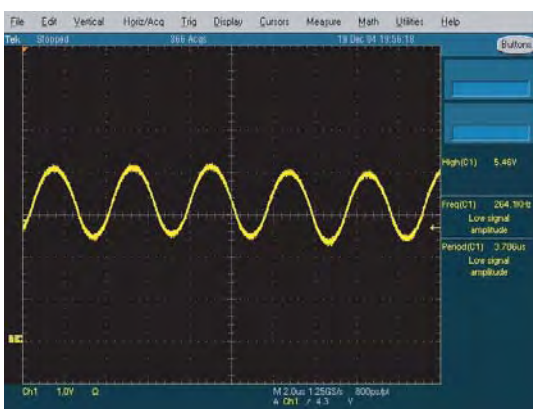
11 Audio Input (Sign Wave)



12 12S Input (CLK, DATA)



13 Audio Amp Out (Sign Wave)

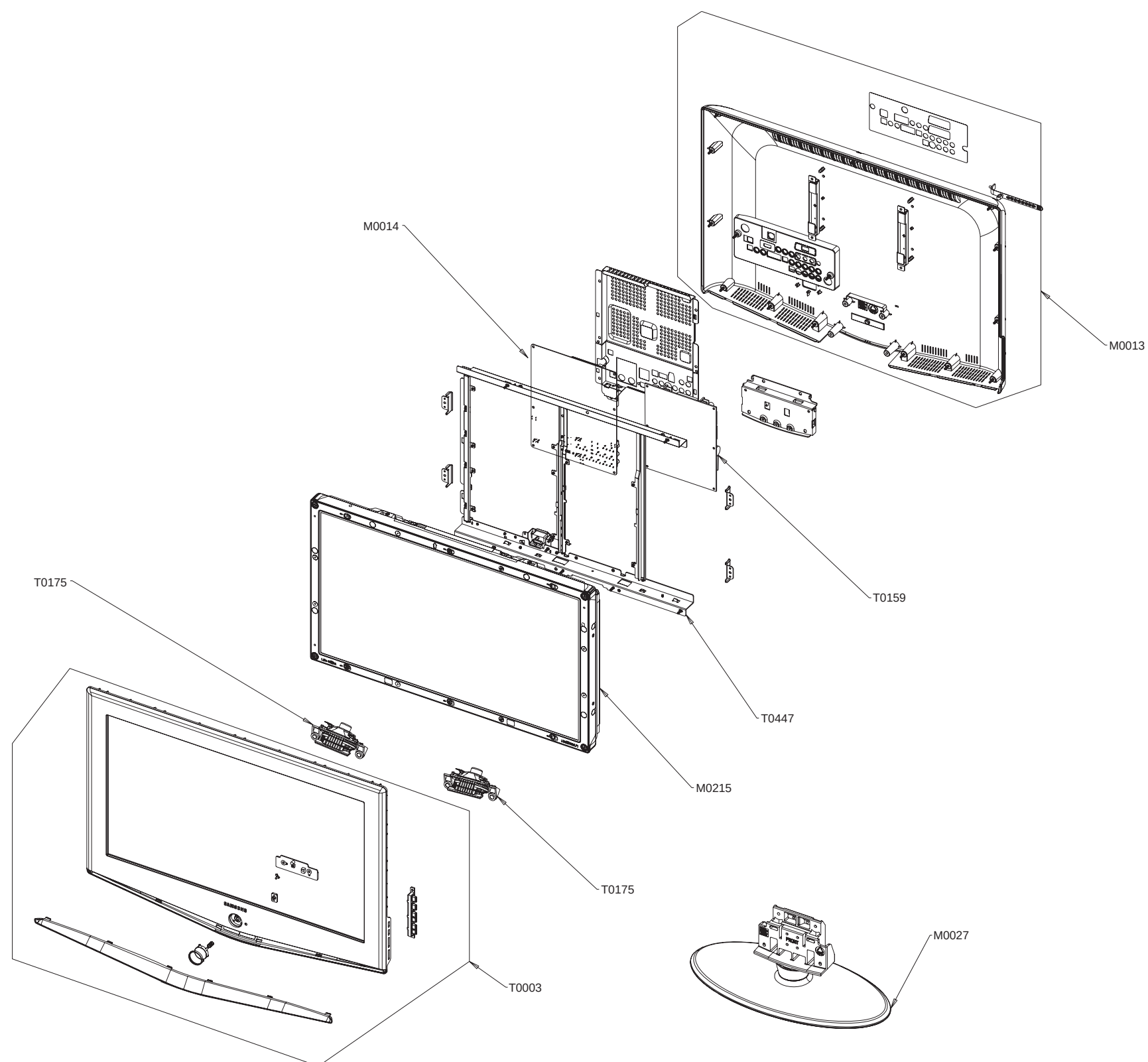


5 Exploded View and Parts List

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

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

5-1 LN23R71BAX/LN23R71WAX Exploded View



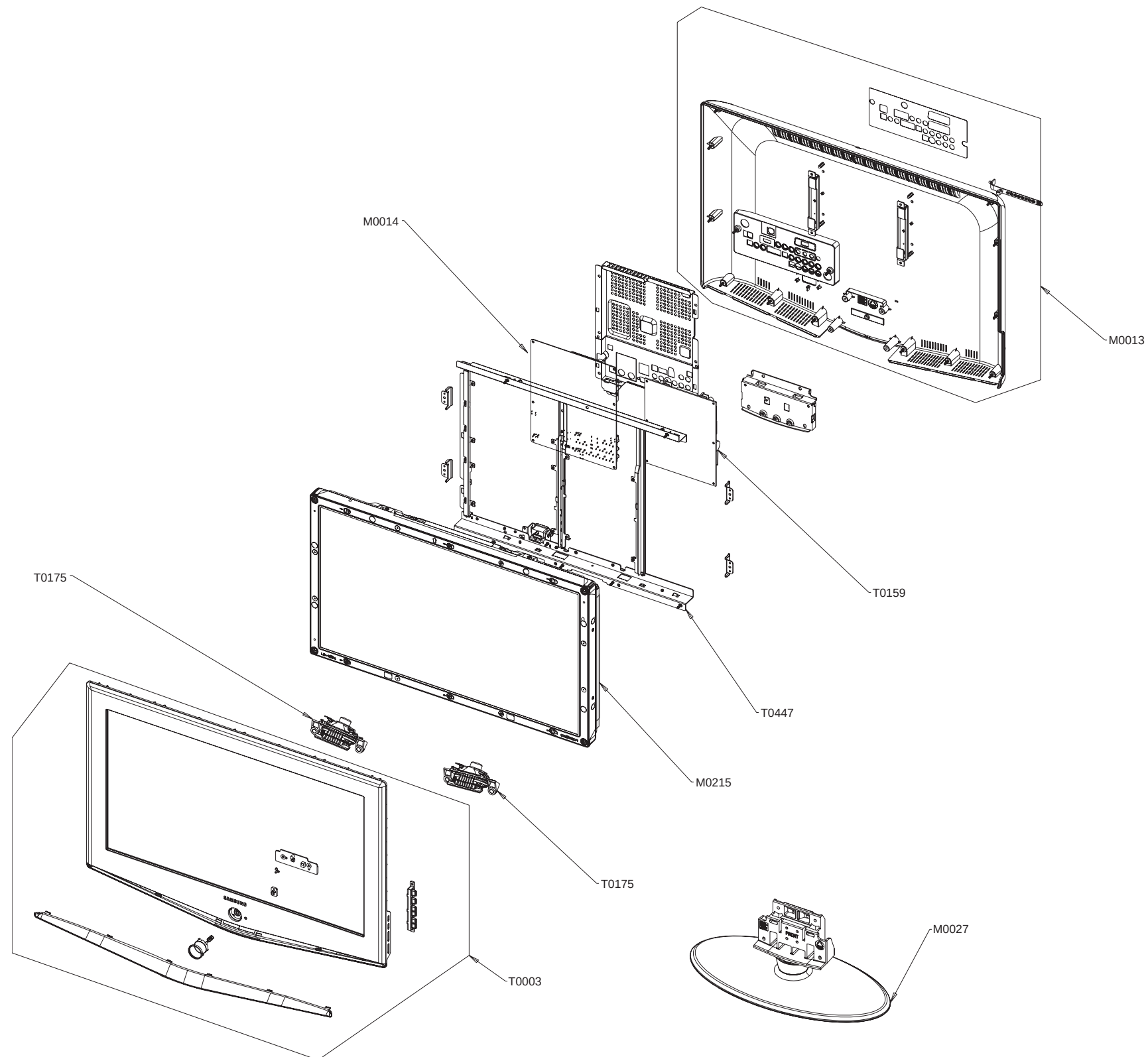
5-2 LN23R71BAX Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03368M	ASSY COVER P-FRONT;23R71,LO,PC+ABS,V0,BK	1	S.A	
T0175	BN96-04780A	ASSY SPEAKER P;16ohm,4pin,5W,Neo Bordeaux	1	S.A	
M0215	BN07-00365A	LCD-PANEL;T230XW01,8bit,23inch,16.7M,16:	1	S.A	
M0014	BN94-01180A	ASSY PCB MAIN;23 INCH,NEOBORDEAUX	1	S.A	
M0115	BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.A	
M0027	BN96-03358B	ASSY STAND P-BASE;23,26R71,-,ABS+PMMA,HB	1	S.A	
M0013	BN96-03357G	ASSY COVER P-REAR;23R71,LO,-,ABS+PMMA,HB	1	S.A	

5-3 LN23R71WAX Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03368L	ASSY COVER P-FRONT;23R71,LO,ABS+PMMA,HB,	1	S.A	
T0175	BN96-04780A	ASSY SPEAKER P;16ohm,4pin,5W,Neo Bordeaux	1	S.A	
M0215	BN07-00365A	LCD-PANEL;T230XW01,8bit,23inch,16.7M,16:	1	S.A	
M0115	BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.A	
M0014	BN94-01180A	ASSY PCB MAIN;23 INCH,NEOBORDEAUX	1	S.A	
M0027	BN96-03358A	ASSY STAND P-BASE;23,26R71,-,ABS+PMMA,HB	1	S.A	
M0013	BN96-03357F	ASSY COVER P-REAR;23R71,LO,ABS+PMMA,HB,W	1	S.A	

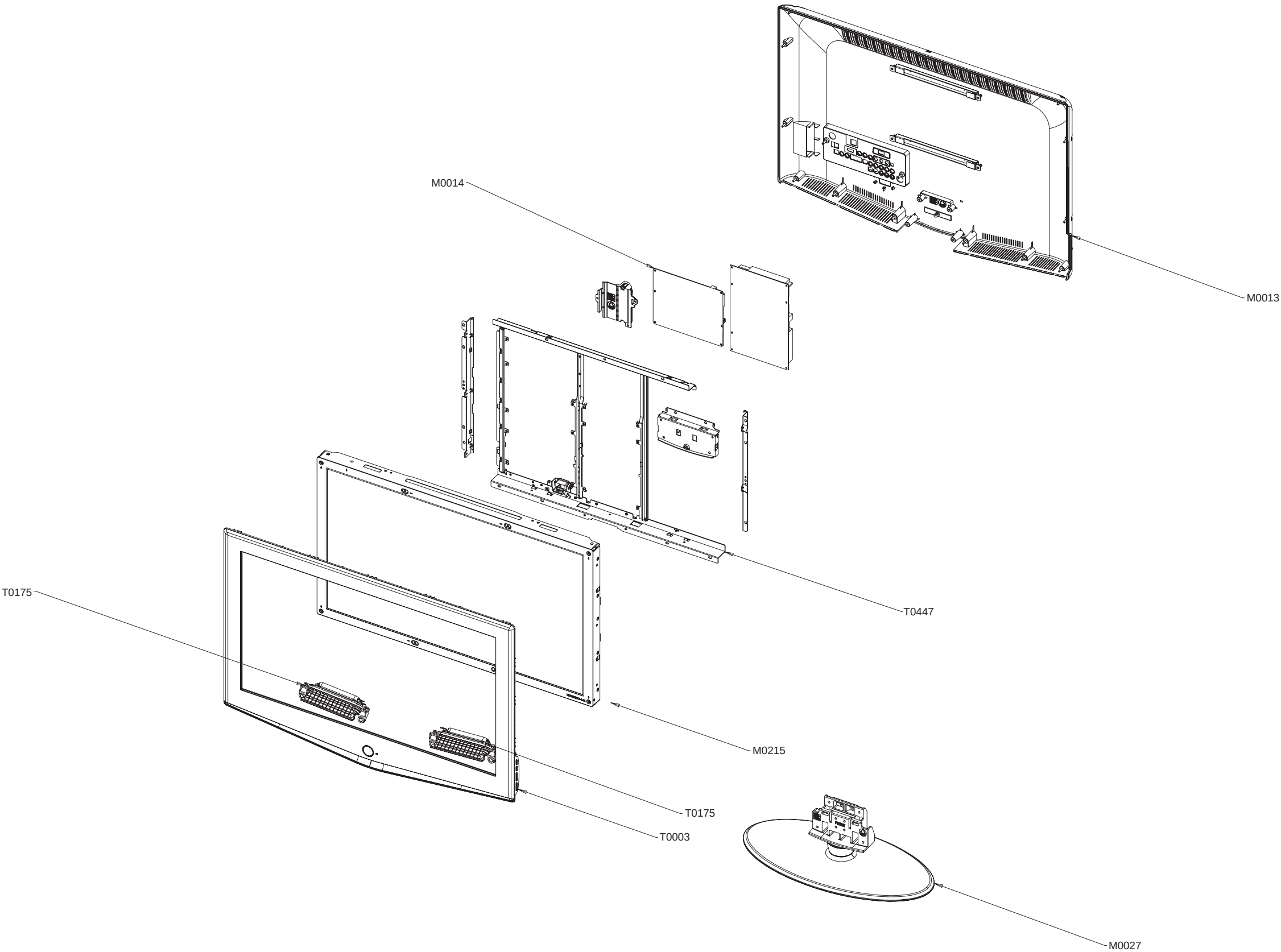
5-4 LN26R71BAX Exploded View



5-5 LN26R71BAX Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-04693D	ASSY COVER P-FRONT;26R71,LO,ABS+PMMA,HB,	1	S.A	
T0175	BN96-04780A	ASSY SPEAKER P;16ohm,4pin,5W,Neo Bordeaux	1	S.A	
T0447	BN96-03008E	ASSY BRACKET P-PANEL;NEO BORDEAUX,26,CMO	1	S.N.A	
M0215	BN07-00364A	LCD-PANEL;V260B1-L04,6bit+FRC,26inch,16.	1	S.A	
M0014	BN94-01213A	ASSY PCB MAIN;26 INCH,NEO BORDEAUX	1	S.A	
M0115	BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.A	
M0027	BN96-03358B	ASSY STAND P-BASE;23,26R71,-,ABS+PMMA,HB	1	S.A	
M0013	BN96-03014T	ASSY COVER P-REAR;26R71,LO,ABS+PMMA,HB,B	1	S.A	

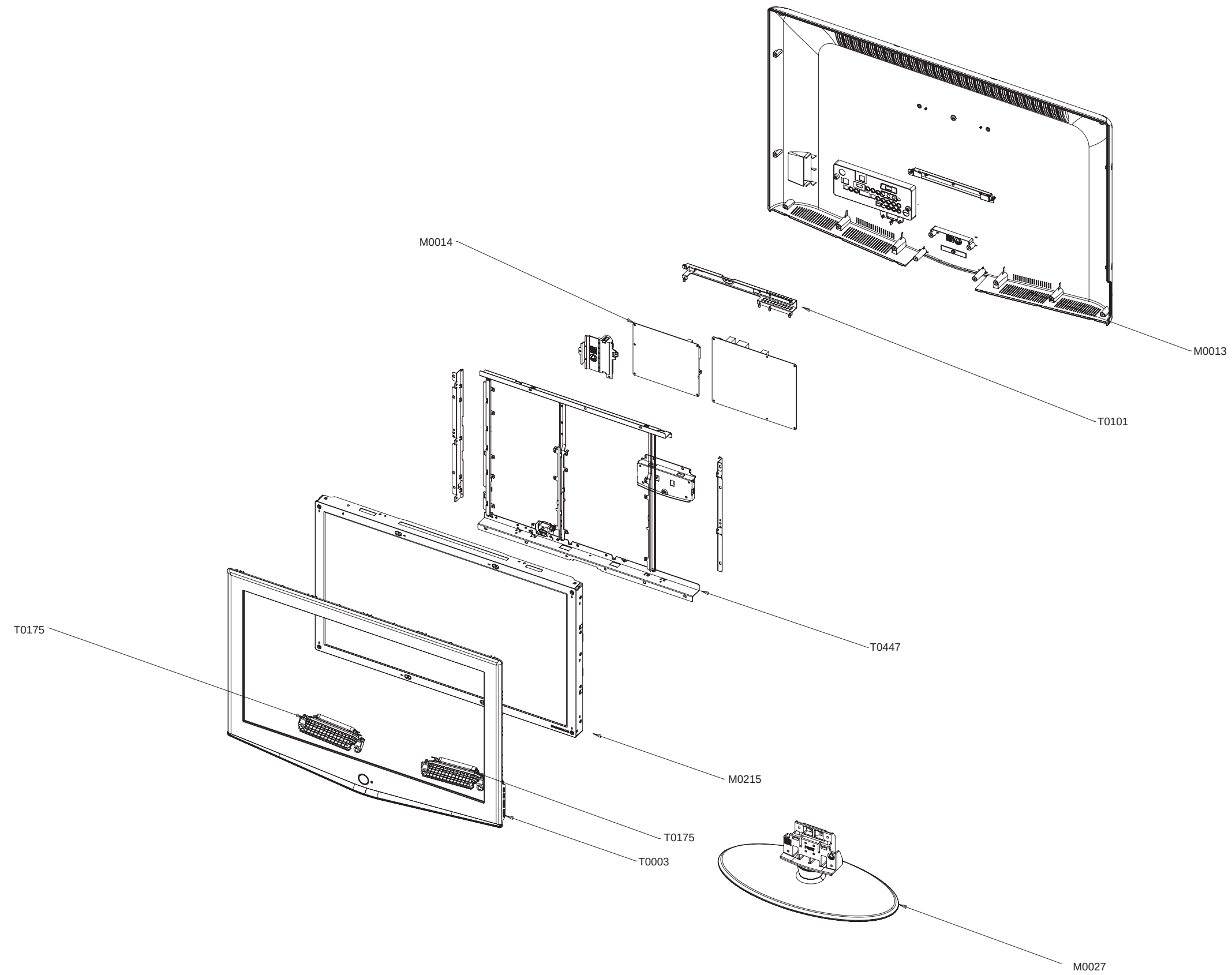
5-6 LN32R71BAX Exploded View



5-7 LN32R71BAX Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03677P	ASSY COVER P-FRONT;32R71,LO,ABS+PMMA,HB,	1	S.A	
T0175	BN96-04774A	ASSY SPEAKER P;8ohm,4pin,10W,Neo Bordeaux	1	S.A	
T0447	BN96-02999N	ASSY BRACKET P-PANEL;NEO BORDEAUX,32,CMO	1	S.N.A	
M0215	BN07-00348A	LCD-PANEL;V315B1-L01,8bit,31.5inch,16.7M	1	S.A	
M0014	BN94-01179A	ASSY PCB MAIN;32 INCH,NEOBORDEAUX	1	S.A	
M0115	BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.A	
M0027	BN96-02998A	ASSY STAND P-BASE;32R71,-,ABS+PMMA,HB,BK	1	S.A	
M0013	BN96-04846A	ASSY COVER P-REAR;32R71,LO,ABS+PMMA,HB,B	1	S.A	

5-8 LN40R71BAX Exploded View



5-9 LN40R71BAX Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-03011D	ASSY COVER P-FRONT;40R71,SO,ABS+PMMA,HB,	1	SA	
T0175	BN96-03002A	ASSY SPEAKER P;8ohm,Bordeuax 32"/37"/40"	1	SA	
T0175	BN96-03003A	ASSY SPEAKER P;8ohm,Bordeuax 32"/37"/40"	1	SA	
M0215	BN07-00264A	LCD-PANEL;LTA400WT-L01,8bit,952*551*51.0	1	SA	
T0447	BN96-03009C	ASSY BRACKET P-PANEL;BORDEAUX,40,AMLCD,I	1	SNA	
M0014	BN94-01012C	ASSY PCB MAIN;LN40R71BX/XAZ,A51O,BORDEAU	1	SA	
T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	SNA	
M0013	BN96-03013D	ASSY COVER P-REAR;40R71,SO,-,ABS+PMMA,HB	1	SA	
M0027	BN96-03016A	ASSY STAND P-BASE;40R71,-,ABS+PMMA,HB,BK	1	SA	

6 Electrical Parts List

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

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

6-1 LN23R71BAX/LN23R71WAX Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LN23R71WAX/XAO	LN23R71W,N33A/23R70-GNB,23,LCD-TV,COLOMB	0	
0.1	M0001	BN90-00911M	ASSY COVER FRONT;23R71,LO,ABS+PMMA,HB,WH	1	S.N.A
..2	T0003	BN96-03368L	ASSY COVER P-FRONT;23R71,LO,ABS+PMMA,HB,	1	S.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.94	S.N.A
...3	T0056	BN63-02464C	COVER-DECORATION;23R71,HIPS,HB,GR503,RDM	1	S.N.A
...3	M0112	BN63-02465B	COVER-FRONT;23R71,UO(XAX),ABS+PMMA,HB,WH	1	S.N.A
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...3	T0054	BN64-00443A	KNOB-DECORATION;32R71,ABS,HB,GR503,VACUU	1	S.A
...3	T0238	BN64-00453B	WINDOW REMOCON;32R71,PC,CLEAR,V0	1	S.N.A
...3	T0023	BN64-00480A	KNOB POWER;BORDEAUX,PC+ACRYL,T3,WHITE	1	S.N.A
...3	M0145	BN96-03403A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	S.A
...4	T0022	BN64-00442B	KNOB CONTROL;26,32,40R71,PC,WHITE,ACRYL	1	S.N.A
...4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	S.A
...3	M0146	BN96-05154A	ASSY BOARD P-POWER&IR;NEOBOARD,UX,SJ07-	1	S.A
..2	T0175	BN96-04780A	ASSY SPEAKER P;16ohm,4pin,5W,Neo Bordeaux	1	S.A
0.1	M0002	BN90-00912H	ASSY COVER REAR;23R71,LO,ABS+PMMA,HB,WH1	1	S.N.A
..2	M0081	6003-001324	SCREW-TAPTITE;BH,+,-,B,M4,L16,NI PLT,SWRCH	1	S.N.A
..2	M0081	6003-001324	SCREW-TAPTITE;BH,+,-,B,M4,L16,NI PLT,SWRCH	11	S.N.A
..2	M0013	BN96-03357F	ASSY COVER P-REAR;23R71,LO,ABS+PMMA,HB,W	1	S.A
...3	T0069	AA60-00091F	SPACER-FELT;-FELT,150X10,-,-,BLK,T0.5,-	2	S.N.A
...3	T0101	BN61-02058A	BRACKET-WALL;23,27,MGM,SECC,T1.6	2	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.5	S.N.A
...3	T0071	BN64-00611B	INLAY-TERMINAL;NEO BORDEAUX 23,PS SHEET,	1	S.N.A
...3	T0064	BN65-00002B	CLAMPER CORE;BORDEAUX,PP,V0,WHITE	1	S.N.A
...3	M0006	BN63-02463G	COVER-REAR;23R71,LO,ABS+PMMA,-,-,-,HB,-,	1	S.N.A
0.1	M0216	BN90-00913A	ASSY STAND;23,26R71,(WHITE),NON SWIVEL	1	S.N.A
..2	M0027	BN96-03358A	ASSY STAND P-BASE;23,26R71,-,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-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A
...3	T0920	BN61-02192B	GUIDE-STAND;26,32R71,ABS,V0,WHITE	1	S.N.A
...4	T0514	BN61-02367A	BRACKET-SUPPORT;BORDEAUX 32,SECC,T1.2,-,	1	S.N.A
...3		BN61-02204B	HOLDER-SWIVEL RING;26,32R71,ACETAL,WHITE	1	S.N.A
...3		BN61-02417A	BRACKET-STAND BOTTOM;Bordeaux 23,SECC,T2	1	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A
...3		BN63-02322B	COVER-STAND SUB;26,32R71,ABS+PMMA,HB,WH1	1	S.N.A
...3	T0004	BN63-02335B	COVER-STAND BASE;26R71,ABS+PMMA,HB,WH12,	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
..2	T0524	6902-000241	BAG PE;NITRON/HDPE,T0.5/T0.012,W600,L600	1	S.N.A
0.1		BN91-01180J	ASSY LCD-AUO;LE23R32BX/*	1	S.N.A
..2	M0215	BN07-00365A	LCD-PANEL;T230XW01,8bit,23inch,16.7M,16:	1	S.A
0.1	M0017	BN91-01429A	ASSY CHASSIS;LN23R72BX/XAP	1	S.N.A
..2	M0014	BN94-01180A	ASSY PCB MAIN;23 INCH,NEOBORDEAUX	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-002143	JACK-PIN;5P,NI,GRN/BLU/RED/WHT/RED,STRAI	1	S.A
...3	JA333	3722-002523	JACK-PIN;3P,NI,YEL/WHT/RED,STRAIGHT	1	S.A
...3	T0174	BN97-01369A	ASSY SMD;BN94-01180A	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.112	S.N.A
....4	D109	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D101	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D103	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D105	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D403	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D404	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D505	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D506	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D8001	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8002	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8011	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8012	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8014	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8015	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	D8016	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	1	S.A
....4	D8017	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	1	S.A
....4	D211	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D220_NT	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D230	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D331	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D332	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D333	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D334	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D335	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D8013	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D401	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D501	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D106	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A
....4	D201	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D202	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D204	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D206	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D208	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D209	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D210	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D212	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D214	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D215	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D216	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D218	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D219	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D221	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D222	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D223	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D224	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D226	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D324	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D325	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D328	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D329	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D330	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D410	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D408	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D502_L	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D503	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D701	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q8001	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q8002	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	S.A
....4	Q1001_L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q105	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q202	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q205	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	Q401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q404	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q8003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q102	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q103	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q104_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC106	1001-001443	IC-VIDEO SWITCH;PI3HDMI1212,HDMI TMDS S/	1	S.A
....4	IC8002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001023	IC-EEPROM;24C08,8Kbit,1Kx8Bit,SOP,8P,5x4	1	S.A
....4	IC502	1105-001715	IC-VIDEO RAM;M13S128168,K4D261638,GDDR,1	1	S.A
....4	IC503	1105-001715	IC-VIDEO RAM;M13S128168,K4D261638,GDDR,1	1	S.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150ML,DUAL,10	1	S.A
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	S.A
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002855	IC-POSIFIXED REG.;MC33269DTRK-5.0,DPRK,	1	S.A
....4	T0087	1203-002974	IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC012	1203-003544	IC-POSIFIXED REG.;RT9173BPS,SOP-8,8P,5	1	S.A
....4	T0087	1203-003703	IC-POSIFIXED REG.;AP1117E-18A,SOT-223,3	1	S.A
....4	IC507	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A
....4	IC506_L	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC508	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC8001	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC118	1204-002730	IC-VIDEO PROCESS;MT8202FG,BGA,388P,27x27	1	S.A
....4	IC704	1205-003067	IC-RECEIVER;MT8293,LQFP,128P,14x14mm,PLA	1	S.A
....4	R524	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	Z3_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1011	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1015_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1020_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1021_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1022_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1025_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1028_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1033_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1050_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1051_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R123	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R157	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R222	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R230_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R231	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R233	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R239	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R248_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R263_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R421	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R551_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R552_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R555	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R556	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R616	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R618	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R642	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R644	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R666_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R667_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R668_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R669_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R670_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R671_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R672_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R673_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R674_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R675_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R738	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R739	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R740	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R741	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R742	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R743	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R744	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R745	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R746	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8092	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1034_L	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R146	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R147	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R366	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R374	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R617	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R620	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R621	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R622	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R624	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R625	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R117	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R118	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R205_NT	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R365	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R367	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R405	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R407	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1043_L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R1048_L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R155	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R156	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R214	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R245	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R246	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R247	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R249_NT	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R252	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R259	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R270_NT	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R345	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R372	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R487	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R504	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R505	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R507	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R508	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R509	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R510	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R511	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R513	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R632	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R633	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R640	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R649	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R662	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R677	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R678	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R691	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R736	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R737	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8046	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8047	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8048	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8049	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8071	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8082	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8083	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R1029_EN	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R110	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R1040_L	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R539	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R8055	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R8057	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R1044_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1045_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R115	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R142	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R143	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R206	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R207	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R209	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R210	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R212	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R253	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R255	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R256	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R257	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R368	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R369	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R396	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R397	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R411	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R413	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R453	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R484	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R486	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R538	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R602	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R647_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R696	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R8044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R8045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R465	2007-000079	R-CHIP;1.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R377	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	SA
....4	R378	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1041_L	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R8018	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R8091	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R1039_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1049_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R112_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R131	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R133	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R373	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R375	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R376	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R379	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R380	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R381	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R382	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R383	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R401	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R402	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R460	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R501	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R502	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R503	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R516	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R517	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R518	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R519	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R522	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R540	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R604	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R605	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R615	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R619	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R626	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R627	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R688	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R735	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8031	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8032	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8061	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8063	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8067	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8069	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R8075	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8078	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1038_L	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R114	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R362	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R363	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R415	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R646	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8035	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8090	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R612	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	S.A
....4	R613	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	S.A
....4	R120	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R121	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R113	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R130	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R250	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R251	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8056	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8059	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8095	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8096	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R111	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R127	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R148	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R601	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R603	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R122	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	S.A
....4	R128	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	S.A
....4	R609	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R610	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R628	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R629	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R630	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R634	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R635	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R636	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R639	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8028	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8029	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8033	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8034	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8036	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8040	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R129_OP	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	1	S.A
....4	R105	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R106	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R107	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R466	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1042_L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R109_L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R523	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R537	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8017	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R614	2007-000127	R-CHIP;9.1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8002	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8004	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R8006	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8008	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8010	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8012	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8014	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8016	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8020	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8022	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8024	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8026	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R221	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R223	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R228	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R232	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R238	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R240	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R350	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R354	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R357	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R243	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R417	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R419	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R623	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R215	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R488	2007-000659	R-CHIP;27OHM,5%,1/10W,TP,1608	1	SA
....4	R8079	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	SA
....4	R8058	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8060	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8062	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8064	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8072	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8073	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8080	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8081	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R1031_L	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R216	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R218	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R220	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R225	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R227	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R235	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R237	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R241	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R262	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R348	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R351	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R352	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R355	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R370	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R371	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R124	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	1	SA
....4	R126	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R217	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R219	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R224	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R226	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R234	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R236	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R244	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R264	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R349	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R353	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R356	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R116	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R611	2007-007730	R-CHIP;6.8MOHM,1%,1/10W,DA,TP,1608	1	S.A
....4	RA606	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA608	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA609	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA610	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	R734	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA602	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA603	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA604	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA605	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA611	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA612	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA613	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA614	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA501	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA502	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA503	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA504	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA505	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA506	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA507	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA508	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA509	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA510	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA511	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA512	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA513	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	R747	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R748	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA601	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA607	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA615	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA701	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA702	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA703	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA704	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA705	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA706	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA707	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R515	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	R733	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C106	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C115	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C117	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C150	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C154	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C155	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C156	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C157	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C160	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C162	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C173	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C324	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C403	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C512	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C601	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C606	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

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[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C726	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8060	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8061	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8080	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8082	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8090	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C165	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C166	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C202	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C204	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C205	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C206	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C228	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C229	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C230	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C231	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C329	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C411	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C514	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C515	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8044	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8047	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8097	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1004_L	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C122	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C125	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C137	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C139	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C140	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C158	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C171	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	C185	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C207	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C208	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C209	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	C213	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C214	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	C218	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	C220	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C221	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C224	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C313	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C315	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C316	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C319	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C320	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C322	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C517	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C210	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C211	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C216	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C217	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A

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Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C222	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C223	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C169	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C510	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C511	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8017	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8046	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8048	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8049	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8053	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8055	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8062	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8072	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8073	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8081	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8089	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8096	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8099	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8100	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C138	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA
....4	C661	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C662	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C663	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C673	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C674	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C675	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C170	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C325	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C326	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C416	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C417	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C8102	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C8103	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C142	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C225	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C317	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C607	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8108	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8109	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8110	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8111	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C314	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C318	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C321	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C134	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C611	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C612	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C613	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C614	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C616	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C617	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C121	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C123	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C172	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C227	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C233	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C327	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	SA
....4	C328	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	SA
....4	C135	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C8063	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8065	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8067	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8101	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA

[illegible]

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C8051	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8052	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8056	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8057	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8083	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8084	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8093	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8094	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8041	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C8045	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C8001	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8002	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8003	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8004	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8005	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8006	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8007	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8008	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8009	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8010	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8011	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8012	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C1006_L	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C163	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C164	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C174	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C323	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C401	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C408	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C415	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C505	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C523	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C524	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C526	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C531	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C642	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C678	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C679	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C711	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C721	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8022	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8028	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8042	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8043	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8059	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1002_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	SA
....4	C1003_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	SA
....4	C104	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C105	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C120	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C126	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C127	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C151	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C152	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C603	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA

[illegible]

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q301	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A
....4	Q302	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A
....4	R346	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R347	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R384	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R385	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	C161	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8031	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8032	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8034	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8107	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	R1036_L	2007-000083	R-CHIP;3Kohm,5%,1/10W,TP,1608	1	S.A
....4	C602	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C604	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	M0018	BN97-01488A	ASSY MICOM;T-NBDMNSA-1002,N33A,200703.12	1	S.N.A
....5	IC115	1107-001453	IC-FLASH MEMORY;29W160E,16Mbit,2Mx8/1Mx1	1	S.N.A
....4	R454	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R456	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R457	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R458	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R461	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R462	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R463	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R464	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R8094	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	T0077	BN41-00823C	PCB MAIN;JASMINE,FR-4,4,MP2.0,1.6T,192*1	1	S.N.A
....3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE	1	S.N.A
....3	SILICON RU	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40*,SI	1	S.N.A
....3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A
....3	JA306	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A
....3	HDCP	BN97-00688B	ASSY HDCP;MT8202 IC HDCP Key'	1	S.N.A
....4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.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	CIS3	BN40-00113A	TUNER;HTM-6M/13F2S,HTM-6M/13F2S,PAL M,18	1	S.A
0.1	M0003	BN92-01733K	ASSY BOX;23R71,UO(XAO),--,2 COLOR,(BLK,	1	S.N.A
..2	T0130	BN69-01329E	BOX-00,SET;23R71(OVERSEA),SY-05,A,YEL,A1	1.01	S.N.A
0.1	M0113	BN92-01734A	ASSY P/MATERIAL;23R71,BORDEAUX	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.015	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,--,	0.004	S.N.A
..2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
..2	T0003	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	3.05	S.N.A
0.1	M0019	BN92-02435D	ASSY LABEL;LN23R72WX/XAO,N33A,NEOBORDEAU	1	S.N.A
0.1	M0045	BN92-02440P	ASSY ACCESSORY;LN23R72WX/XAO,N33A,NEOBDX	1	S.N.A
..2	M0045	BN96-05506P	ASSY ACCESSORY;LN23R71WAX/XAO,NEOBDX	1	S.N.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	2	S.N.A
....3	ACCESSORY	AA68-03242F	MANUAL FLYER-02;SAFETY GUIDE;All Model,S	1	S.N.A
....3	T0175	AA68-03727A	MANUAL FLYER-01;WARRANTY CARD;All,SAMSUN	1	S.N.A
....3	T0074	BN59-00604A	REMOCON;Bordeaux Plus,TM87C,SAMSUNG 28P+	1	S.A
....3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
....3	T0531	BN63-02323D	COVER-BOTTOM;23,26,32R71,ABS+PMMA,HB,WH1	1	S.A
....3	M0126	BN69-01086A	BOX ACCESSORY-00;COMM,SW1,YEL,-,W573,D63	1	S.N.A
....3	M0045	BN96-01800B	ASSY ACCESSORY;BORDEAUX,(WHITE),SCREW	1	S.A
....4	M0081	6003-001324	SCREW-TAPTITE;BH,+,B,M4,L16,Ni PLT,SWRCH	4	S.N.A
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	M0156	BN68-01200B	MANUAL USERS-01;COMM,SAMSUNG,Eng/Spa/Por	1	S.N.A
0.1	M0112	BN91-01529A	ASSY SHIELD;LN23R71BAX	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	6	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	M2893	BN39-00603D	LEAD CONNECTOR;RE26**,UL1007#26,14P,100m	1	S.A
..2	M2893	BN39-00802A	LEAD CONNECTOR;LE32R86BDX,UL1007#26,UL/C	1	S.A
..2	M2893	BN39-00877A	LEAD CONNECTOR;LE40R86BDX,UL1571#30,30P,	1	S.A
..2	T0764	BN44-00158A	SMPS-LCDTV;MK23P,DYREL,AC/DC,120W,AC100	1	S.A
..2	M0115	BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.A
..2	M0114	BP61-00871A	HOLDER-WIRE;PJTV,NYLON 6.6,BLK	1	S.N.A
..2	M0412	BN96-05137C	ASSY BRACKET P-PCB;23,NEO BORDEAUX,SECC,	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
...3	M0107	BN61-03037C	BRACKET-PCB;23 BORDEAUX NEO,SECC,T1.2,AU	1	S.N.A
...3	M0131	BN63-02791A	GASKET;LNS4096D,Conductive Fabric,8mm,10	1	S.N.A
...3	M0131	BN63-02994A	GASKET;LN52M71BD,Conductive Fabric,8mm,1	1	S.N.A
..2	T0275	BN96-05375A	ASSY MISC P-INLET;NEOBORDEAUX 23",200/15	1	S.N.A

6 Electrical Parts List

6-2 LN26R71BAX Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LN26R71BAX/XAO	LN26R71B,N33A/26R70-GNB,26,LCD-TV,COLOMB	0	
0.1	M0216	BN90-00913B	ASSY STAND;23,26R71,UO,NON SWIVEL	1	S.N.A
..2	M0013	BN96-03358B	ASSY STAND P-BASE;23,26R71,-,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-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A
...3	T0920	BN61-02192A	GUIDE-STAND;26,32R71,ABS,V0,BLK	1	S.A
....4	T0514	BN61-02367A	BRACKET-SUPPORT;BORDEAUX 32,SECC,T1.2,-,	1	S.N.A
...3		BN61-02204A	HOLDER-SWIVEL RING;26,32R71,ACETAL,BLK	1	S.N.A
...3		BN61-02417A	BRACKET-STAND BOTTOM;Bordeaux 23,SECC,T2	1	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A
...3		BN63-02322A	COVER-STAND SUB;32R71,ABS+PMMA,HB,BK23,H	1	S.N.A
...3	T0004	BN63-02335A	COVER-STAND BASE;26R71,ABS+PMMA,HB,BK23,	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
..2	T0524	6902-000241	BAG PE;NITRON/HDPE,T0.5/T0.012,W600,L600	1	S.N.A
0.1	M0002	BN90-01125C	ASSY COVER REAR;26R71,LO,ABS+PMMA,HB,BK2	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	2	S.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	13	S.A
..2	M0013	BN96-03014T	ASSY COVER P-REAR;26R71,LO,ABS+PMMA,HB,B	1	S.A
...3	T0101	BN61-02058A	BRACKET-WALL;23,27,MGM,SECC,T1.6	2	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.6	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3	T0071	BN64-00608B	INLAY-TERMINAL;NEO BORDEAUX,26,PS SHEET,	1	S.N.A
...3	M0006	BN63-02332P	COVER-REAR;26R7,LO,ABS+PMMA,-,-,HB,-,B	1	S.N.A
0.1	M0001	BN90-01135J	ASSY COVER FRONT;26R71,LO,ABS+PMMA,HB,BK	1	S.N.A
..2	T0175	BN96-04780A	ASSY SPEAKER P;16ohm,4pin,5W,Neo Bordeaux	1	S.A
..2	T0003	BN96-04693D	ASSY COVER P-FRONT;26R71,LO,ABS+PMMA,HB,	1	S.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.118	S.N.A
...3	M0112	BN63-02331D	COVER-FRONT;26R71,SO,ABS+PMMA,HB,BK23,S/	1	S.N.A
...3	T0056	BN63-02333A	COVER-DECORATION;26R71,HIPS,HB,GR503,BLM	1	S.N.A
...3	T0023	BN64-00342A	KNOB POWER;ROME,40,PC,VIOLET	1	S.N.A
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...3	T0054	BN64-00443A	KNOB-DECORATION;32R71,ABS,HB,GR503,VACUU	1	S.A
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	M0145	BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	S.A
....4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	S.N.A
....4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	S.A
...3	M0146	BN96-05154B	ASSY BOARD P-POWER&IR;NEOBORDEAUX,SJ07-	1	S.A
0.1	T0852	BN91-01180K	ASSY LCD-CMO;LE26R32BX/*	1	S.N.A
..2	M0215	BN07-00364A	LCD-PANEL;V260B1-L04,6bit+FRC,26inch,16.	1	S.A
0.1	M0017	BN91-01429C	ASSY CHASSIS;LN26R71BAX/XAO	1	S.N.A
..2	M0014	BN94-01213A	ASSY PCB MAIN;26 INCH,NEO BORDEAUX	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001938	JACK-PIN;3P,-,AU,GRN/BLU/RED,-	1	S.A
...3	JA333	3722-002143	JACK-PIN;5P,NI,GRN/BLU/RED/WHT/RED,STRAI	1	S.A
...3	JA333	3722-002523	JACK-PIN;3P,NI,YEL/WHT/RED,STRAIGHT	1	S.A
...3	CIS3	BN40-00091A	TUNER;TCPN3081PA32S(H),TCPN3081PA32S(H),	1	S.A
...3	T0174	BN97-01436A	ASSY SMD;26 INCH,NEOBORDEAUX	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/	3.112	S.N.A
....4	D109	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D101	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D103	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D105	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D403	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D404	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D505	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D506	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D8001	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8002	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8011	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8012	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8014	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8015	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	D8016	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500mW,LL-3	1	S.A
....4	D8017	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500mW,LL-3	1	S.A
....4	D211	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D220_NT	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D230	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D331	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D332	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D333	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D334	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D335	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D8013	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D401	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D501	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D106	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A
....4	D201	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D202	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D204	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D206	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D208	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D209	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D210	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D212	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D214	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D215	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D216	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D218	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D219	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D221	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D222	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D223	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D224	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D226	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D324	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D325	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D328	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D329	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D330	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D410	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D408	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D502_L	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D503	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D701	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q8001	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	S.A
....4	Q8002	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	S.A
....4	Q1001_L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q105	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q202	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q205	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q404	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q8003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q102	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q103	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q104_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC106	1001-001443	IC-VIDEO SWITCH;PI3HDMI1212,HDMI TMDS S/	1	SA
....4	IC8002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232CEWE+T,SOP,16P,	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-001023	IC-EEPROM;24C08,8Kbit,1Kx8Bit,SOP,8P,5x4	1	SA
....4	IC502	1105-001715	IC-VIDEO RAM;K4D261638I,GDDR,128Mbit,4x2	1	SA
....4	IC503	1105-001715	IC-VIDEO RAM;K4D261638I,GDDR,128Mbit,4x2	1	SA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	SA
....4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSIFIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSIFIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P	1	SA
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	SA
....4	IC012	1203-003544	IC-POSADJUST REG.;RT9173BPS,SOP-8,8P,5	1	SA
....4	T0087	1203-003703	IC-POSIFIXED REG.;AP1117E-18A,SOT-223,3	1	SA
....4	IC507	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	SA
....4	IC506_L	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA
....4	IC508	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA
....4	IC8001	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA
....4	IC118	1204-002730	IC-VIDEO PROCESS;MT8202FG,BGA,388P,27x27	1	SA
....4	IC704	1205-003067	IC-RECEIVER;MT8293,LQFP,128P,14x14mm,PLA	1	SA
....4	R524	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	26_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1011	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1015_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1020_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1021_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1022_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1025_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1028_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1033_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1050_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1051_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R123	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R157	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R222	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R230_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R231	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R233	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R239	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R248_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R263_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R421	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R551_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R552_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R555	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R556	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R616	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R618	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R642	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R644	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R666_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R667_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R668_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R669_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R670_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R671_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R672_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R673_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R674_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R675_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R738	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R739	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R740	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R741	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R742	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R743	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R744	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R745	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R746	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8092	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1034_L	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R146	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R147	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R366	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R374	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R617	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R620	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R621	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R622	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R624	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R625	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R117	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R118	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R365	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R367	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R405	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R407	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R1043_L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1048_L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R155	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R156	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R214	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R245	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R246	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R247	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R249_NT	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R252	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R259	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R270_NT	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R345	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R372	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R487	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R504	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R505	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R507	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R508	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R509	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R510	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R511	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R513	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R632	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R633	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R640	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R649	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R662	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R677	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R678	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R691	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R736	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R737	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8046	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8047	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8048	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8049	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8071	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8082	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8083	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1029_EN	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	SA
....4	R110	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R1040_L	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R539	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R8055	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R8057	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R1044_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R1045_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R115	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R119	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R142	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R143	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R206	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R207	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R209	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R210	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R212	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R253	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R255	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R256	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R257	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R368	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R369	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R396	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R397	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R411	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R413	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R453	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R484	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R486	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R538	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R602	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R647	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R696	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R8044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R8045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R465	2007-000079	R-CHIP;1.8Kohm,5%,1/10W,TP,1608	1	SA
....4	R377	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	SA
....4	R378	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	SA
....4	R1041_L	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R8018	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R8091	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	SA
....4	R1039_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R1049_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R112_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R131	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R133	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R373	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R375	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R376	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R379	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R380	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R381	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R382	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R383	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R401	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R402	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R460	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R501	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R502	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R503	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R516	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R517	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R518	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R519	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R522	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R540	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R604	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R605	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R615	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R619	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R626	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R627	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R688	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R735	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8031	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8032	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8061	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8063	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8067	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8069	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8075	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8078	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1038_L	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R114	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R362	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R363	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R415	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R646	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R8035	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R8041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R8090	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R612	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	SA
....4	R613	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	SA
....4	R120	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R121	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R113	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R130	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R250	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R251	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R409	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8056	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8059	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8095	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8096	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R111	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R127	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R148	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R601	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R603	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R122	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R128	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R609	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R610	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R628	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R629	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R630	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R634	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R635	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R636	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R639	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8028	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R8029	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8033	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8034	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8036	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8040	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R129_OP	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	1	SA
....4	R105	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R106	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R107	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R466	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R1042_L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R109_L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R523	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R537	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R8017	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R614	2007-000127	R-CHIP;9.1Kohm,5%,1/10W,TP,1608	1	SA
....4	R8002	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8004	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8006	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8008	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8010	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8012	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8014	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8016	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8020	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8022	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8024	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8026	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R221	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R223	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R228	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R232	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R238	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R240	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R350	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R354	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R357	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R243	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R417	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R419	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R623	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R215	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R488	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	SA
....4	R8079	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	SA
....4	R8058	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8060	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8062	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8064	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8072	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8073	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8080	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8081	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R1031_L	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R216	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R218	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R220	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R225	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R227	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R235	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R237	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R241	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R262	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R348	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R351	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R352	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R355	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R370	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R371	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R124	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	1	SA
....4	R205_NT	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R606_OP	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R126	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R217	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R219	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R224	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R226	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R234	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R236	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R244	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R264	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R349	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R353	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R356	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R116	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R611	2007-007730	R-CHIP;6.8MOHM,1%,1/10W,DA,TP,1608	1	S.A
....4	RA606	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA608	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA609	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA610	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	R734	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA602	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA603	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA604	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA605	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA611	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA612	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA613	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA614	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA501	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA502	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA503	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA504	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA505	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA506	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA507	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA508	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA509	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA510	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA511	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA512	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA513	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	R747	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R748	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA601	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA607	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA615	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA701	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA702	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA703	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA704	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA705	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA706	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA707	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R515	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	R733	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C106	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C115	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C117	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C150	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C154	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C155	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C156	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C157	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C160	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C162	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C8060	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C8061	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C8080	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C8082	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C8085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C8087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C8090	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C8104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C165	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C166	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C202	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C204	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C205	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C206	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C228	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C229	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C230	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C231	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C329	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C411	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C514	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C515	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C8044	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C8047	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C8097	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	SA
....4	C1004_L	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C122	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C125	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C137	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C139	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C140	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C158	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C171	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C184	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C185	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C207	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C208	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C209	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C212	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C213	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C214	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C215	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C218	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C219	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C220	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C221	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C224	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C313	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C315	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C316	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C319	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C320	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C322	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C517	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	SA
....4	C210	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C211	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C216	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C217	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C222	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C223	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	SA
....4	C169	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	SA
....4	C510	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C511	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8017	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8046	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8048	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C8049	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8053	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8055	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8062	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8072	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8073	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8081	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8089	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8096	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8099	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8100	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C138	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA
....4	C661	2203-000681	C-CER,CHIP;0.027nF,5%,50V,COG,1608	1	SA
....4	C662	2203-000681	C-CER,CHIP;0.027nF,5%,50V,COG,1608	1	SA
....4	C663	2203-000681	C-CER,CHIP;0.027nF,5%,50V,COG,1608	1	SA
....4	C673	2203-000681	C-CER,CHIP;0.027nF,5%,50V,COG,1608	1	SA
....4	C674	2203-000681	C-CER,CHIP;0.027nF,5%,50V,COG,1608	1	SA
....4	C675	2203-000681	C-CER,CHIP;0.027nF,5%,50V,COG,1608	1	SA
....4	C170	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C325	2203-000783	C-CER,CHIP;0.33nF,5%,50V,COG,1608	1	SA
....4	C326	2203-000783	C-CER,CHIP;0.33nF,5%,50V,COG,1608	1	SA
....4	C416	2203-000783	C-CER,CHIP;0.33nF,5%,50V,COG,1608	1	SA
....4	C417	2203-000783	C-CER,CHIP;0.33nF,5%,50V,COG,1608	1	SA
....4	C8102	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	SA
....4	C8103	2203-000815	C-CER,CHIP;0.033nF,5%,50V,COG,1608	1	SA
....4	C142	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C225	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C317	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C607	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8108	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8109	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8110	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8111	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C314	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,COG,1608	1	SA
....4	C318	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,COG,1608	1	SA
....4	C321	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,COG,1608	1	SA
....4	C134	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C611	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C612	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C613	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C614	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C615	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C616	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C617	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C121	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	SA
....4	C123	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	SA
....4	C172	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	SA
....4	C227	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	SA
....4	C233	2203-000998	C-CER,CHIP;0.047nF,5%,50V,COG,1608	1	SA
....4	C327	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	SA
....4	C328	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	SA
....4	C135	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C8063	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8065	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8067	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8101	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C1001_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1007_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1008_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C114	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C131	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C133	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C146	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C153	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C167	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C175	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C176	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C407	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C414	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C418	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C419	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C420	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C421	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C422	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C423	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C424	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C425	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C426	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C501	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C502	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C503	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C504	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C506	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C507	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C508	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C509	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C516	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C522	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C525	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C527	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C528	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C529	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C530	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C532	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C533	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C534	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C676	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C677	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8013	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8024	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8025	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8029	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8054	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C8092	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C1009_L	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C110	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C513	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8026	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8066	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8069	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8070	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8098	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8051	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8052	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8056	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8057	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8083	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8084	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8093	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8094	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8041	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C8045	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C8001	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8002	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8003	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8004	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8005	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8006	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8007	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8008	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8009	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8010	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8011	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C8012	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C1006_L	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C163	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C164	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C174	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C323	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	C408	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C415	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C505	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C523	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C524	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C526	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C531	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C642	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C678	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C679	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C711	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C721	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8022	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8028	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8042	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8043	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8059	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C8091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C1002_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	S.A
....4	C1003_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	S.A
....4	C104	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C105	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C120	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C126	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C127	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C151	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C152	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C603	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C8058	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C147	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8mm	1	S.A
....4	C109	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C111	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C119_L	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C130	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C132	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C136	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C145	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C141	2402-001238	C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm	1	S.A
....4	C8050	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C8068	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C159	2409-001029	C-ORGANIC,SMD;120uF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A
....4	T0052	2703-002327	INDUCTOR-SMD;3.9uH,5%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	L8001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2.0.124oh	1	S.N.A
....4	L8003	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2.0.124oh	1	S.N.A
....4	X601	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A

[illegible]

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.031	S.N.A
..2	T0524	6902-000358	BAG PE;HDPE/NITRON,T0.015/T0.5,W900,L700	1	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,-	0.005	S.N.A
..2	T0003	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	4.02	S.N.A
0.1	M0003	BN92-01668Z	ASSY BOX;26R71,SEM,(READY),NORMAL STAND	1	S.N.A
..2		BN69-01263L	BOX-01,SET;26R71,DY-01,AB,YEL,A1,LATIN	1.01	S.N.A
0.1	M0019	BN92-02435G	ASSY LABEL;LN26R72BX/XAO,N33A,NEOBORDEAU	1	S.N.A
0.1	M0045	BN92-02440H	ASSY ACCESSORY;LN26R71BAX/XAO,N33A,NEOBD	1	S.N.A
..2	M0045	BN96-04824W	ASSY ACCESSORY-CABLE;32 XAO XAP STR,NEO	1	S.A
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3Y,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	BN59-00604A	REMOCON;Bordeaux Plus,TM87C,SAMSUNG 28P+	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0531	BN63-02323A	COVER-BOTTOM;23,26,32R71,ABS+PMMA,HB,BK2	1	S.A
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	S.A
...4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A
..2	M0045	BN96-04850B	ASSY ACCESSORY;LN26R71BAX/XAO,NEO BORDEA	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-03242F	MANUAL FLYER-02;SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03727A	MANUAL FLYER-01;WARRANTY CARD;All,SAMSUN	1	S.N.A
...3	T0511	BN68-01200A	MANUAL USERS;COMM,SAMSUNG,Eng/Spa/Por,S.	1	S.N.A
0.1	M0112	BN91-01530A	ASSY SHIELD;LN26R71BAX	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	6	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	M2893	BN39-00603B	LEAD CONNECTOR;RE32**,UL1007#26,14P,200m	1	S.A
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00802A	LEAD CONNECTOR;LE32R86BDX,UL1007#26,UL/C	1	S.A
..2	M2893	BN39-00877A	LEAD CONNECTOR;LE40R86BDX,UL1571#30,30P,	1	S.A
..2	T0764	BN44-00156A	SMPS-LCDTV;MK32P,SEM,AC/DC,180W,AC100 ~	1	S.A
..2	M0115	BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.A
..2	M0146	BN61-02207A	BRACKET-PANEL SIDE;Bordeaux 26,SECC,T1.2	4	S.N.A
..2	T0447	BN96-03008E	ASSY BRACKET P-PANEL;NEO BORDEAUX,26,CMO	1	S.N.A
...3	M0146	BN61-02205A	BRACKET-PANEL TOP;Bordeaux 26,SECC,T1.2	1	S.N.A
...3		BN61-02206A	BRACKET-PANEL BOTTOM;Bordeaux 26,SECC,T1	1	S.N.A
...3		BN61-02208C	BRACKET GUIDE-MAIN;BORDEAUX 26,SECC,T1.2	1	S.N.A
...3		BN61-02209B	BRACKET-GUIDE POWER;Bordeaux 26,UO,SECC,	1	S.N.A
...3		BN61-02210A	BRACKET-GUIDE POWER;Bordeaux 26,SECC,T1.	1	S.N.A
...3	M0131	AA63-01401A	GASKET;LE40R71BX,Conductive Fabric,22mm,	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
..2	M0114	BP61-00871A	HOLDER-WIRE;PJTV,NYLON 6.6,BLK	1	S.N.A

6-3 LN32R71BAX Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LN32R71BAX/XAP	LN32R71B,N33A/32R70-GNB,32,LCD-TV,PANAMA	0	
0.1	M0216	BN90-00842A	ASSY STAND;32R71,BORDEAUX	1	S.N.A
..2	M0013	BN96-02998A	ASSY STAND P-BASE;32R71,-,ABS+PMMA,HB,BK	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A
...3	T0920	BN61-02192A	GUIDE-STAND;26,32R71,ABS,V0,BLK	1	S.A
...4	T0514	BN61-02367A	BRACKET-SUPPORT;BORDEAUX 32,SECC,T1.2,-,	1	S.N.A
...3		BN61-02204A	HOLDER-SWIVEL RING;26,32R71,ACETAL,BLK	1	S.N.A
...3		BN61-02232A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,T	1	S.N.A
...3		BN61-02233A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,B	1	S.N.A
...3		BN61-02235A	BRACKET-STAND BOTTOM;BORDEAUX 32,SECC,T2	1	S.N.A
...3		BN61-02236A	BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1	1	S.N.A
...3	T0004	BN63-02321A	COVER-STAND BASE;32R71,ABS+PMMA,-,-,-,HB	1	S.N.A
...3		BN63-02322A	COVER-STAND SUB;32R71,ABS+PMMA,HB,BK23,H	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	8	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A
..2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A
0.1	M0001	BN90-00993H	ASSY COVER FRONT;32R71,LO,ABS+PMMA,HB,BK	1	S.N.A
..2	T0175	BN96-04774A	ASSY SPEAKER P;8ohm,4pin,10W,Neo Bordeau	1	S.A
..2	T0003	BN96-03677P	ASSY COVER P-FRONT;32R71,LO,ABS+PMMA,HB,	1	S.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.48	S.N.A
...3	M0112	BN63-02318D	COVER-FRONT;32R71,SO,ABS+PMMA,HB,BK23,S/	1	S.N.A
...3	T0056	BN63-02320A	COVER-DECORATION;32R71,HIPS,HB,GR503,BLM	1	S.N.A
...3	T0023	BN64-00342A	KNOB POWER;ROME,40,PC,VIOLET	1	S.N.A
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...3	T0054	BN64-00443A	KNOB-DECORATION;32R71,ABS,HB,GR503,VACUU	1	S.A
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	M0145	BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	S.A
...4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	S.N.A
...4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	S.A
...3	M0146	BN96-05154B	ASSY BOARD P-POWER&IR;NEOBOARD,CT507-	1	S.A
...3	CIS	BN63-01151A	FELT-NON WOVEN;MM17NS,T0.5,393,10,BLACK	2	S.N.A
...3	T0069	BP60-00015D	SPACER-FELT;617W,FELT,L760,T0.5,W10	2	S.N.A
0.1	M0002	BN90-00994J	ASSY COVER REAR;32R71,LO,ABS+PMMA,HB,BK2	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	2	S.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK)	13	S.A
..2	M0013	BN96-04846A	ASSY COVER P-REAR;32R71,LO,ABS+PMMA,HB,B	1	S.A
...3	T0069	AA63-60131N	SPACER-FELT;L2,FELT,280*10,BLK,T0.5	2	S.N.A
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.7	S.N.A
...3	T0071	BN64-00608A	INLAY-TERMINAL;NEO BORDEAUX 32",SHEET,T0	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3	M0006	BN63-02319S	COVER-REAR;32R71,LO,SO,ABS+PMMA,-,-,-,HB	1	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A
...3		BN61-02950A	HOLDER-WALL;COMMON,ABS,V0,-,-,-,BK500,-	4	S.N.A
0.1	M0019	BN91-01180F	ASSY LCD;LE32R72BX/*	1	S.N.A
..2	M0215	BN07-00348A	LCD-PANEL;V315B1-L01,8bit,31.5inch,16.7M	1	S.A
0.1	M0017	BN91-01429B	ASSY CHASSIS;LN32R72BX/XAP	1	S.N.A
..2	M0014	BN94-01179A	ASSY PCB MAIN;32 INCH,NEOBORDEAUX	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3,6PI,AG,BLK,N	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001938	JACK-PIN;3P,-,AU,GRN/BLU/RED,-	1	S.A
...3	JA333	3722-002143	JACK-PIN;5P,NI,GRN/BLU/RED/WHT/RED,STRAI	1	S.A
...3	JA333	3722-002523	JACK-PIN;3P,NI,YEL/WHT/RED,STRAIGHT	1	S.A
...3	CIS3	BN40-00091A	TUNER;TCPN3081PA32S(H),TCPN3081PA32S(H),	1	S.A
...3	T0174	BN97-01368A	ASSY SMD;BN94-01179A	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-455,-96.5Sn/	3.112	S.N.A
....4	D109	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D101	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D103	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D105	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D403	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D404	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D505	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D506	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D8001	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8002	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8011	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8012	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8014	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8015	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	D8016	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	1	S.A
....4	D8017	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500MW,LL-3	1	S.A
....4	D211	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D220_NT	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D230	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D331	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D332	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D333	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D334	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D335	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D8013	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D401	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D501	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D106	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A
....4	D201	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D202	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D204	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D206	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D208	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D209	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D210	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D212	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D214	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D215	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D216	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D218	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D219	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D221	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A
....4	D222	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D223	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D224	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D226	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D324	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D325	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D328	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D329	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D330	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D410	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D408	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D502_L	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D503	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D701	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q8001	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	SA
....4	Q8002	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23	1	SA
....4	Q1001_L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q105	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q202	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q205	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q404	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q8003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q102	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q103	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q104_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA
....4	Q301	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	SA
....4	Q302	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	SA
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	SA
....4	IC106	1001-001443	IC-VIDEO SWITCH;PI3HDMI1212,HDMI TMDS S/	1	SA
....4	IC8002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	1	SA
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232ECWE+T,SOP,16P,	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	SA
....4	IC112	1103-001023	IC-EEPROM;24C08,8Kbit,1Kx8Bit,SOP,8P,5x4	1	SA
....4	IC502	1105-001715	IC-VIDEO RAM;K4D261638I,GDDR,128Mbit,4x2	1	SA
....4	IC503	1105-001715	IC-VIDEO RAM;K4D261638I,GDDR,128Mbit,4x2	1	SA
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150ML,DUAL,10	1	SA
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	SA
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	SA
....4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	SA
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	SA
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	SA
....4	IC012	1203-003544	IC-POSI.ADJUST REG.;RT9173BPS,SOP-8,8P,5	1	SA
....4	T0087	1203-003703	IC-POSI.FIXED REG.;AP1117E-18A,SOT-223,3	1	SA
....4	IC507	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	SA
....4	IC506_L	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA
....4	IC508	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA
....4	IC8001	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA
....4	IC118	1204-002730	IC-VIDEO PROCESS;MT8202FG,BGA,388P,27x27	1	SA
....4	IC704	1205-003067	IC-RECEIVER;MT8293,LQFP,128P,14x14mm,PLA	1	SA
....4	R524	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	SA
....4	32_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1011	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1015_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1020_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1021_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1022_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1025_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1028_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1033_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1050_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1051_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R123	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R157	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R222	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R230_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R231	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R233	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R239	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R248_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R263_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R394	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R395	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R421	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R551_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R552_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R555	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R556	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R616	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R618	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R642	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R644	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R666_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R667_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R668_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R669_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R670_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R671_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R672_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R673_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R674_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R675_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R738	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R739	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R740	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R741	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R742	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R743	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R744	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R745	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R746	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R8092	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	SA
....4	R1034_L	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R146	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R147	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R366	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R374	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R617	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R620	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R621	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R622	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R624	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R625	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R643	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	SA
....4	R117	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R118	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R365	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R367	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R386	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R388	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R389	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R405	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R407	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	SA
....4	R1043_L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1048_L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R155	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R156	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R214	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R245	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R246	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R247	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R249_NT	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R252	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R259	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R270_NT	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R345	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R372	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R387	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R390	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R393	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R487	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R504	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R505	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R507	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R508	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R509	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R510	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R511	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R513	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R632	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R633	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R640	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R649	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R662	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R677	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R678	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R691	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R736	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R737	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8046	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8047	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8048	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8049	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8071	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8082	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R8083	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	SA
....4	R1029_EN	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	SA
....4	R110	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	SA
....4	R1040_L	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R391	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R392	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R539	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R8055	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R8057	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	SA
....4	R1044_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
....4	R1045_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R115	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R142	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R143	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R206	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R207	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R209	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R210	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R212	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R253	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R255	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R256	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R257	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R368	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R369	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R396	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R397	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R411	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R413	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R453	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R484	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R486	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R538	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R602	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R647	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R696	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R465	2007-000079	R-CHIP;1.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R377	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R378	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1041_L	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8018	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8091	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1039_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1049_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R112_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R131	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R133	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R373	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R375	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R376	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R379	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R380	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R381	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R382	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R383	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R401	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R402	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R460	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R501	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R502	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R503	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R516	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R517	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R518	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R519	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R522	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R540	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R604	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R605	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R615	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R619	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R626	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R627	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R631	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R688	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R735	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8031	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8032	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8061	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8063	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8067	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8069	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8075	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R8078	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R1038_L	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R114	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R362	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R363	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R415	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R646	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R8035	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R8041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R8090	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA
....4	R612	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	SA
....4	R613	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	SA
....4	R120	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R121	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	SA
....4	R113	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	SA
....4	R130	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R250	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R251	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R409	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8056	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8059	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8095	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R8096	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	SA
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R111	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R127	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R148	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R601	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R603	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	SA
....4	R122	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R128	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	SA
....4	R609	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R610	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R628	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R629	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R630	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R634	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R635	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R636	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R639	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8028	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8029	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8033	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8034	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8036	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R8040	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	SA
....4	R129_OP	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	1	SA
....4	R346	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	SA
....4	R347	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	SA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R384	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	SA
....4	R385	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	SA
....4	R105	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R106	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R107	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R466	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	SA
....4	R1042_L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R109_L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R523	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R537	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R8017	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R614	2007-000127	R-CHIP;9.1Kohm,5%,1/10W,TP,1608	1	SA
....4	R8002	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8004	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8006	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8008	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8010	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8012	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8014	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8016	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8020	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8022	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8024	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8026	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R221	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R223	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R228	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R232	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R238	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R240	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R350	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R354	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R357	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R243	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R417	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R419	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R623	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R215	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R488	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	SA
....4	R8079	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	SA
....4	R8058	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8060	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8062	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8064	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8072	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8073	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8080	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8081	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R1031_L	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R216	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R218	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R220	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R225	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R227	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R235	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R237	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R241	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R262	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R348	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R351	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R352	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R355	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R370	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R371	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R124	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	1	SA
....4	R205_NT	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R606_OP	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R126	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R217	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R219	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R224	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R226	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R234	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R236	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R244	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R264	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R349	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R353	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R356	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R116	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	1	SA
....4	R611	2007-007730	R-CHIP;6.8MOHM,1%,1/10W,DA,TP,1608	1	SA
....4	RA606	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA608	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA609	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	RA610	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	SA
....4	R734	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA602	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA603	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA604	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA605	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA611	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA612	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA613	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA614	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA501	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA502	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA503	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA504	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA505	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA506	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA507	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA508	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA509	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA510	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA511	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA512	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	RA513	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	R747	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	R748	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA601	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA607	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA615	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA701	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA702	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA703	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA704	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA705	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA706	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	RA707	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	SA
....4	R515	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	R733	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	SA
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C106	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C115	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C117	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA
....4	C128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	SA

6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C712	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C713	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C714	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C715	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C716	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C717	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C718	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C719	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C720	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C722	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C723	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C724	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C725	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C726	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8060	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8061	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8080	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8082	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8090	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C165	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C166	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C202	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C204	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C205	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C206	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C228	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C229	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C230	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C231	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C329	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C411	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C514	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C515	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8044	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8047	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8097	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1004_L	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C122	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C125	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C137	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C139	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C140	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C158	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C171	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	C185	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C207	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C208	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C209	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	C213	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C214	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	C218	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	C220	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C221	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	C224	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C313	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C315	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C316	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C319	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C320	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C322	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C517	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C210	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C211	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C216	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C217	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C222	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C223	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C169	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C510	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C511	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8017	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8046	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8048	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8049	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8053	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8055	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8062	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8072	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8073	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8081	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8089	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8096	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8099	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8100	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C138	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A
....4	C661	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C662	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C663	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C673	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C674	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C675	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C170	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C325	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C326	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C416	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C417	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C8102	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C8103	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C142	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C225	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C317	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C607	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C8108	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C8109	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C8110	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C8111	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C314	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	S.A
....4	C318	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	S.A
....4	C321	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	S.A
....4	C134	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C611	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A
....4	C612	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A
....4	C613	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A
....4	C614	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A
....4	C615	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A
....4	C616	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A
....4	C617	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C121	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C123	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C172	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C227	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C233	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C327	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	S.A
....4	C328	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	S.A
....4	C135	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C8063	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C8065	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C8067	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C8101	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A
....4	C1001_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1007_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C1008_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C114	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C131	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C133	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C146	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C153	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C167	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C175	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C176	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C407	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C414	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C418	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C419	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C420	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C421	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C422	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C423	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C424	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C425	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C426	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C501	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	C506	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	C508	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C509	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	C522	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C525	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C527	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	C532	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C533	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C534	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C676	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C677	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8013	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8024	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8025	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C8029	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C8054	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C8092	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	SA
....4	C1009_L	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C110	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C513	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8026	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8066	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8069	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8070	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8098	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	SA
....4	C8051	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8052	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8056	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8057	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8083	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8084	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8093	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8094	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	SA
....4	C8041	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C8045	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	SA
....4	C8001	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8002	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8003	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8004	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8005	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8006	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8007	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8008	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8009	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8010	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8011	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8012	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C1006_L	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C163	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C164	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C174	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C323	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C401	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C408	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C415	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C505	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C523	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C524	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C526	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C531	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C642	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C678	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C679	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C711	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C721	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8022	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8028	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8042	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8043	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8059	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C1002_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	S.A
....4	C1003_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	S.A
....4	C104	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C105	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C120	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C126	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C127	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C151	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C152	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C603	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C8058	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C147	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8mm	1	S.A
....4	C109	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C111	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C119_L	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C130	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C132	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C136	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C145	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C141	2402-001238	C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm	1	S.A
....4	C8050	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C8068	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C159	2409-001029	C-ORGANIC,SMD;120uF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A
....4	T0052	2703-002327	INDUCTOR-SMD;3.9uH,5%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	L8001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A
....4	L8003	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A
....4	X601	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A

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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	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A
....4	JA401	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A
....4	C626	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	C627	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	S.A
....4	M0018	BN97-01488A	ASSY MICOM;T-NBDMNSA-1002,N33A,200703.12	1	S.N.A
....5	IC115	1107-001453	IC-FLASH MEMORY;29W160E,16Mbit,2Mx8/1Mx1	1	S.N.A
....4	C161	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8031	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8032	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8034	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C8107	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	R1036_L	2007-000083	R-CHIP;3Kohm,5%,1/10W,TP,1608	1	S.A
....4	C602	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C604	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	T0077	BN41-00823B	PCB MAIN;JASMINE,FR-4,4,MP2,0.1,6T,192*1	1	S.N.A
....4	R454	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R456	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R457	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R458	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R461	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R462	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R463	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R464	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
....4	R8094	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	S.A
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,TO.3,49.5,79.5,HE	1	S.N.A
...3	SILICON RU	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI	1	S.N.A
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A
...3	HDCP	BN97-00688A	ASSY HDCP;BN46-00018A,PS-42V6S,D73A,GENE	1	S.N.A
....4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42MSS,	1	S.N.A
...3	JA306	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A
0.1	M0113	BN92-01664A	ASSY P/MATERIAL;32R71,BORDEAUX	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,TO.2,L1000,W500,TRP,,,	0.035	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,TO.2,W1000,L1800,TRP,-,-	0.006	S.N.A
..2	T0003	6902-000604	BAG WRAPPING;LDPE,TO.02,W500,L10000,TRP,	6.45	S.N.A
..2	T0524	6902-000519	BAG PE;HDPE/NITRON(DOUBLE),TO.015/TO.05(	1	S.N.A
0.1	M0003	BN92-01893C	ASSY BOX;32R71,SEM,(READY),-,-,-	1	S.N.A
..2	T0130	BN69-01260M	BOX-00,SET;32R71,DY-01,AB,YEL,A1,LATIN	1.01	S.N.A
0.1	M0019	BN92-02435P	ASSY LABEL;LN32R72BX/XAP,N33A,NEOBORDEAU	1	S.N.A
0.1	M0045	BN92-02440J	ASSY ACCESSORY;LN32R71BAX/XAP,N33A,NEOBD	1	S.N.A
..2	M0045	BN96-04824W	ASSY ACCESSORY-CABLE;32 XAO XAP STR,NEO	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,TO.05,W250,L400,TRP,28,2	1	S.N.A
...3	T0074	BN59-00604A	REMOCON;Bordeaux Plus,TM87C,SAMSUNG 28P+	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0531	BN63-02323A	COVER-BOTTOM;23,26,32R71,ABS+PMMA,HB,BK2	1	S.A
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,SCREW	1	S.A
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A
....4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,TO.05,W200,L150,TRP,8,2-	1	S.N.A
..2	M0045	BN96-04850A	ASSY ACCESSORY;LN23R72BX/XAP,NEO BORDEAU	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,TO.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-03242F	MANUAL FLYER-02;SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03727A	MANUAL FLYER-01;WARRANTY CARD;All,SAMSUN	1	S.N.A
...3	T0511	BN68-01200A	MANUAL USERS;COMM,SAMSUNG,Eng/Spa/Por,S.	1	S.N.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0.1	M0112	BN91-01531A	ASSY SHIELD;LN32R71BAX	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	3	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	8	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A
..2	M2893	BH39-00362G	LEAD CONNECTOR;SONOMA,UL1007#26,5PIN,100	1	S.A
..2	M2893	BN39-00603M	LEAD CONNECTOR;LE40R73BDX,UL1007#26,UL/C	1	S.A
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00802A	LEAD CONNECTOR;LE32R86BDX,UL1007#26,UL/C	1	S.A
..2	M2893	BN39-00877A	LEAD CONNECTOR;LE40R86BDX,UL1571#30,30P,	1	S.A
..2	T0764	BN44-00156A	SMPS-LCDTV;MK32P,SEM,AC/DC,180W,AC100 ~	1	S.A
..2	M0146	BN61-02196A	BRACKET-PANEL SIDE;Bordeaux 32,SECC,T1.2	1	S.N.A
..2	M0146	BN61-02197A	BRACKET-PANEL SIDE;Bordeaux 32,SECC,T1.2	1	S.N.A
..2	M0115	BN61-02201A	BRACKET-STAND LINK;Bordeaux 32,SECC,T1.6	1	S.A
..2	T0447	BN96-02999N	ASSY BRACKET P-PANEL;NEO BORDEAUX,32,CMO	1	S.N.A
...3	M0146	BN61-02194A	BRACKET-PANEL TOP;Bordeaux 32,SECC,T1.2	1	S.N.A
...3		BN61-02195A	BRACKET-PANEL BOTTOM;Bordeaux 32,SECC,T1	1	S.N.A
...3		BN61-02198C	BRACKET GUIDE-MAIN;BORDEAUX 32,SECC,T1.2	1	S.N.A
...3		BN61-02199B	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	S.N.A
...3		BN61-02200A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	S.N.A
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	S.N.A
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A
..2	M0059	BN96-04942A	ASSY BOARD P-HOLDER AV;LN32R71BAX,CT5000	1	S.N.A
...3	M2893	BN39-00821A	LEAD CONNECTOR;NEO BORDEAUX 32" / 40",UL	1	S.A
...3		BN61-02193A	HOLDER-SIDE AV;32R71,EO,KO,SO,ABS+PMMA,H	1	S.N.A
...3	T0578	BN64-00454B	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.N.A
..2	M0114	BP61-00871A	HOLDER-WIRE;PJTV,NYLON 6.6,BLK	1	S.N.A

6 Electrical Parts List

6-4 LN40R71BAX Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0		LN40R71BAX/XAP	LN40R71B,N33A/40R70-GNB,40,LCD-TV,PANAMA	0	
0.1	M0216	BN90-00847A	ASSY STAND;40R71,BORDEAUX	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
..2	M0013	BN96-03016A	ASSY STAND P-BASE;40R71,-,ABS+PMMA,HB,BK	1	S.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(WHT),S	4	S.A
...3	T0920	BN61-02246A	GUIDE-STAND;40R71,ABS,V0,BLK	1	S.A
....4	T0514	BN61-02368A	BRACKET-SUPPORT;BORDEAUX 40,SECC,T1.2	2	S.N.A
...3		BN61-02247A	HOLDER-SWIVEL RING;40R71,ACETAL,BLK	1	S.N.A
...3		BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A
...3		BN61-02249A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,B	1	S.N.A
...3		BN61-02259A	BRACKET-STAND BOTTOM;BORDEAUX 40,SGHC,T3	1	S.N.A
...3		BN61-02260A	BRACKET-HINGE SWIVEL;BORDEAUX 40,SGHC,T3	1	S.N.A
...3	T0004	BN63-02364A	COVER-STAND BASE;40R71,ABS+PMMA,HB,BK23,	1	S.N.A
...3		BN63-02365A	COVER-STAND SUB;40R71,ABS+PMMA,HB,BK23,H	1	S.N.A
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1.	4	S.N.A
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	S.N.A
0.1	M0001	BN90-01113B	ASSY COVER FRONT;40R71,LO,ABS+PMMA,HB,BK	1	S.N.A
..2	T0003	BN96-03011D	ASSY COVER P-FRONT;40R71,SO,ABS+PMMA,HB,	1	S.A
...3	T0060	BN61-01655A	SPRING ETC;STS-304 SUS,D8,L12,T0.5	1	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	1.983	S.N.A
...3	M0112	BN63-02361D	COVER-FRONT;40R71,SO,ABS+PMMA,HB,BK23,S/	1	S.N.A
...3	T0056	BN63-02363A	COVER-DECORATION;40R71,HIPS,HB,GR503,BLM	1	S.N.A
...3	T0023	BN64-00342A	KNOB POWER;ROME,40,PC,VIOLET	1	S.N.A
...3	T0059	BN64-00366A	INDICATOR LED;ROME-I,PC,CLEAR,ALL MODEL	1	S.N.A
...3	T0054	BN64-00443A	KNOB-DECORATION;32R71,ABS,HB,GR503,VACUU	1	S.N.A
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A
...3	M0145	BN96-03404A	ASSY BOARD P-FUNCTION&KNOB;Bordeaux,CT50	1	S.A
....4	T0022	BN64-00442A	KNOB CONTROL;26,32,40R71,PC,BLK,ACRYL CL	1	S.N.A
....4	M0145	BN96-03045A	ASSY BOARD P-FUNCTION;BORDEAUX,FUNCTION	1	S.A
...3	M0146	BN96-03405A	ASSY BOARD P-POWER;BORDEAUX1,CT5000-4140	1	S.A
...3	T0069	AA60-00091P	SPACER-FELT;FELT,500X10,BLK,T0.5	2	S.N.A
...3	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..2	T0175	BN96-04774A	ASSY SPEAKER P;8ohm,4pin,10W,Neo Bordeau	1	S.A
0.1	M0002	BN90-01114C	ASSY COVER REAR;40R71,LO,ABS+PMMA,HB,BK2	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)	2	S.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	14	S.A
..2	M0013	BN96-03013W	ASSY COVER P-REAR;40R71,LO,ABS+PMMA,HB,B	1	S.A
...3		BN61-02776A	HOLDER-WALL;32R7,ABS,HB,BLK	1	S.N.A
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	0.99	S.N.A
...3	M0006	BN63-02362A	COVER-REAR;40R71,EO,SO,CO,ABS+PMMA,HB,BK	1	S.N.A
...3	T0071	BN64-00608A	INLAY-TERMINAL;NEO BORDEAUX 32",SHEET,T0	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
0.1		BN91-01180N	ASSY LCD-AUO;LNS4041DX/*	1	S.N.A
..2	M0215	BN07-00370A	LCD-PANEL;T400XW02,8bit,40inch,16.7M,16:	1	S.A
0.1	M0112	BN91-01427D	ASSY SHIELD;40 INCH,N33A,NEOBORDEAUX	1	S.N.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	5	S.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	3	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	9	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A
..2	M2893	BH39-00362B	LEAD CONNECTOR;RE32**,UL1007#26,5P,150mm	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A
..2	M2893	BN39-00716B	LEAD CONNECTOR;LE40R71BX/XEC,UL3239#24,2	1	S.A
..2	M2893	BN39-00717A	LEAD CONNECTOR;LE32R71BX/XEC,UL3443#28,5	1	S.A
..2	M2893	BN39-00802B	LEAD CONNECTOR;LE40R86BDX,UL1007#26,24PI	1	S.A
..2	M2893	BN39-00810B	LEAD CONNECTOR-LVDS;LN40R81BX,UL1571#30,	1	S.A
..2	M0174	BN44-00134A	IP BOARD;SIP40,LE40R71B,2.0-3.0mA,6.0-7.	1	S.A
..2	M0146	BN61-02256B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A
..2	M0146	BN61-02257B	BRACKET-PANEL SIDE;Bordeaux 40,SECC,T1.2	1	S.N.A
..2	M0115	BN61-02258A	BRACKET-STAND LINK;Bordeaux 40,SECC,T1.6	1	S.N.A
..2	T0447	BN96-03009H	ASSY BRACKET P-PANEL;NEO BORDEAUX,40,AUO	1	S.N.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+B,M3,L6,ZPC(BLK),SWRC	1	S.A
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+B,M3,L6,ZPC(BLK),SWRC	2	S.A
...3	M0146	BN61-02251B	BRACKET-PANEL TOP;Bordeaux 40,SECC,T1.2	1	S.N.A
...3		BN61-02252B	BRACKET-PANEL BOTTOM;Bordeaux 40,SECC,T1	1	S.N.A
...3		BN61-02253C	BRACKET-GUIDE MAIN;BORDEAUX 40,SECC,T1.2	1	S.N.A
...3		BN61-02254B	BRACKET-GUIDE POWER;Bordeaux 40,UO,SECC,	1	S.N.A
...3		BN61-02255A	BRACKET-GUIDE POWER;Bordeaux 40,SECC,T1.	1	S.N.A
...3	T0101	BN61-02427A	BRACKET-WALL;BORDEAUX 40,SECC,T1.2	1	S.N.A
...3	T0514	BN61-02778A	BRACKET-SUPPORT;40M7,SECC T1.2	1	S.N.A
..2	M0059	BN96-03056B	ASSY BOARD P-HOLDER AV;40R71,SO,ABS+PMMA	1	S.N.A
...3		BN61-02250A	HOLDER-SIDE AV;40R71,EO,KO,SO,ABS+PMMA,H	1	S.N.A
...3	T0578	BN64-00454B	INLAY AV;BORDEAUX,PS SHEET,T0.3,-,BLAC	1	S.N.A
...3	M0020	BN96-02439A	ASSY BOARD P-SUB AV SIDE;MILANO,CT5000-3	1	S.N.A
...3	M2893	BN39-00672A	LEAD CONNECTOR;LNR329DX/XAA,UL2835#28,UL	1	S.A
..2	M0114	BP61-00871A	HOLDER-WIRE;PJT,V,NYLON 6.6,BLK	1	S.N.A
0.1	M0017	BN91-01429D	ASSY CHASSIS;LN40R71BAX/RCL	1	S.N.A
..2	M0014	BN94-01214A	ASSY PCB MAIN;40 INCH,NEO BORDEAUX	1	S.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	JA306	3701-001294	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU	1	S.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A
...3	CN330	3711-004909	HEADER-BOARD TO CABLE;BOX,14P,2R,2MM,ANG	1	S.A
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2.0mm,S	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001903	JACK-PIN;2P,-,AU,WHT/RED,-	1	S.A
...3	JA333	3722-001938	JACK-PIN;3P,-,AU,GRN/BLU/RED,-	1	S.A
...3	JA333	3722-002143	JACK-PIN;5P,NI,GRN/BLU/RED/WHT/RED,STRAI	1	S.A
...3	JA333	3722-002523	JACK-PIN;3P,NI,YEL/WHT/RED,STRAIGHT	1	S.A
...3	T0562	6046-001012	STAND OFF;M3,L6,NI PLT,SUM24L,#4-40	2	S.N.A
...3	CIS3	BN40-00091A	TUNER;TCPN3081PA32S(H),TCPN3081PA32S(H),	1	S.A
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE	1	S.N.A
...3	SILICON RU	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI	1	S.N.A
...3	T0174	BN97-01437A	ASSY SMD;40 INCH,NEOBORDEAUX	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45S,-96.5Sn/	3.112	S.N.A
....4	D109	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D101	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D103	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D105	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D602	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D8001	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8002	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D8011	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D8012	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	SA
....4	D8014	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	SA
....4	D8015	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	SA
....4	D107	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	SA
....4	D8016	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500mW,LL-3	1	SA
....4	D8017	0403-000314	DIODE-ZENER;RLZJ9.1B,8.8-9.3V,500mW,LL-3	1	SA
....4	D211	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D220_NT	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D230	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D331	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D332	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D333	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D334	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D335	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D504	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D603	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D8013	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	SA
....4	D401	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	SA
....4	D501	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	SA
....4	D106	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	SA
....4	D407	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	SA
....4	D8004	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	SA
....4	D201	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D202	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D204	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D206	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D208	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D209	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D210	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D212	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D214	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D215	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D216	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D218	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D219	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D221	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D222	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D223	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D224	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D226	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D324	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D325	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D328	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D329	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D330	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D338	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D339	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D409	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D410	0406-001172	DIODE-TVS;CDS3C30GTH,48V,0W,SMD	1	SA
....4	D408	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D502_L	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D503	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	D701	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	SA
....4	Q8001	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	SA
....4	Q8002	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	1	SA
....4	Q1001_L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q105	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q202	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q205	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q401	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q404	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q8003	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	SA
....4	Q102	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q103	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q104_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q301	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A
....4	Q302	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	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	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC520	0903-001485	IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR,	1	S.A
....4	IC106	1001-001443	IC-VIDEO SWITCH;PI3HDMI1212,HDMI TMDS S/	1	S.A
....4	IC8002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	1	S.A
....4	IC110	1006-001076	IC-DRIVER/RECEIVER;MAX232CEWE+T,SOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001023	IC-EEPROM;24C08,8Kbit,1Kx8Bit,SOP,8P,5x4	1	S.A
....4	IC112	1103-001279	IC-EEPROM;24C32,32Kbit,4Kx8Bit,SOP,8P,5x	1	S.A
....4	IC502	1105-001715	IC-VIDEO RAM;K4D261638I,GDDR,128Mbit,4x2	1	S.A
....4	IC503	1105-001715	IC-VIDEO RAM;K4D261638I,GDDR,128Mbit,4x2	1	S.A
....4	IC115	1107-001453	IC-FLASH MEMORY;29W160E,16Mbit,2Mx8/1Mx1	1	S.N.A
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A
....4	T0124	1201-002430	IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,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	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A
....4	T0087	1203-002855	IC-POSI.FIXED REG.;MC33269DTRK-5.0,DPRK,	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	IC012	1203-003544	IC-POSI.ADJUST REG.;RT9173BPS,SOP-8,8P,5	1	S.A
....4	T0087	1203-003703	IC-POSI.FIXED REG.;AP1117E-18A,SOT-223,3	1	S.A
....4	IC507	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A
....4	IC506_L	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC508	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC604	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC8001	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC118	1204-002729	IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17	1	S.A
....4	IC118	1204-002730	IC-VIDEO PROCESS;MT8202FG,BGA,388P,27x27	1	S.A
....4	IC704	1205-003067	IC-RECEIVER;MT8293,LQFP,128P,14x14mm,PLA	1	S.A
....4	D403	1405-001185	VARIATOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
....4	D404	1405-001185	VARIATOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
....4	D601	1405-001185	VARIATOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A
....4	R524	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	40_	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1011	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1015_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1020_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1021_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1022_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1025_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1028_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1033_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1037_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1050_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R1051_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R123	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R157	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R222	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R230_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R231	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R233	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R239	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R248_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R263_OP	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R270_NT	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R421	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R454	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R456	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R457	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R458	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R461	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R462	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R463	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R464	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R551_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R552_L	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R555	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R556	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R616	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R618	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R642	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R644	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R666_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R667_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R668_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R669_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R670_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R671_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R672_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R673_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R674_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R675_B	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R689_DE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R690_DE	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R738	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R739	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R740	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R741	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R742	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R743	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R744	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R745	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R746	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R8027	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R8084	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R8092	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R146	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R147	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R366	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R374	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R617	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R620	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R621	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R622	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R624	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R625	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R643	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R117	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R118	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R365	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R1048_L	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R125	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R155	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R156	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R214	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R245	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R246	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R247	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R249_NT	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R252	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R259	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R345	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R372	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R387	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R390	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R393	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R487	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R504	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R505	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R507	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R508	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R509	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R510	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R511	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R512	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R513	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R514	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R632	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R633	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R640	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R649	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R677	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R678	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R691	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R736	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R737	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8046	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8047	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8048	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8049	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8071	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8082	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R8083	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R1029_EN	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R1034_L	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R110	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R1040_L	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R391	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R392	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R539	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R8055	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R8057	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R1044_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1045_L	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R115	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R142	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R143	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R206	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R207	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R209	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R210	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R212	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R253	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R255	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R256	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R257	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R368	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R369	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R396	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R397	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R411	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R413	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R453	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R484	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R486	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R538	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R602	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R647	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R695_P	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R696	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8044	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8045	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R465	2007-000079	R-CHIP;1.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R377	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R378	2007-000080	R-CHIP;2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1041_L	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1042_L	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R692	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8018	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8091	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1039_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1049_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R108	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R112_L	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R131	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R133	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R373	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R375	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R376	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R379	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R380	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R381	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R382	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R383	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R460	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R501	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R502	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R503	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R516	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R517	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R518	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R519	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R522	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R540	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R604	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R605	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R615	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R619	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R626	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R627	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R631	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R688	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R735	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8031	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8032	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8061	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8063	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8067	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8069	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8075	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8078	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1038_L	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R114	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R362	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R363	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R415	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R506	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R646	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8035	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8041	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8090	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R612	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	S.A
....4	R613	2007-000091	R-CHIP;12Kohm,5%,1/10W,TP,1608	1	S.A
....4	R120	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R121	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R113	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R130	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R250	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R251	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8056	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8059	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8095	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8096	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A
....4	R102	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R111	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R127	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R148	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R601	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R603	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R122	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	S.A
....4	R128	2007-000106	R-CHIP;220Kohm,5%,1/10W,TP,1608	1	S.A
....4	R609	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R610	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R628	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R629	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R630	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R634	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R635	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R636	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R639	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8028	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8029	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8033	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8034	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8036	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8040	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R8089_DE	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R129_OP	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	1	S.A
....4	R346	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R347	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R384	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R385	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A
....4	R105	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R106	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R107	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R466	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R1036_L	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R109	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R401	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R402	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R523	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R537	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R8017	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R614	2007-000127	R-CHIP;9.1Kohm,5%,1/10W,TP,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R8002	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8004	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8006	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8008	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8010	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8012	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8014	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8016	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8020	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8022	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8024	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R8026	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	SA
....4	R221	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R223	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R228	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R232	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R238	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R240	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R350	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R354	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R357	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	SA
....4	R243	2007-000293	R-CHIP;100ohm,5%,1/4W,TP,3216	1	SA
....4	R623	2007-000402	R-CHIP;150ohm,5%,1/10W,TP,1608	1	SA
....4	R8094	2007-000416	R-CHIP;15ohm,5%,1/10W,TP,1608	1	SA
....4	R215	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	SA
....4	R488	2007-000659	R-CHIP;27ohm,5%,1/10W,TP,1608	1	SA
....4	R8079	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	SA
....4	R8058	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8060	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8062	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8064	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8072	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8073	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8080	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R8081	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SA
....4	R1031_L	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	SA
....4	R216	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R218	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R220	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R225	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R227	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R235	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R237	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R241	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R262	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R348	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R351	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R352	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R355	2007-000950	R-CHIP;47ohm,5%,1/4W,TP,3216	1	SA
....4	R370	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R371	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SA
....4	R124	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	1	SA
....4	R205_NT	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R606_OP	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	SA
....4	R126	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R217	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R219	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R224	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R226	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R234	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R236	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R244	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R264	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	SA
....4	R349	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R353	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA
....4	R356	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R116	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R611	2007-007730	R-CHIP;6.8MOHM,1%,1/10W,DA,TP,1608	1	S.A
....4	RA606	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA608	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA609	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA610	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	R734	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA602	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA603	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA604	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA605	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA611	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA612	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA613	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA614	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA501	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA502	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA503	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA504	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA505	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA506	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA507	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA508	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA509	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA510	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA511	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA512	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	RA513	2011-000816	R-NET;100ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	R747	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R748	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA601	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA607	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA615	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA701	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA702	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA703	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA704	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA705	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA706	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA707	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	R515	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	R733	2011-001011	R-NET;10Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x1	1	S.A
....4	C101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C106	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C115	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C117	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C150	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C154	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C155	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C156	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C157	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C160	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C162	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C168	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C173	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C324	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C403	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C512	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C601	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C606	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C608	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C609	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C610	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

6 Electrical Parts List

[illegible]

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C8087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8090	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C8104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C165	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C166	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C202	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C204	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C205	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C206	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C228	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C229	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C230	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C231	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C329	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C411	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C514	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C515	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8044	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8047	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C8097	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C1004_L	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C102	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C116	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C118	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C122	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C124	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C125	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C137	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C139	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C140	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C158	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C171	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	C185	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C207	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C208	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C209	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	C213	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C214	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	C218	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	C220	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C221	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C224	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C313	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C315	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C316	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C319	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C320	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C322	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C517	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C210	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C211	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C216	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C217	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C222	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C223	2203-000384	C-CER,CHIP;0.015nF,5%,50V,C0G,1608	1	S.A
....4	C169	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C510	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C511	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8017	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8046	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8048	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C8049	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C8053	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8055	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8062	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8072	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8073	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8081	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8089	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8096	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8099	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C8100	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA
....4	C138	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA
....4	C626	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C627	2203-000552	C-CER,CHIP;0.02nF,5%,50V,C0G,1608	1	SA
....4	C661	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C662	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C663	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C673	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C674	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C675	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	SA
....4	C170	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	SA
....4	C325	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C326	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C416	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C417	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	SA
....4	C8102	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C8103	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	SA
....4	C142	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C225	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C317	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C607	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8108	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8109	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8110	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C8111	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	SA
....4	C314	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C318	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C321	2203-000903	C-CER,CHIP;0.0047nF,0.25pF,50V,C0G,1608	1	SA
....4	C134	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	SA
....4	C611	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C612	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C613	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C614	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C615	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C616	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C617	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	SA
....4	C121	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C123	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C172	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C227	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C233	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C303_L	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	SA
....4	C327	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	SA
....4	C328	2203-001083	C-CER,CHIP;0.0050nF,0.1pF,50V,NP0,1608	1	SA
....4	C135	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	SA
....4	C8063	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8065	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8067	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C8101	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	SA
....4	C1001_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1007_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C1008_L	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C114	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C129	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C131	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C133	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA
....4	C146	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	SA

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C148	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C153	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C167	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C175	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C176	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C407	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C414	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C418	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C419	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C420	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C421	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C422	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C423	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C424	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C425	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C426	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C501	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	C506	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	C508	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C509	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	C522	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C525	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C527	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	C532	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C533	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C534	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C676	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C677	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8013	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8014	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8015	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8019	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8021	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8024	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8025	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8027	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8029	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C8054	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C8092	2203-005030	C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216	1	S.A
....4	C1009_L	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C110	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C513	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C8026	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C8066	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C8069	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C8070	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C8098	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C8051	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8052	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8056	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8057	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8083	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8084	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8093	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8094	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C8041	2203-005437	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,3216	1	S.A
....4	C8045	2203-005437	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,3216	1	S.A
....4	C8001	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	C8002	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8003	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8004	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8005	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8006	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8007	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8008	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8009	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8010	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8011	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C8012	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	SA
....4	C1006_L	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C163	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C164	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C174	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C323	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C401	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C408	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C415	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C505	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C523	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C524	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C526	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C531	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C605	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C619	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C630	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C642	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C648	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C678	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C679	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C711	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C721	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8020	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8022	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8023	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8028	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8042	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8043	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8059	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8088	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C8091	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	SA
....4	C1002_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	SA
....4	C1003_L	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	SA
....4	C8034	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	1	SA
....4	C602	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7mm	1	SA
....4	C604	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.7mm	1	SA
....4	C161	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	SA
....4	C8031	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	SA
....4	C8032	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	SA
....4	C8107	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	1	SA
....4	C104	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C105	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C120	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C126	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C127	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C151	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C152	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C603	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C8058	2402-001128	C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm	1	SA
....4	C147	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8mm	1	SA
....4	C109	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C111	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C119_L	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C130	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA
....4	C132	2402-001183	C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM	1	SA

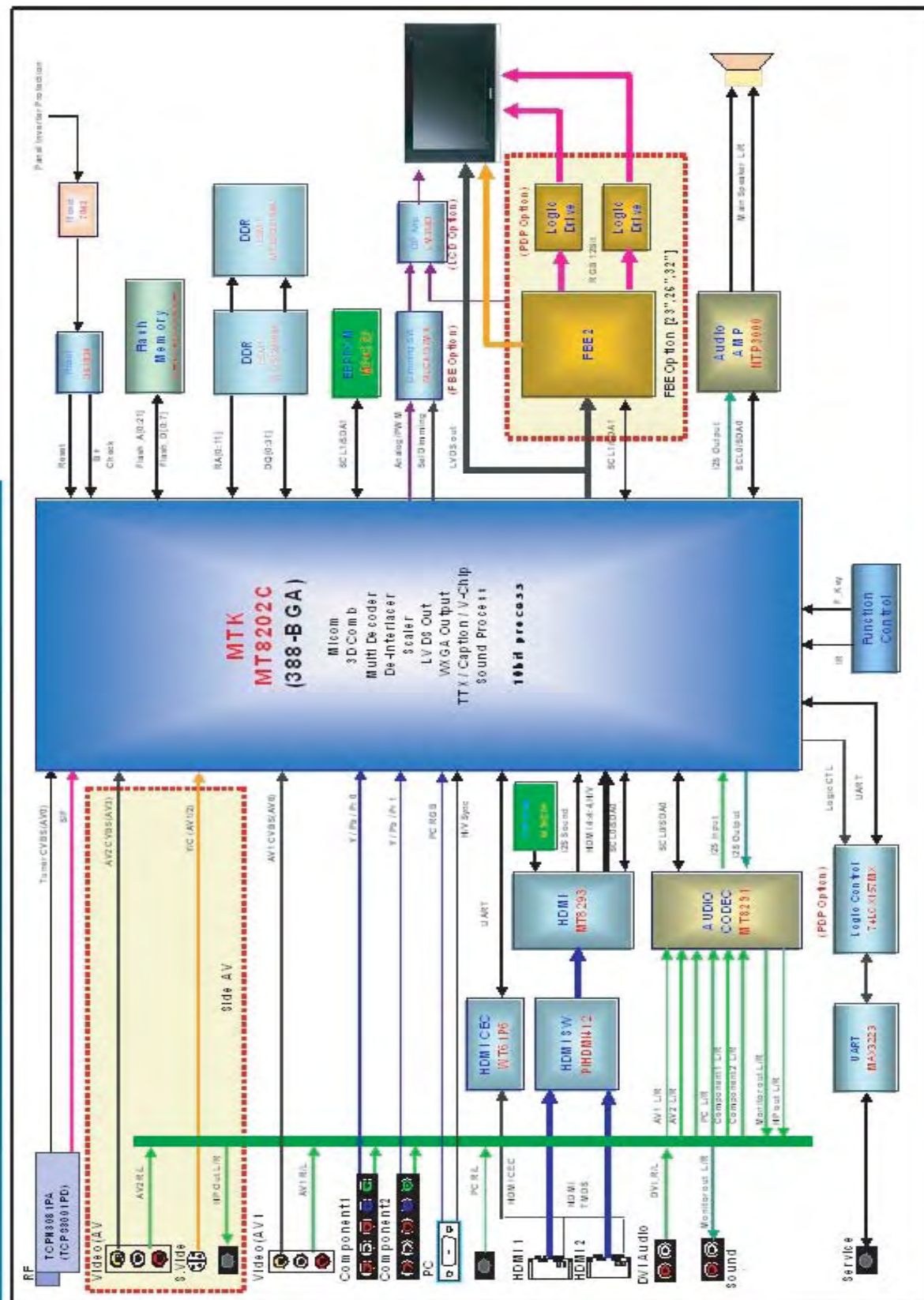
Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C136	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C145	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C141	2402-001238	C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm	1	S.A
....4	C8050	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C8068	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C159	2409-001029	C-ORGANIC;120uF,20%,6.3V,WT,TP,10.3x10.3	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A
....4	T0052	2703-002327	INDUCTOR-SMD;3.9uH,5%,3225	1	S.A
....4	T0052	2703-002722	INDUCTOR-SMD;22uH,20%,12x12mm	1	S.A
....4	L8001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.NA
....4	L8003	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.NA
....4	X602	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A
....4	X601	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.NA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.NA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.NA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.NA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.NA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.NA
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.NA
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.NA
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.NA
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.NA
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.NA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.NA
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.NA
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,0.1ohm	1	S.A
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.NA
....4	J#401	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A
....4	T0077	BN41-00823A	PCB MAIN;Jasmine,FR-4,4,1.6T,192*158,1	1	S.NA
0.1	M0113	BN92-01665A	ASSY P/MATERIAL;40R71,BORDEAUX	1	S.NA
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.049	S.NA
..2	T0524	6902-000524	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.NA
..2	T0376	6902-000001	BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,LDPE	0.016	S.NA

6 Electrical Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
0.1	M0019	BN92-02435T	ASSY LABEL;LN40R72BX/XAP,N33A,NEOBORDEAU	1	S.N.A
0.1	M0045	BN92-02440N	ASSY ACCESSORY;LN40R71BAX/XAP,N33A,NEOBD	1	S.N.A
..2	M0045	BN96-04824X	ASSY ACCESSORY-CABLE;40 XAO XAP STR,NEO	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	BN59-00604A	REMOCON;Bordeaux Plus,TM87C,SAMSUNG 28P+	1	S.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,310,320,RHCM	1	S.N.A
...3	T0531	BN63-02366A	COVER-BOTTOM;40R71,ABS+PMMA,HB,BK23,H/GL	1	S.A
..2	M0045	BN96-04850A	ASSY ACCESSORY;LN23R72BX/XAP,NEO BORDEAU	1	S.N.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	T0210	AA68-03242F	MANUAL FLYER-01,SAFETY GUIDE;All Model,S	1	S.N.A
...3	ACCESSORY	AA68-03727A	MANUAL FLYER-01,WARRANTY CARD;All,SAMSUN	1	S.N.A
...3	T0511	BN68-01200A	MANUAL USERS;COMM,SAMSUNG,Eng/Spa/Por,S.	1	S.N.A

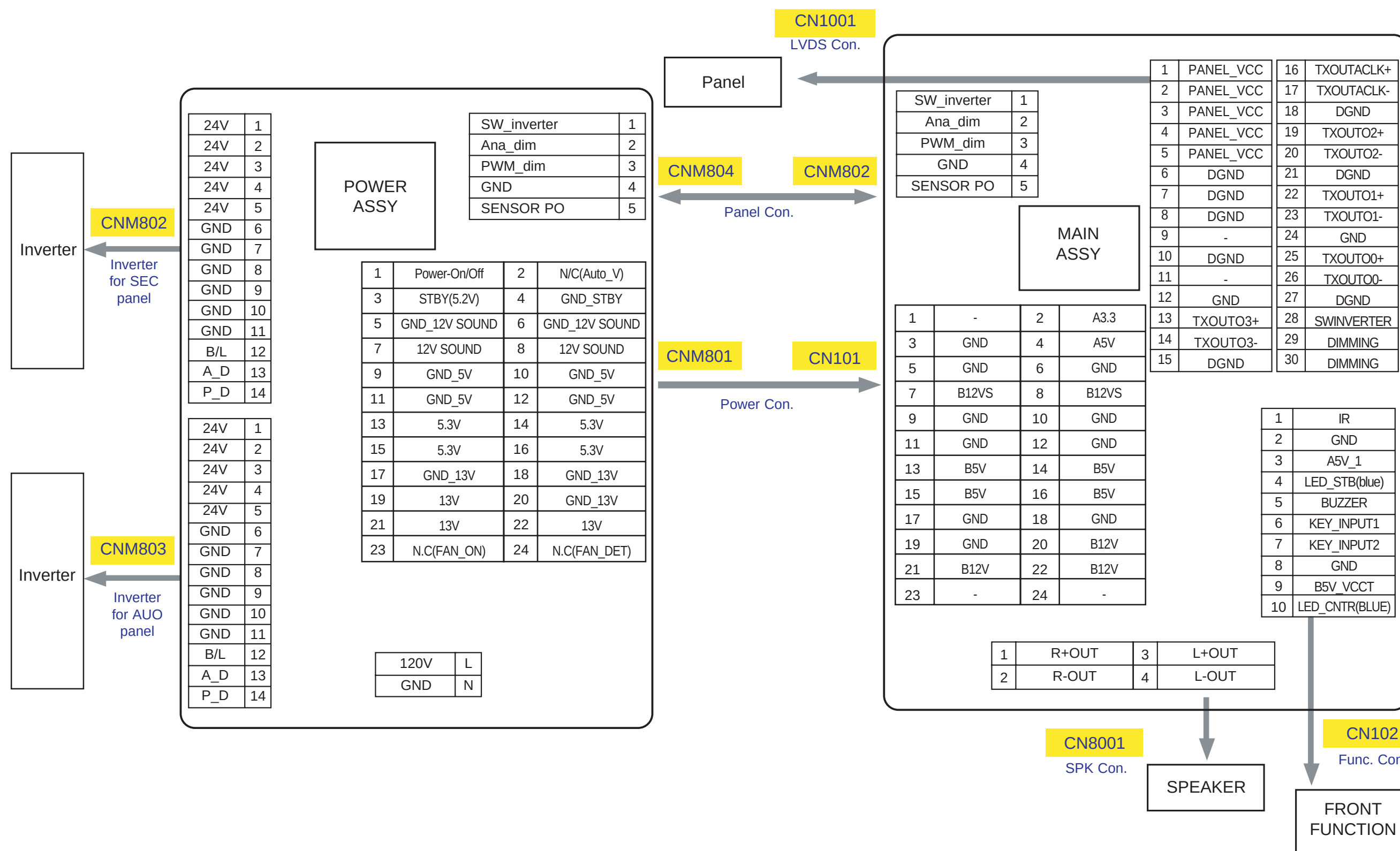
7 Block Diagram

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

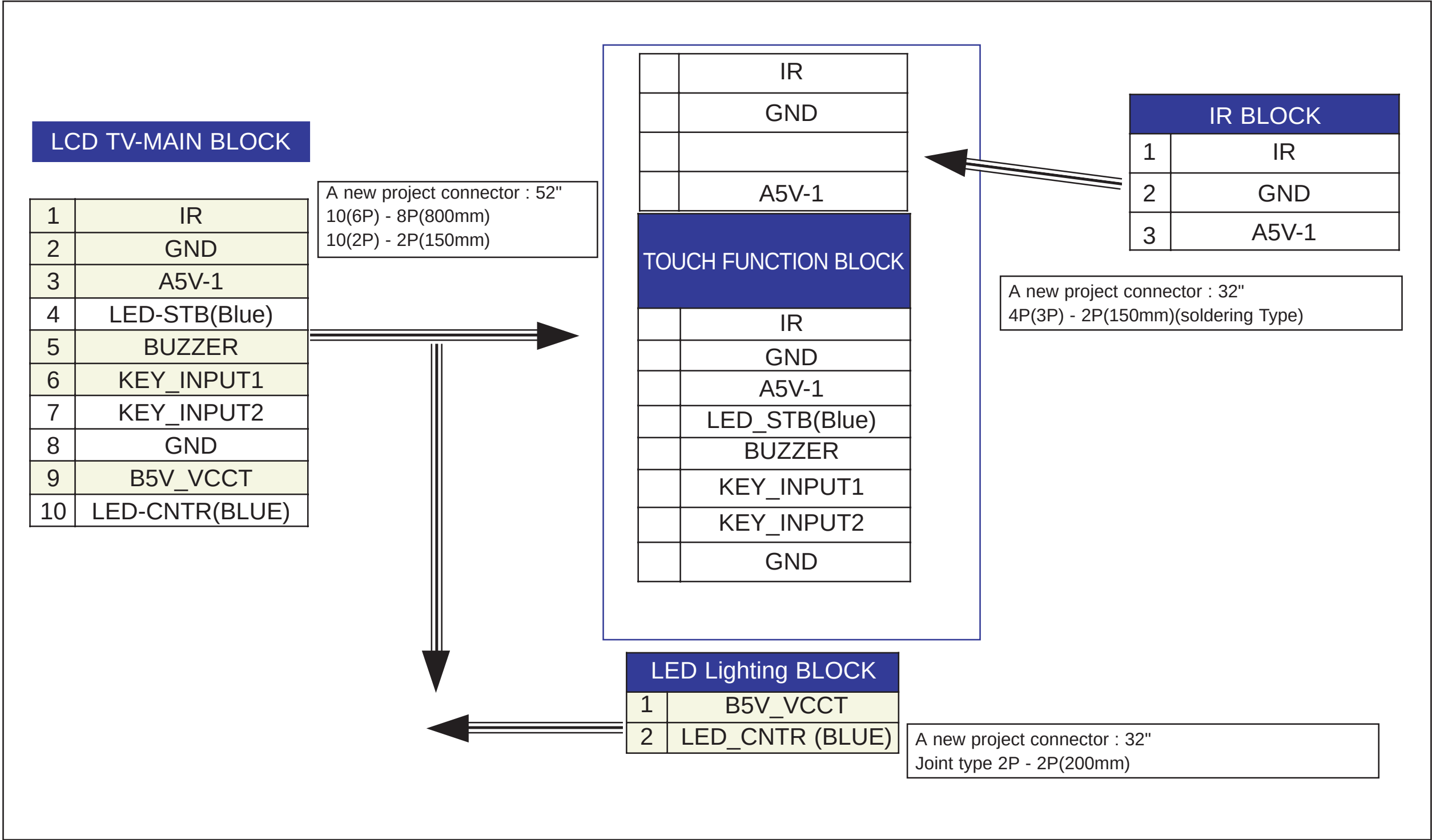


8 Wiring Diagram

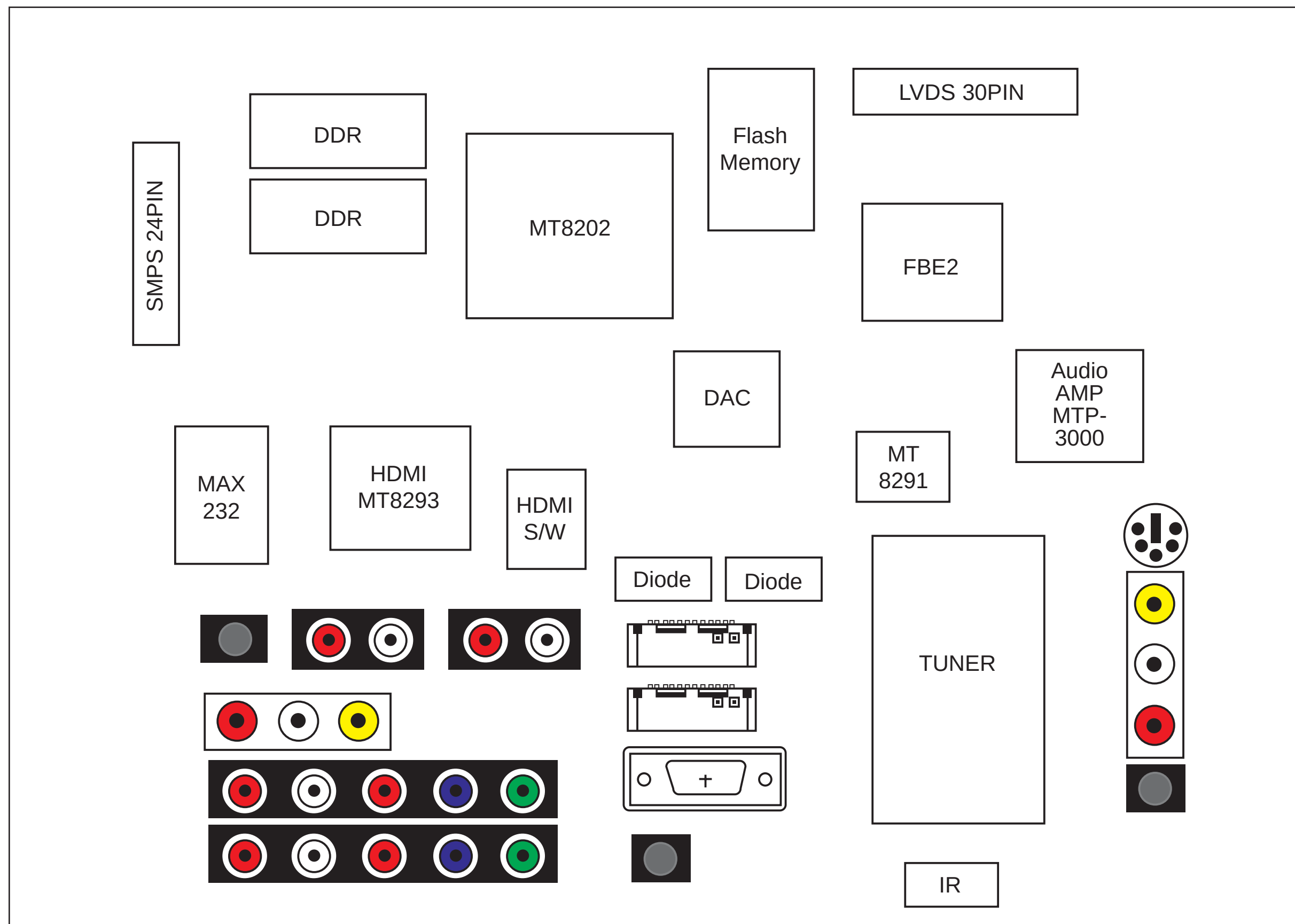
8-1 Wiring Diagram



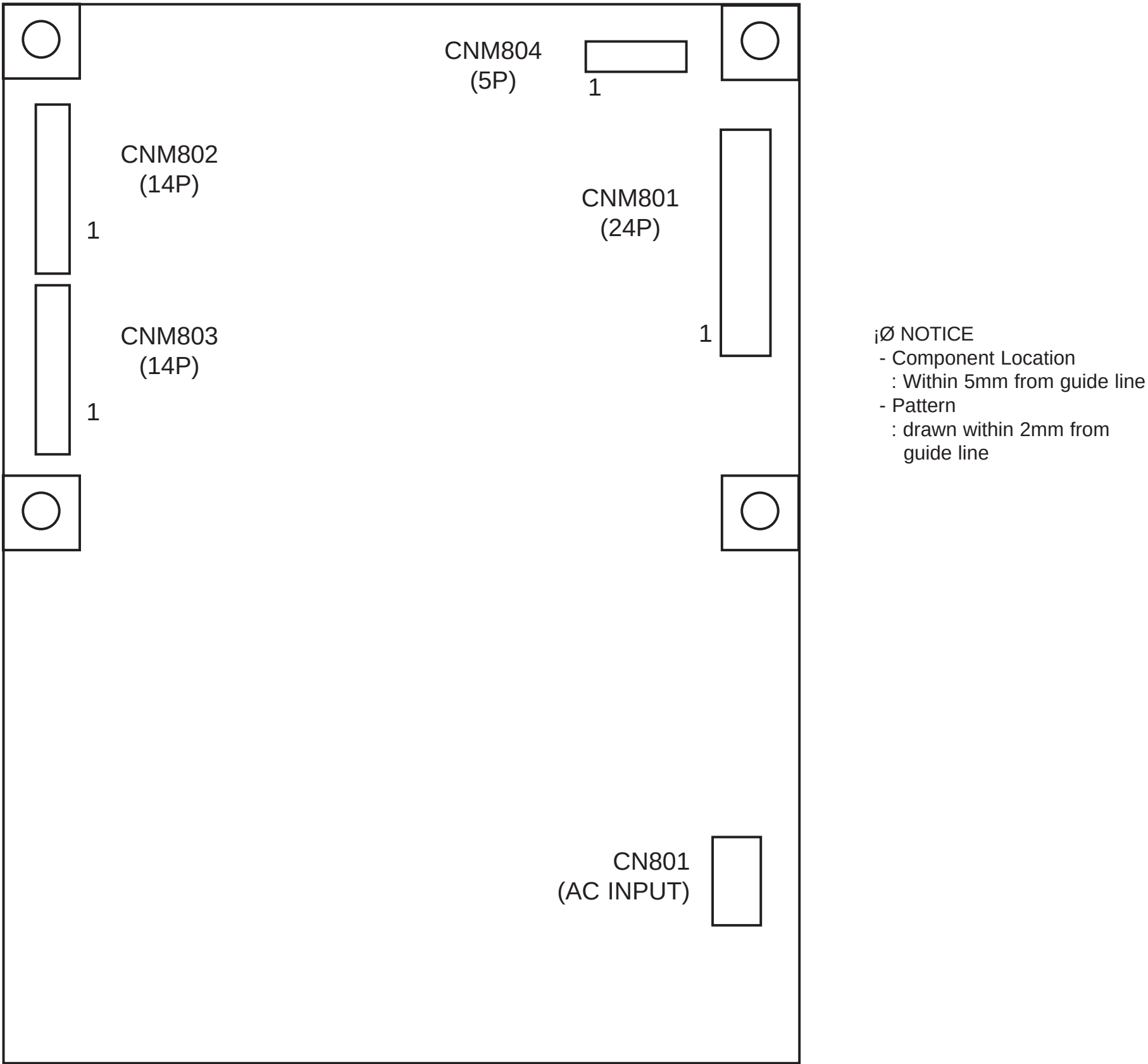
8-2 CN102 - Funtion & IR control



8-3 Main Board Layout



8-4 Connector Location and PCB outline figure



8-5 Outout Connector

8-5-1 AC INPUT CONNECTORS

CN801 - AC Input

CONNECTOR-HEADER, 2P, 7.92mm, 1R, BOX, STRAIGHT TYPE
INSULATOR : NYLON66(UL 94V-0) G10%
VENDOR : MOLEX KOREA, 35328-0210

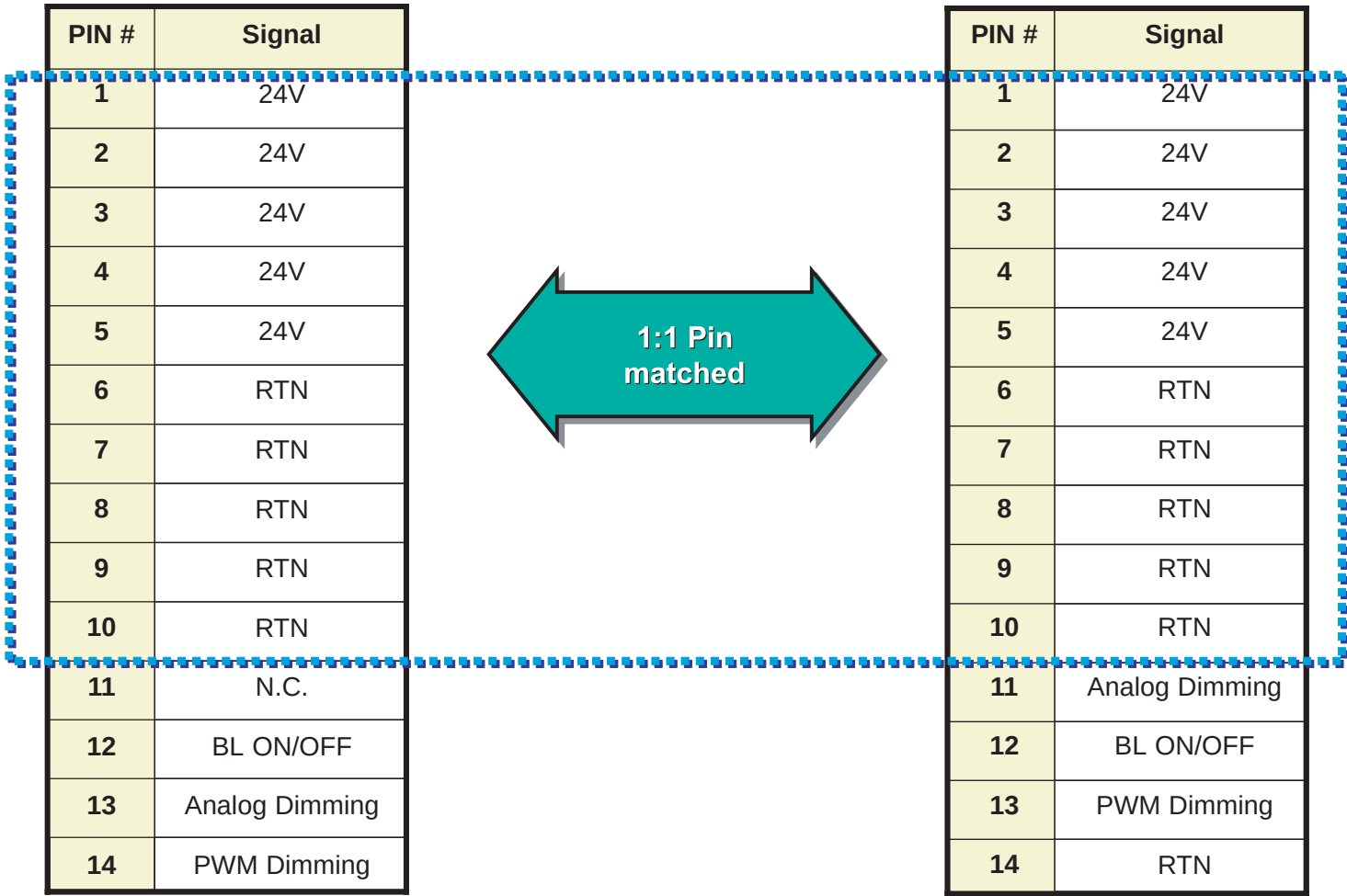
PIN #	Signal
1	AC_L
2	AC_N

8-5-2 Connector - S (CNM802)

CONNECTOR-HEADER(STRAIGHT) 14P, 1R,
2.0MM PITCH STRAIGHT
INSULATOR : NYLON66(UL 94V-0) G10%
CONTACT : BRASS(TIN-PLATED)
VENDOR : YEONHO ELECTRONICS, SMW200-14P

8-5-3 Connector - A (CNM803)

CONNECTOR-HEADER(STRAIGHT) 14P, 1R,
2.0MM PITCH STRAIGHT
INSULATOR : NYLON66(UL 94V-0) G10%
CONTACT : BRASS(TIN-PLATED)
VENDOR : YEONHO ELECTRONICS, SMW200-14P



8-5-4 Image_Analog (CNM801)

CONNECTOR-HEADER(STRAIGHT) 24P, 1R,
2.0MM PITCH STRAIGHT
INSULATOR : NYLON66(UL 94V-0) G10%
CONTACT : BRASS(TIN-PLATED)
VENDOR : YEONHO ELECTRONICS, SMW200-05P

PIN	Description	PIN	Description
1	Power-On/Off	2	N/C(Auto_V)
3	STBY(5.2V)	4	GND_STBY
5	GND_12V SOUND	6	GND_12V SOUND
7	12V SOUND	8	12V SOUND
9	GND_5V	10	GND_5V
11	GND_5V	12	GND_5V
13	5.3V	14	5.3V
15	5.3V	16	5.3V
17	GND_13V	18	GND_13V
19	13V	20	GND_13V
21	13V	22	13V
23	N.C(FAN_ON)	24	N.C(FAN_DET)

8-4-5 Image_Analog (CNM804)

CONNECTOR-HEADER(STRAIGHT) 05P, 1R,
2.0MM PITCH STRAIGHT
INSULATOR : NYLON66(UL 94V-0) G10%
CONTACT : BRASS(TIN-PLATED)
VENDOR : YEONHO ELECTRONICS, SMW200-05P

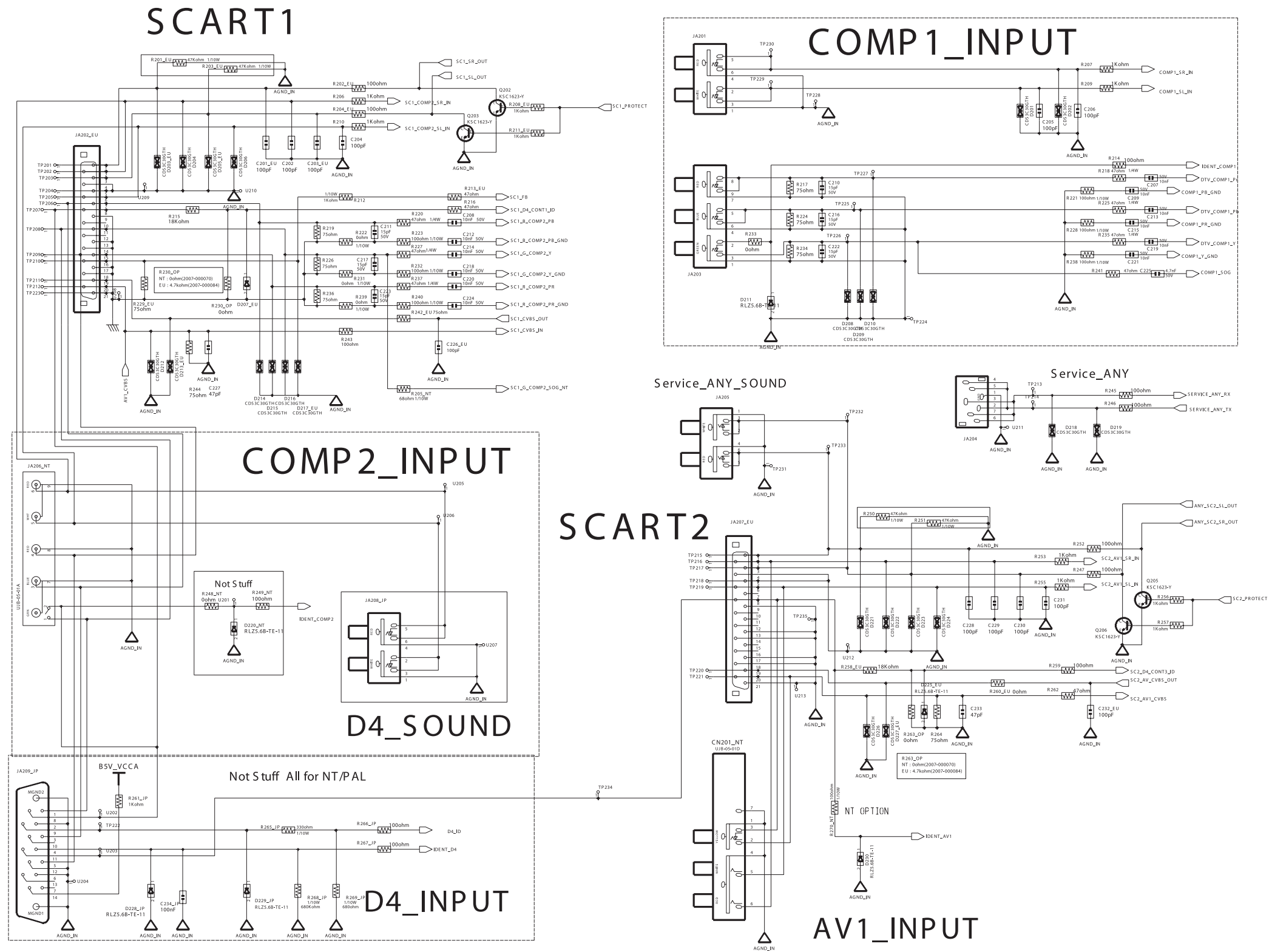
PIN	Description
1	BL ON/OFF
2	Analog Dimming
3	PWM Dimming
4	RTN
5	24V Detection(5V)

9-1 Power Schematic Diagram



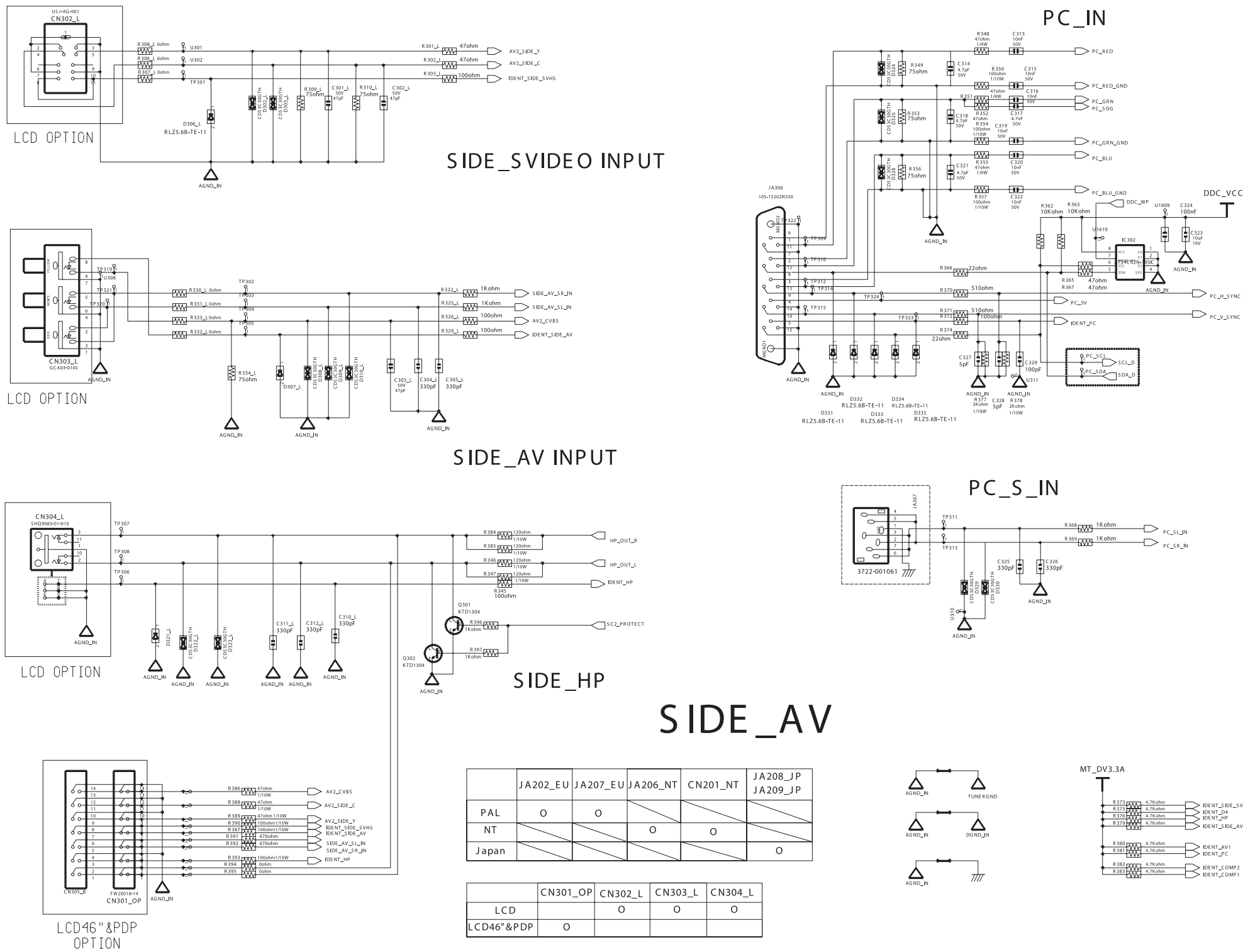
-This Document can not be used without Samsung ' s authorization.

9-2 Sound Schematic Diagram



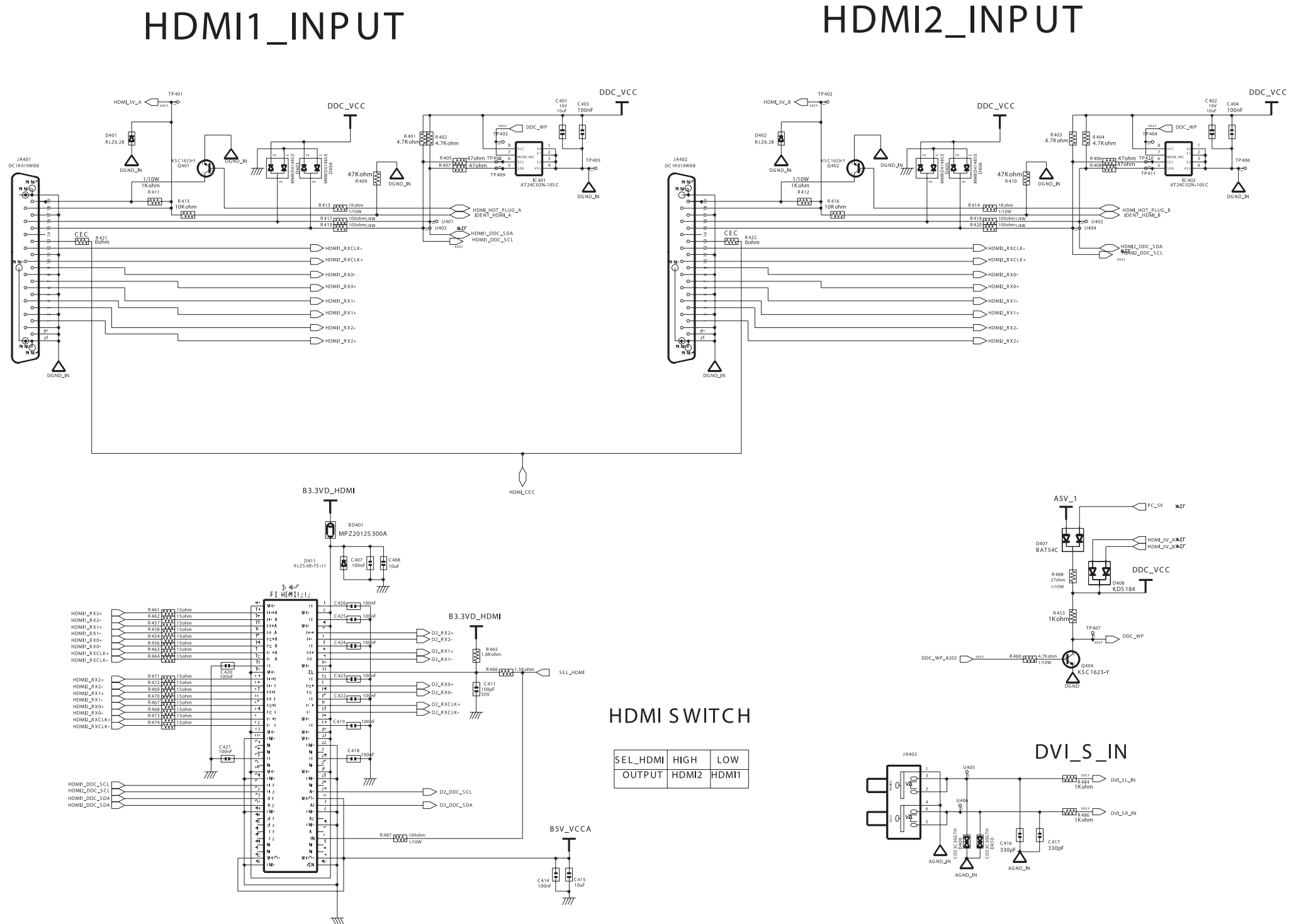
-This Document can not be used without Samsung 's authorization.

9-3 SIDE_AV Schematic Diagram



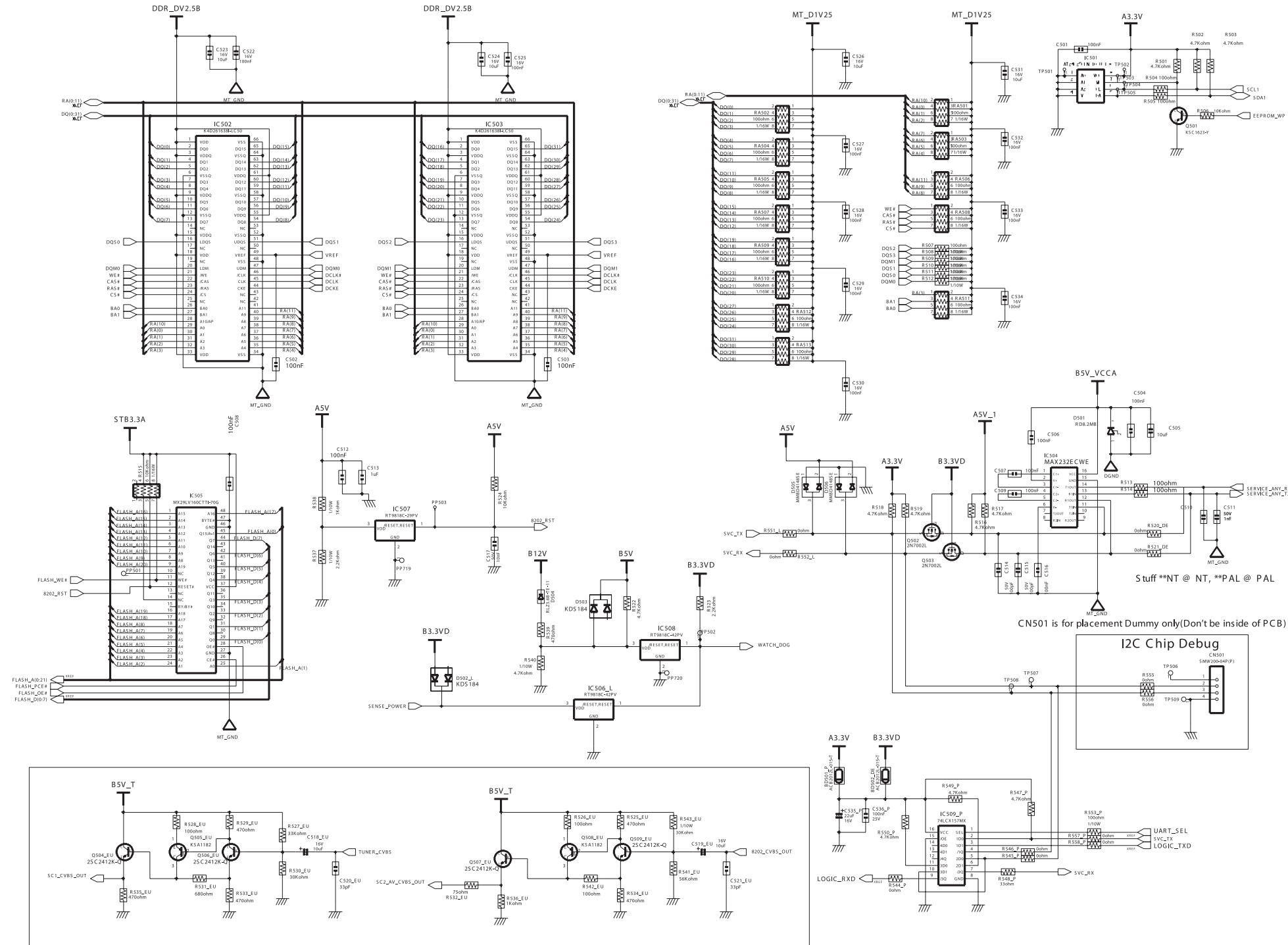
-This Document can not be used without Samsung ’ s authorization.

9-4 HDMI_INPUT Schematic Diagram



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

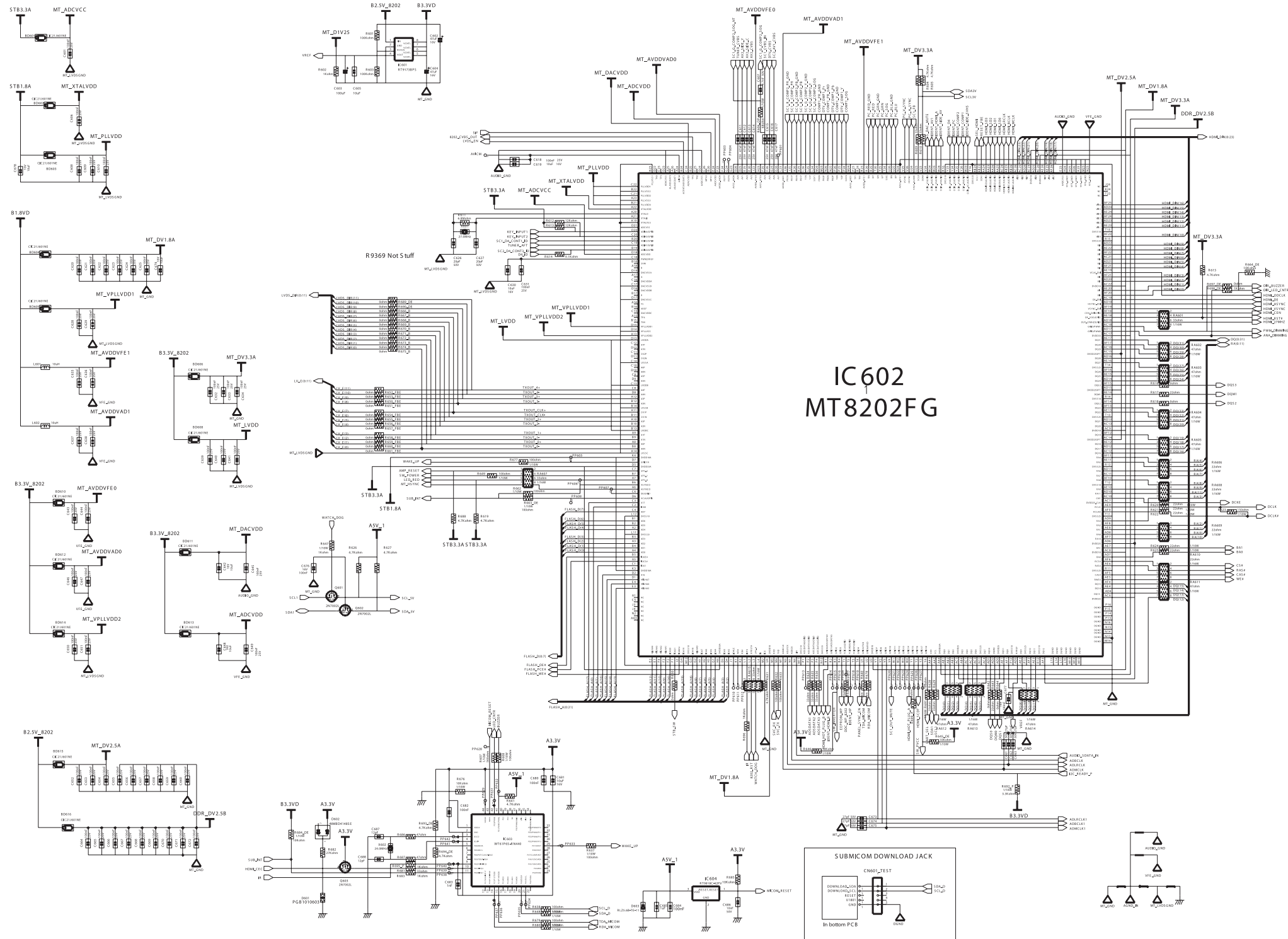
9-5 Scart Option Schematic Diagram



Scart Option

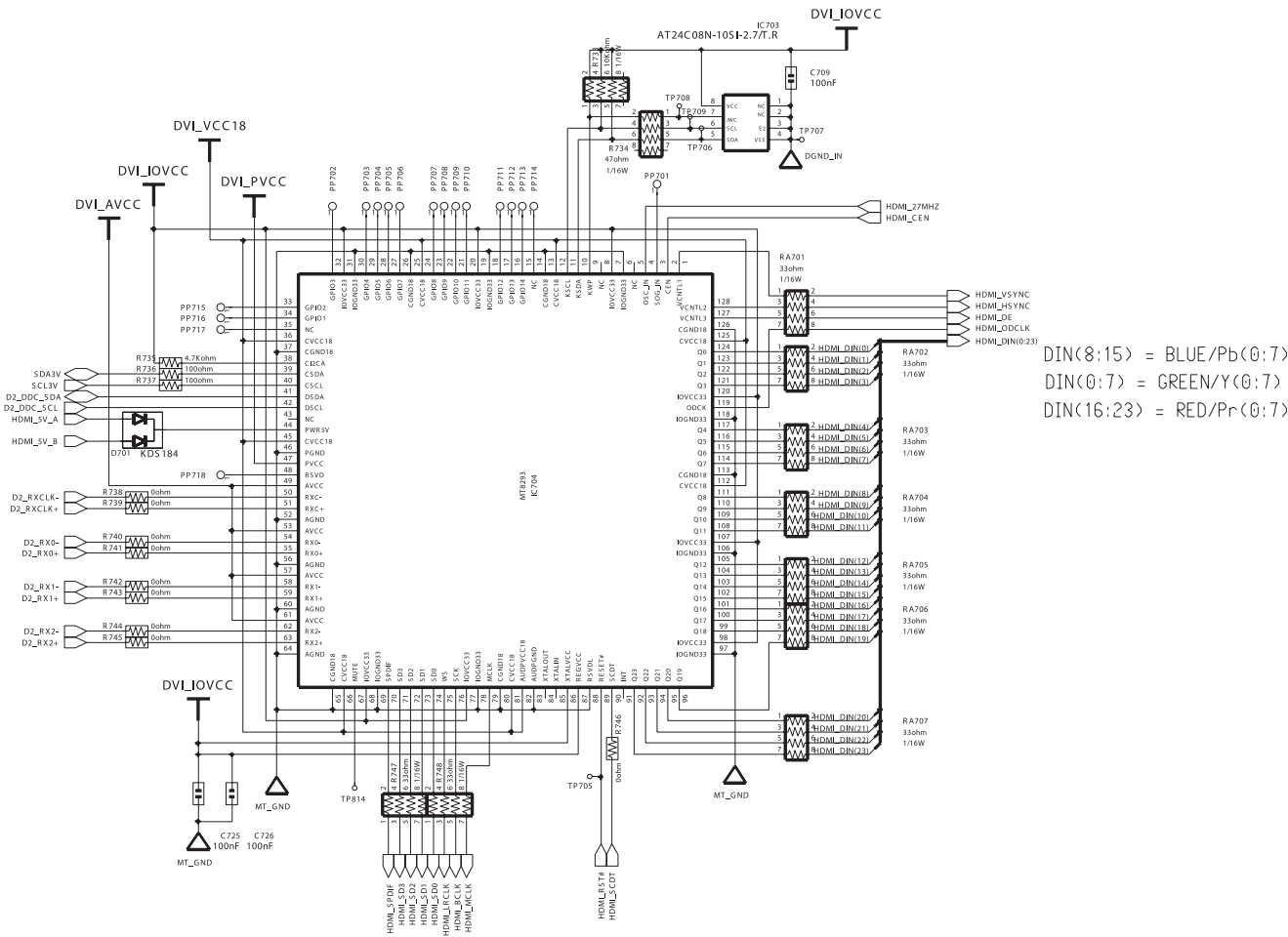
-This Document can not be used without Samsung ' s authorization.

9-6 IC602 MT8202FG Schematic Diagram

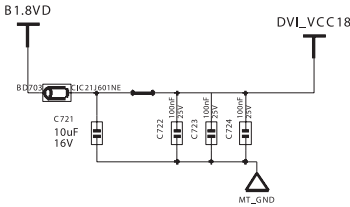
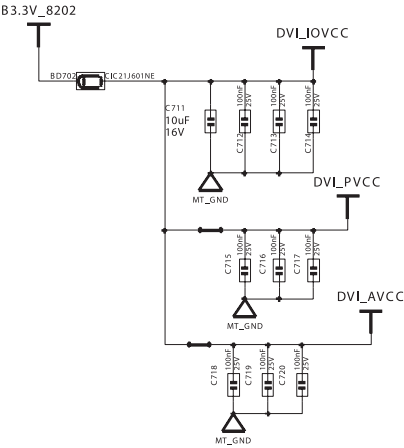


-This Document can not be used without Samsung 's authorization.

9-7 Near to Connector Schematic Diagram



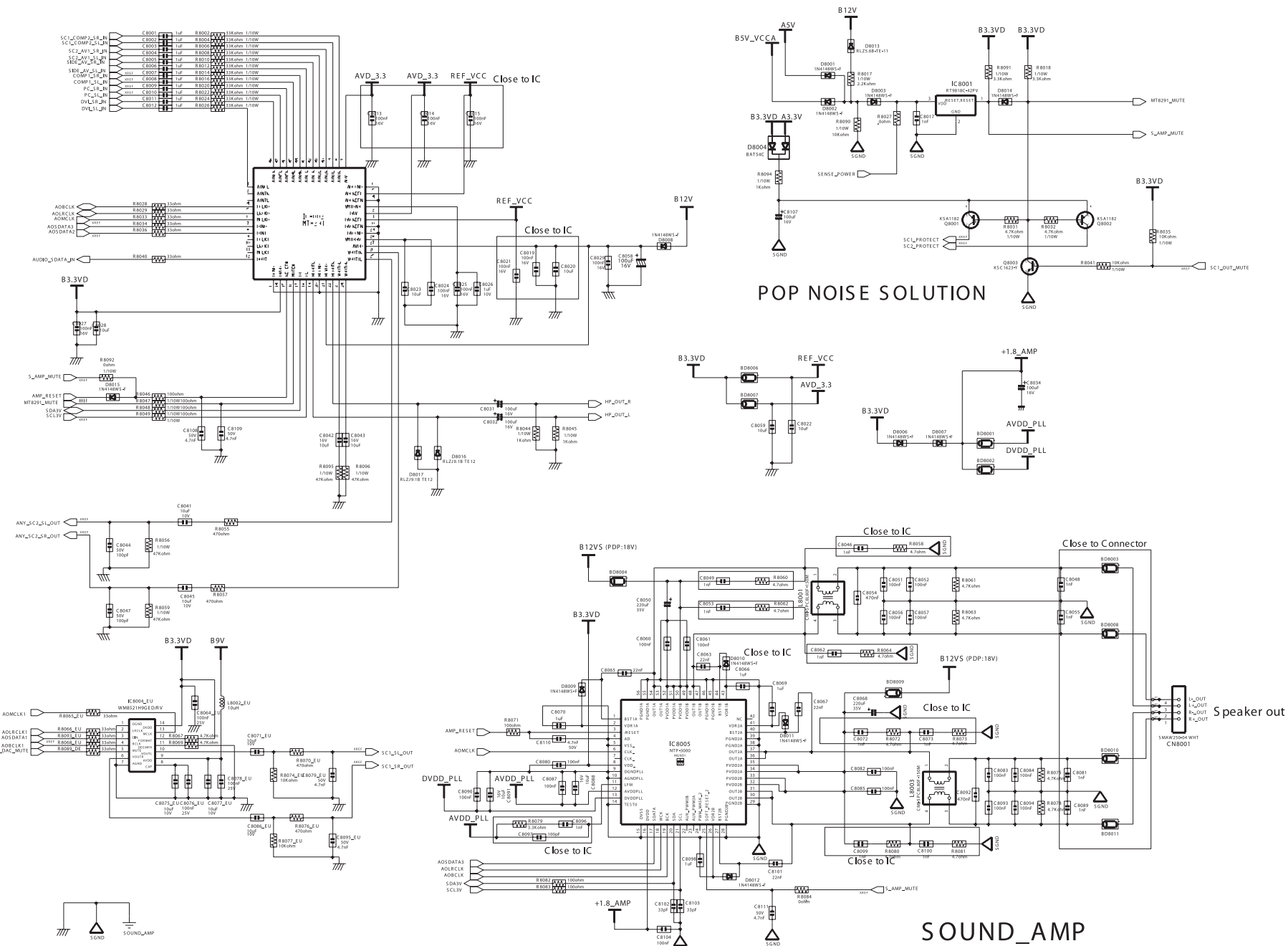
Near to Connector



9 Schematic Diagrams

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

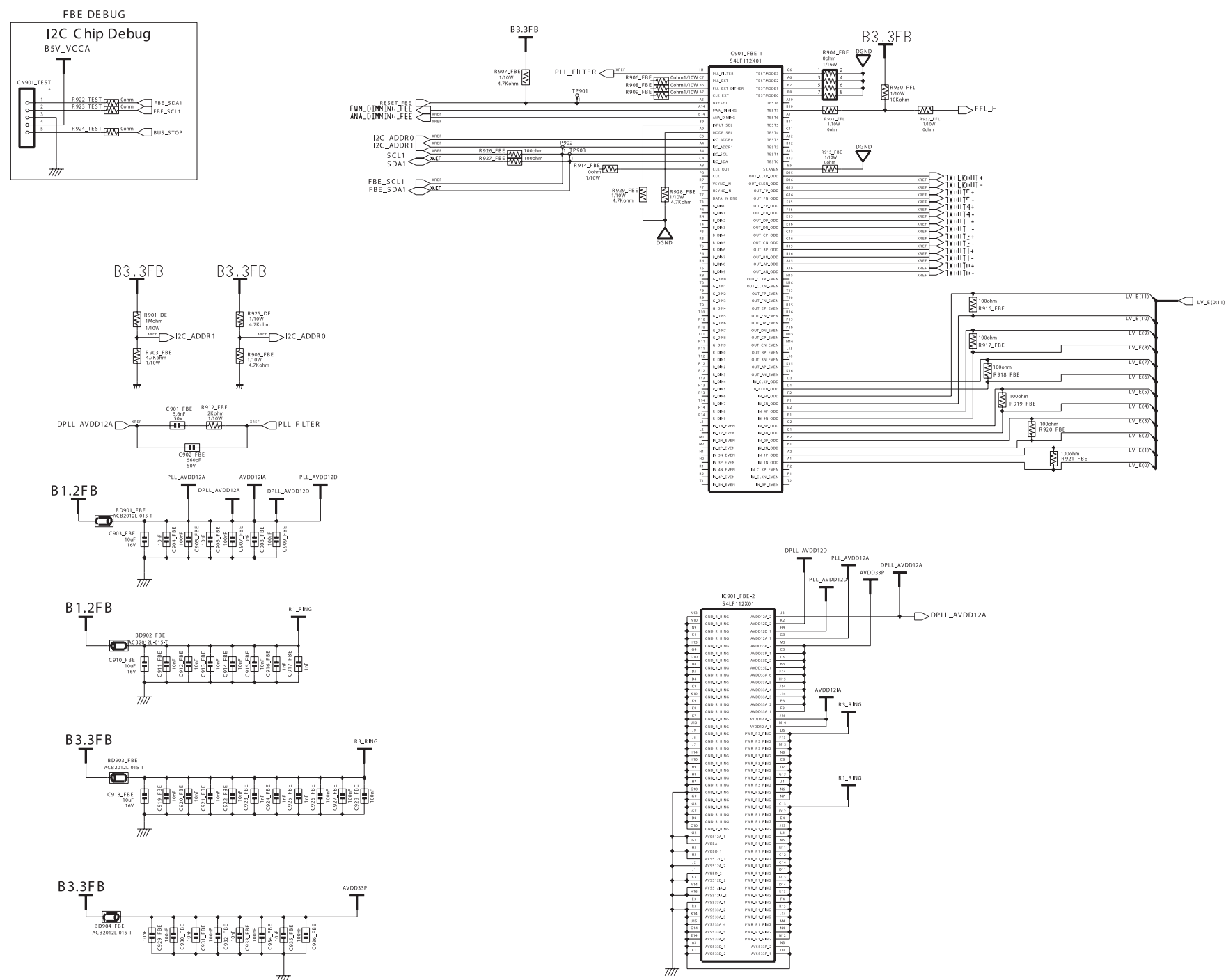
9-8 SOUND_AMP Schematic Diagram



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

9-9 F B E 2 Schematic Diagram

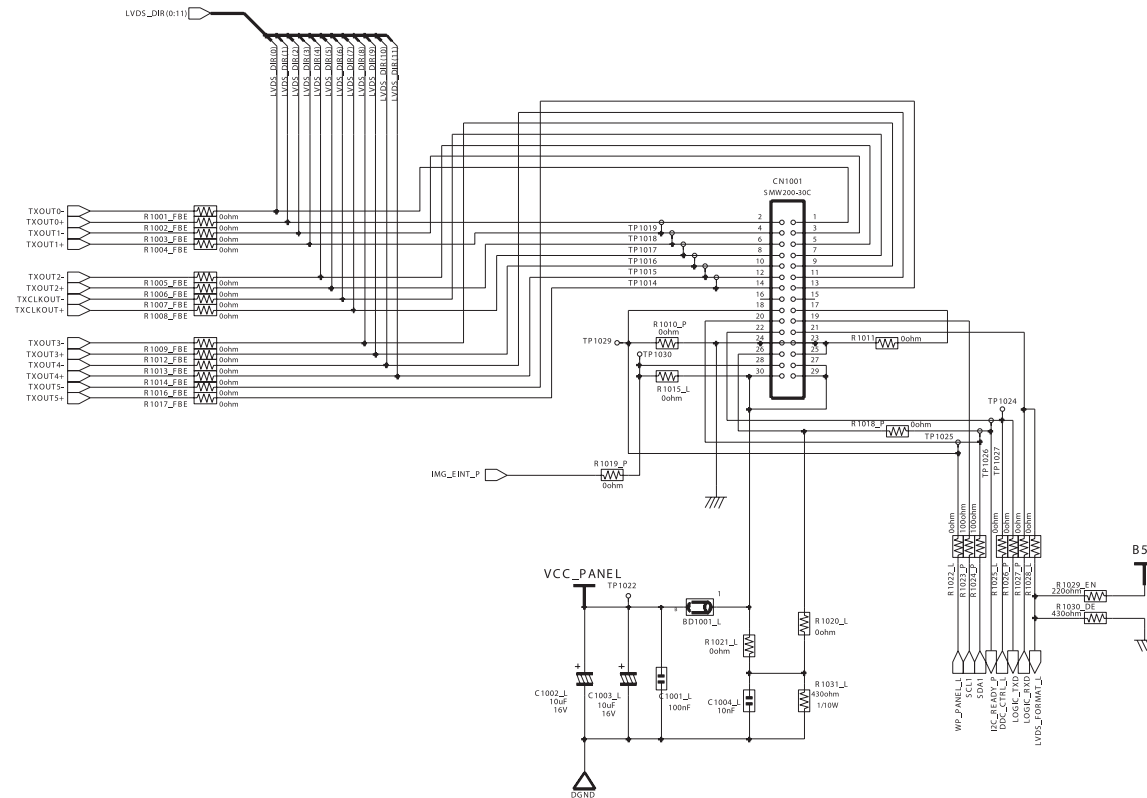
F B E 2



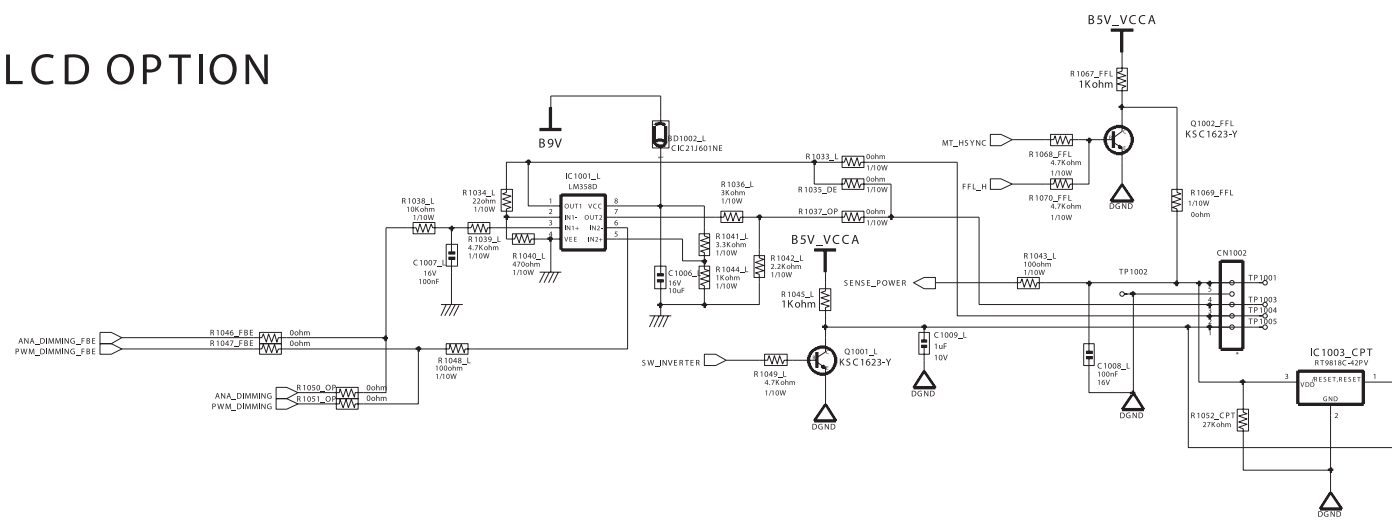
-This Document can not be used without Samsung ' s authorization.

9-10 LVDS&Dimming Schematic Diagram

LVDS & Dimming

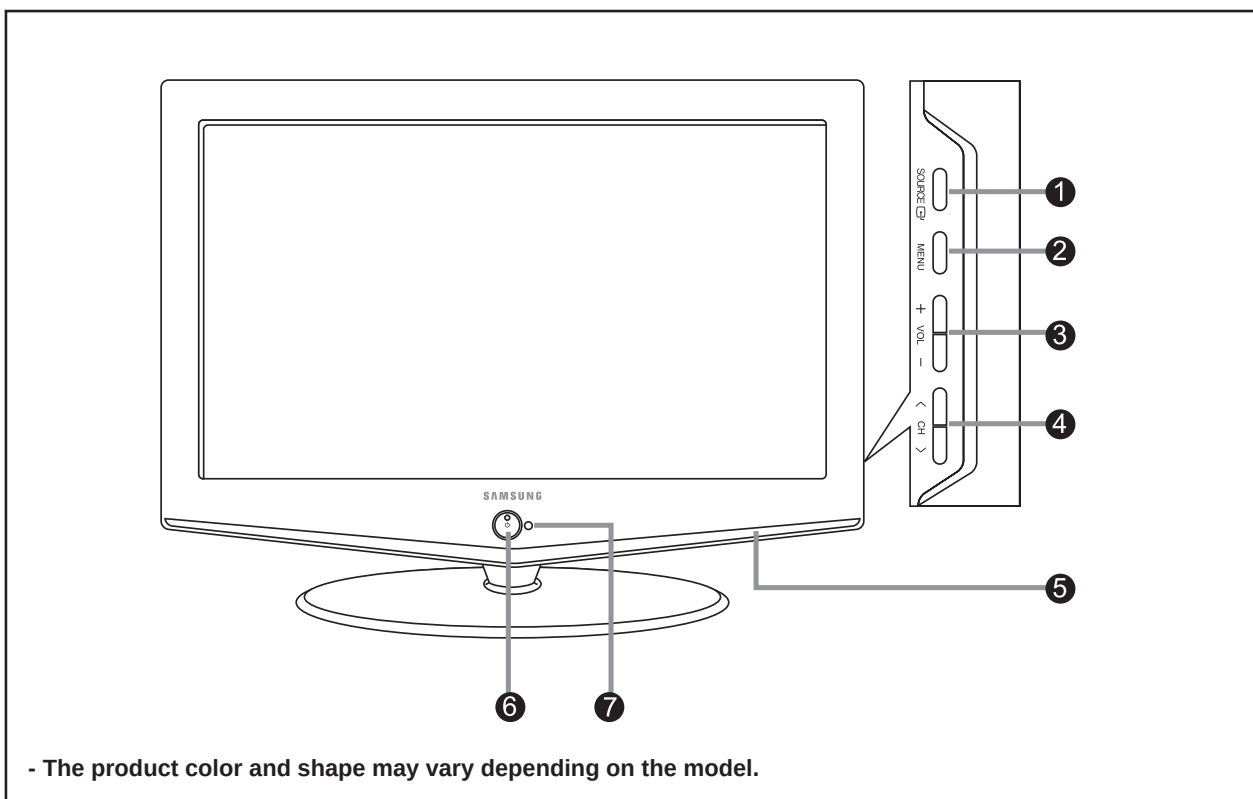


LCD OPTION



10 Operating Instructions and Installation

10-1 Front



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

1. SOURCE

Toggles between all the available input sources (TV, AV1, AV2, S-Video, Component1, Component2, PC, HDMI1, HDMI2).

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

2. MENU

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

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.

4. ^ CH v

Press to change channels.

In the on-screen menu, use the buttons as you would use the **↵** and **↵** buttons on the remote control.

5. SPEAKERS

6. (Power)

Press to turn the TV on and off.

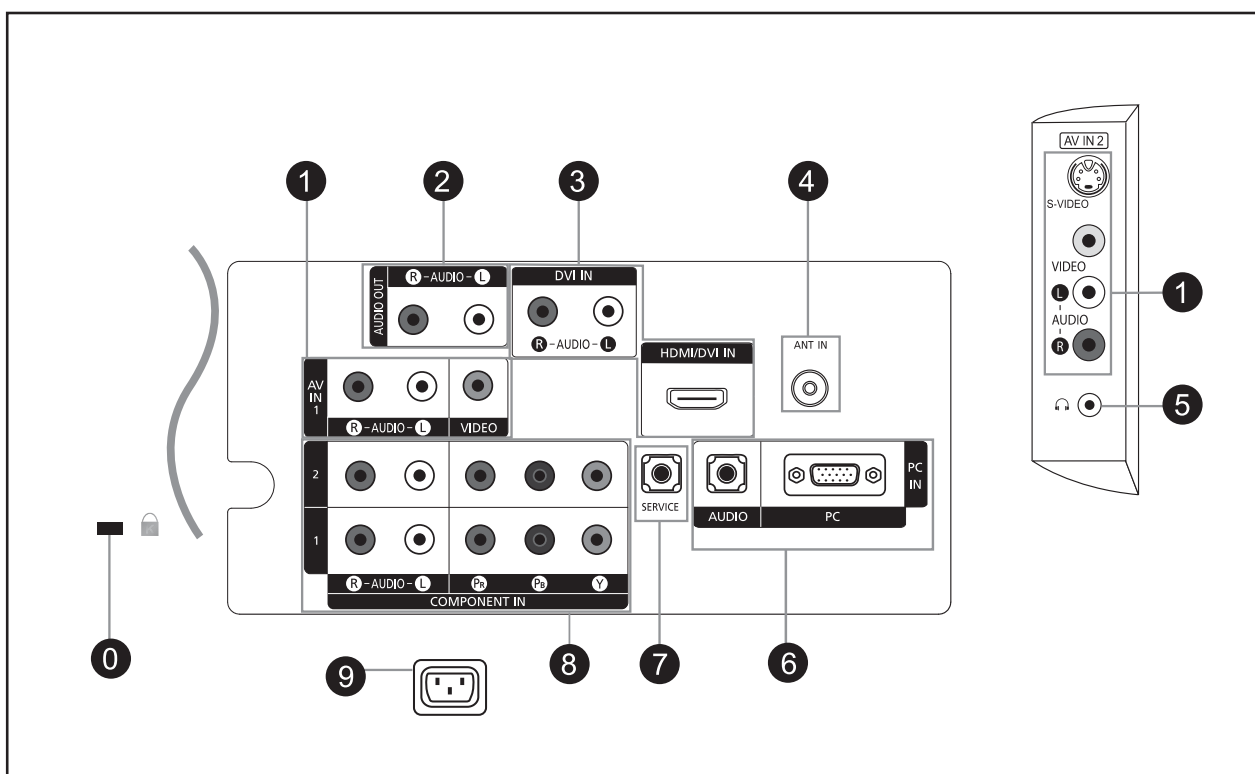
POWER INDICATOR

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

7. REMOTE CONTROL SENSOR

Aim the remote control towards this spot on the TV.

10-2 Connection Panel



1. AV IN 1, 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.

2. AUDIO OUT (R/L)

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

3. HDMI / DVI IN / DVI IN (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.

- HDMI / DVI IN terminal does not support PC.
- No sound connection is needed for an HDMI to HDMI connection

4. ANT IN

Connect to an antenna or cable TV system.

5. Headphone

Connect a set of external headphones for private listening.

6. PC IN

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

7. SERVICE

Connector for service only.

8. COMPONENT IN 1, 2

Connect Component video/audio.

9. POWER INPUT

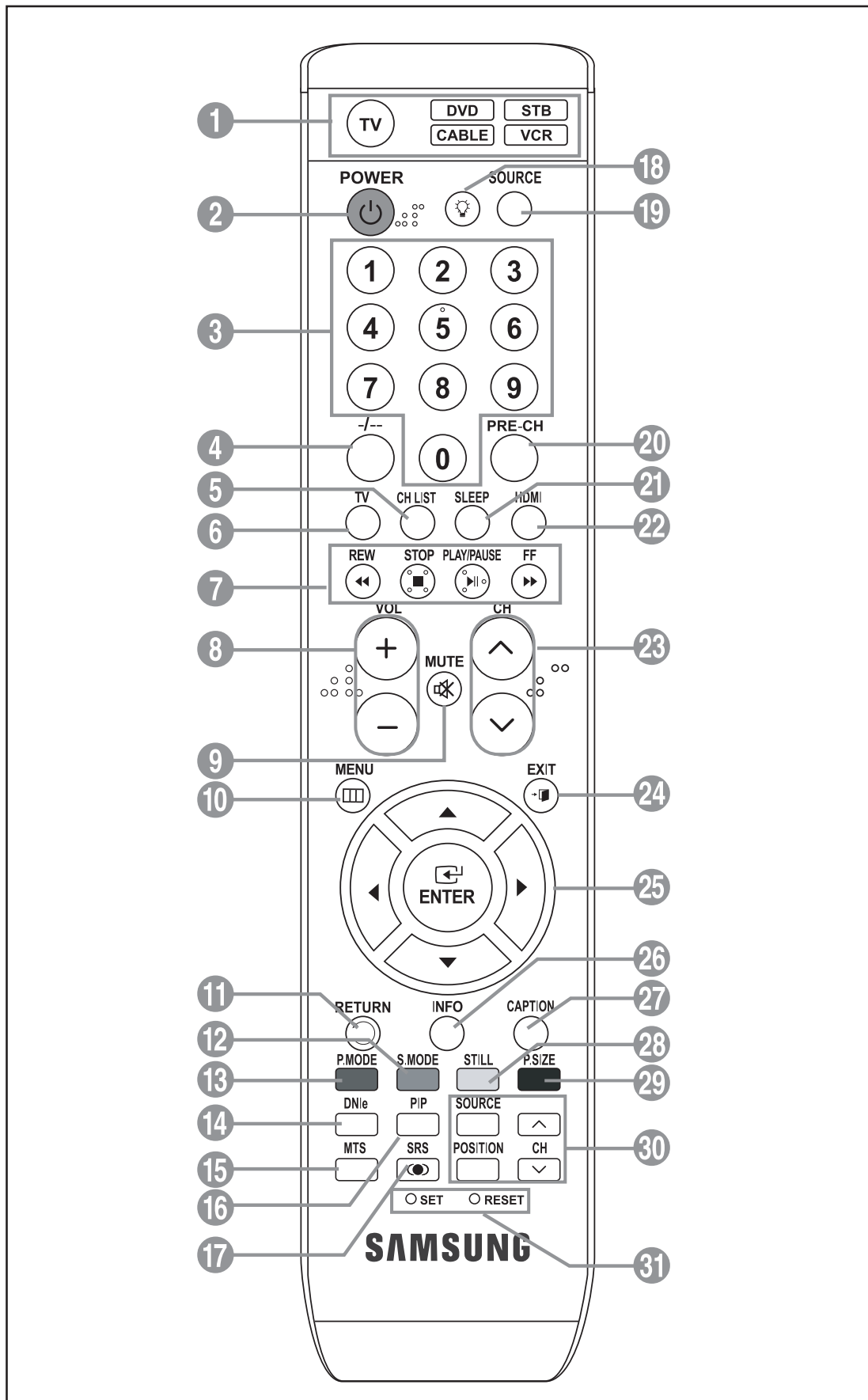
Connect the supplied power cord.

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.

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

10-3 Remote Control



1. TV, DVD, STB, CABLE, VCR

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

2. POWER

Turns the TV on and off.

3. NUMERIC BUTTONS

Press to change the channel.

4. -/--

Press to select channels over 100.

For example, to select channel 121, press "- ", then "2", then "1".

5. CH LIST

Used to display Channel Lists on the screen.

6. TV

Selects the TV mode directly

7. VCR/DVD Functions

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

**8. VOL / VOL **

Press to increase or decrease the volume.

9. (MUTE)

Press to temporarily cut off the sound.

10. MENU

Displays the main on-screen menu.

11. RETURN

Returns to the previous menu.

12. S.MODE

Press to select the sound mode.

13. P.MODE

Press to select the picture mode.

14. DNle(Digital Natural Image engine)

DNle Demo Demo/On/Off

15. MTS

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

16. PIP

Picture-in Picture ON/OFF.

17. SRS

Selects SRS TruSurround XT mode.

18. 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.

19. SOURCE

Press to display all of the available video sources.

20. PRE-CH

Turns to the previous channel.

21. SLEEP

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

22. HDMI

Selects the HDMI mode directly.

**23. CH / CH **

Press to change channels.

24. EXIT

Press to exit the menu.

25. UP / DOWN / LEFT / RIGHT / ENTER

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

26. INFO

Use to see information on the current broadcast.

27. CAPTION

Controls the caption decoder.

28. STILL

Press to stop the action during a particular scene.

Press again to resume normal video.

29. P.SIZE

Picture size selection.

30. PIP FUNCTIONS

SOURCE : Press to select a signal from an external source in PIP.

POSITION : Change the position of the PIP screen.

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

31. SET

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

RESET

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

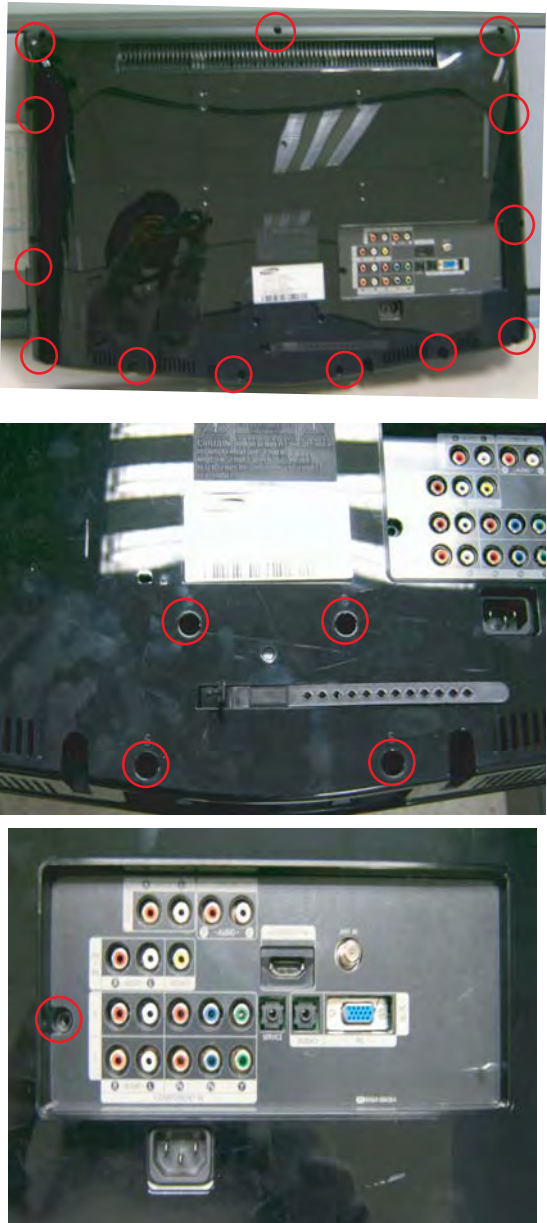
11 Disassembly and Reassembly

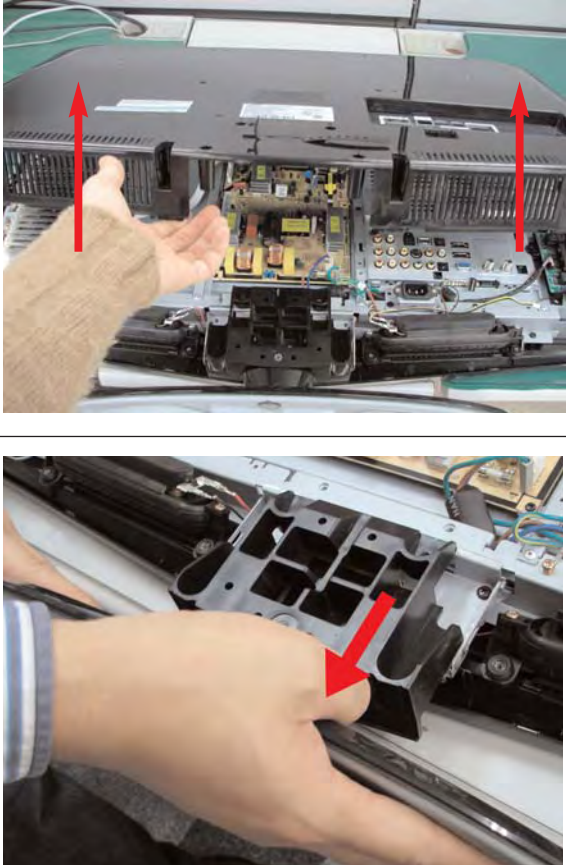
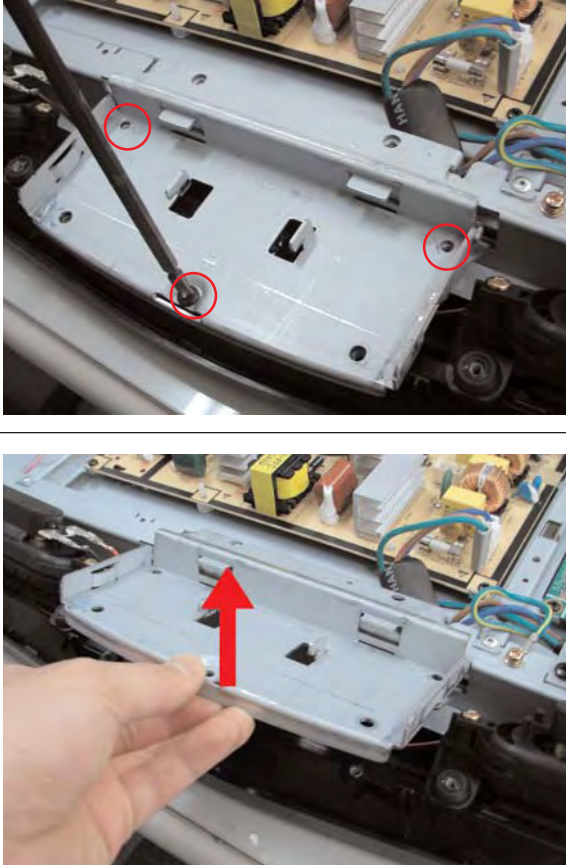
This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

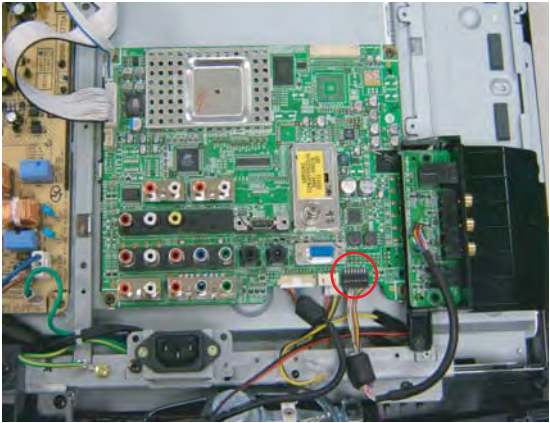
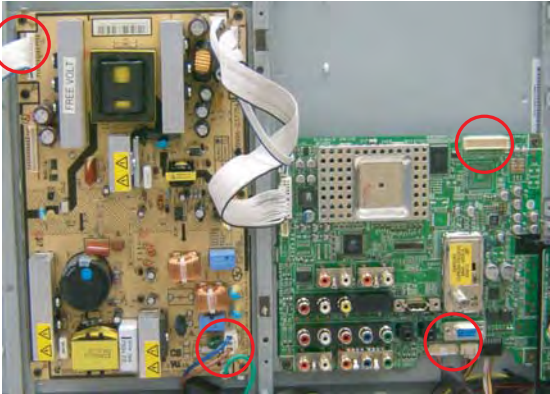
⚠ WARNING : This monitor contains electrostatically sensitive devices. Use caution when handling these components.

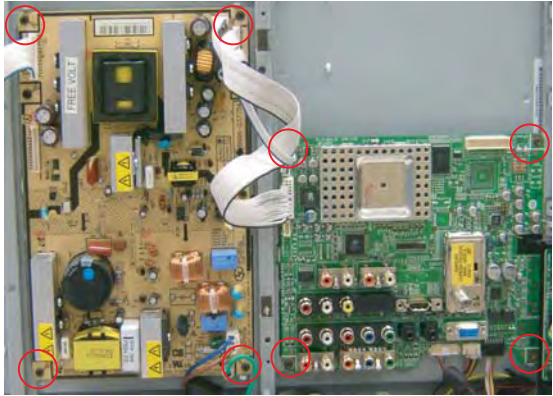
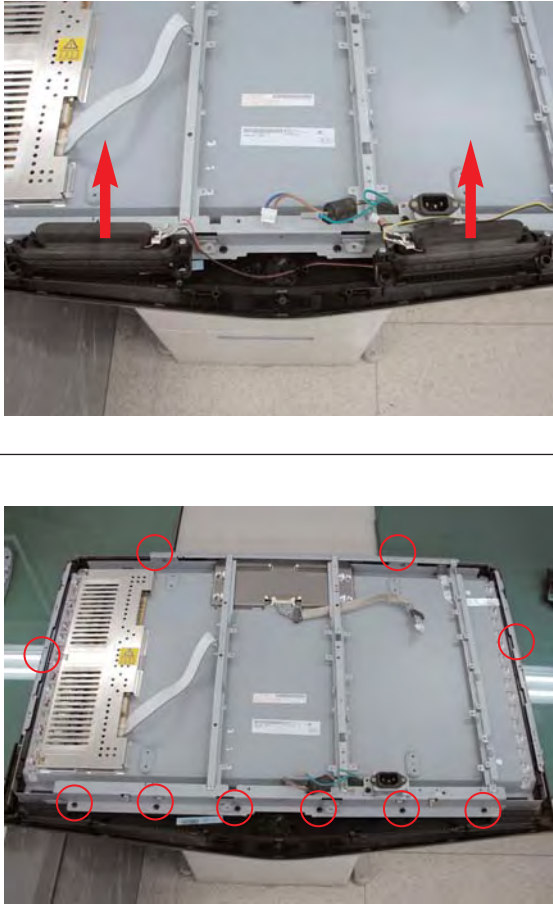
11-1 Disassembly

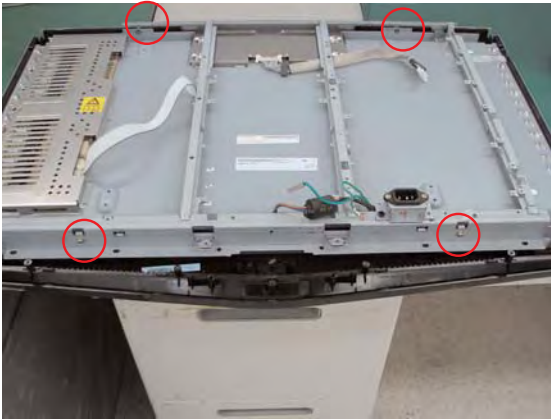
⚠ Cautions : 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

Description	Picture Description
1. Place monitor face down on cushioned table. Remove screws from the rear cover and remove screws from the stand.	 The top photograph shows the back of the monitor with 12 screws circled in red. The middle photograph shows the rear cover with 4 screws circled in red. The bottom photograph shows the rear panel with 1 screw circled in red.

Description	Picture Description
2. Lift up the rear cover and remove the stand.	 The top photograph shows the back of a device with the rear cover being lifted. Two red arrows point upwards from the bottom corners of the cover. The bottom photograph shows a hand holding a metal stand bracket, with a red arrow pointing to it.
3. Remove Screws from the stand BRKT and lift up the stand BRKT.	 The top photograph shows a screwdriver being used to remove screws from a metal bracket. Three red circles highlight the screws being removed. The bottom photograph shows a hand lifting the metal bracket, with a red arrow pointing upwards.

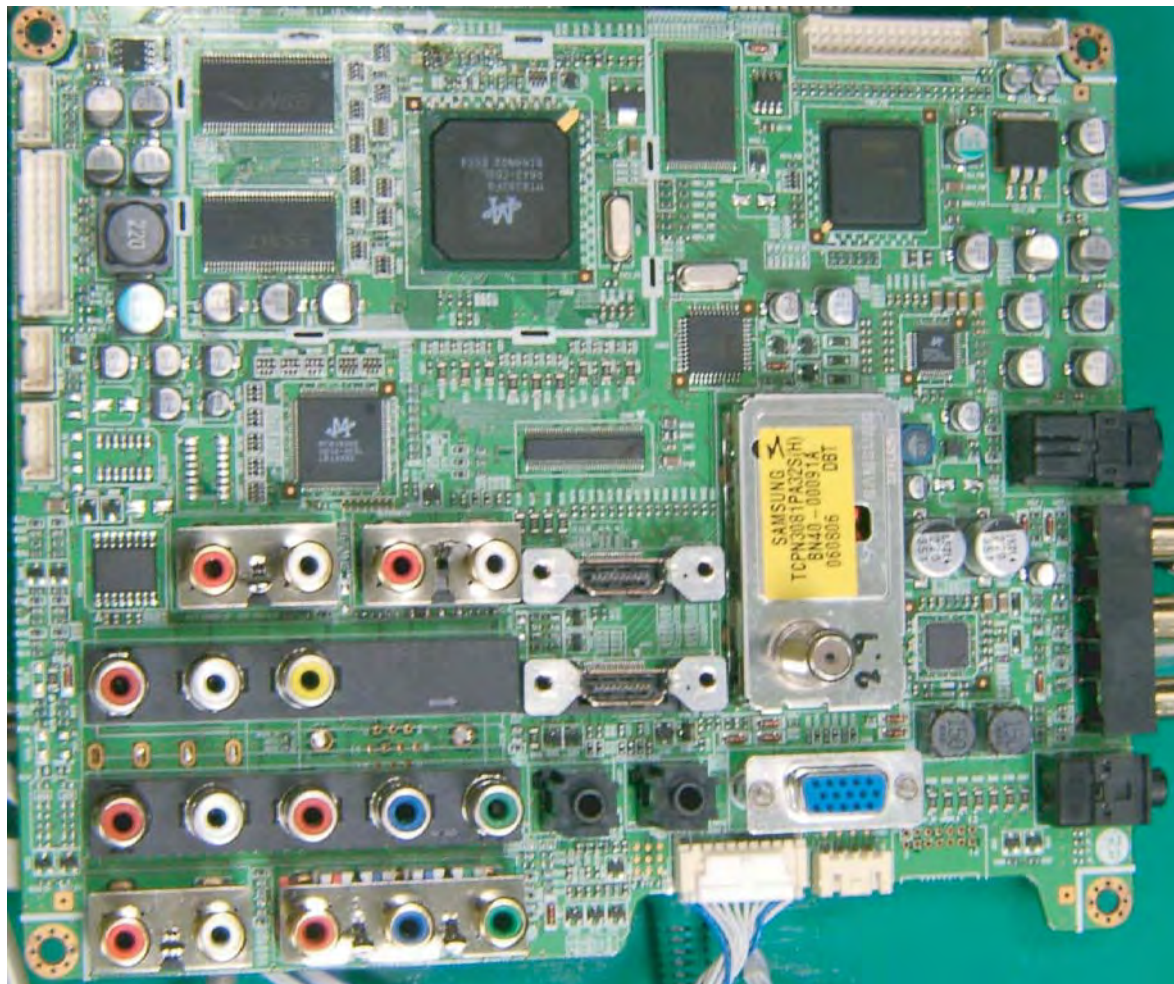
Description	Picture Description
4. Remove screws from the shield and disconnect cable.	
5. Lift up the shield and disconnect cables from the boards.	
	

Description	Picture Description
6. Remove screws from the boards and remove screw from the side connector.	 The image shows the internal components of the device. A yellow main board is on the left, and a green side board is on the right. A white ribbon cable connects them. Red circles highlight the screws on the main board, the side board, and the side connector that need to be removed.
7. Lift up the speakers and remove screws from the panel BRKT.	 The top image shows the internal components with the speakers being lifted up, indicated by red arrows. The bottom image shows the panel bracket (BRKT) with red circles highlighting the screws to be removed.

Description	Picture Description
8. Remove screws and lift up the BRKT.	 
9. Lift up the panel.	 

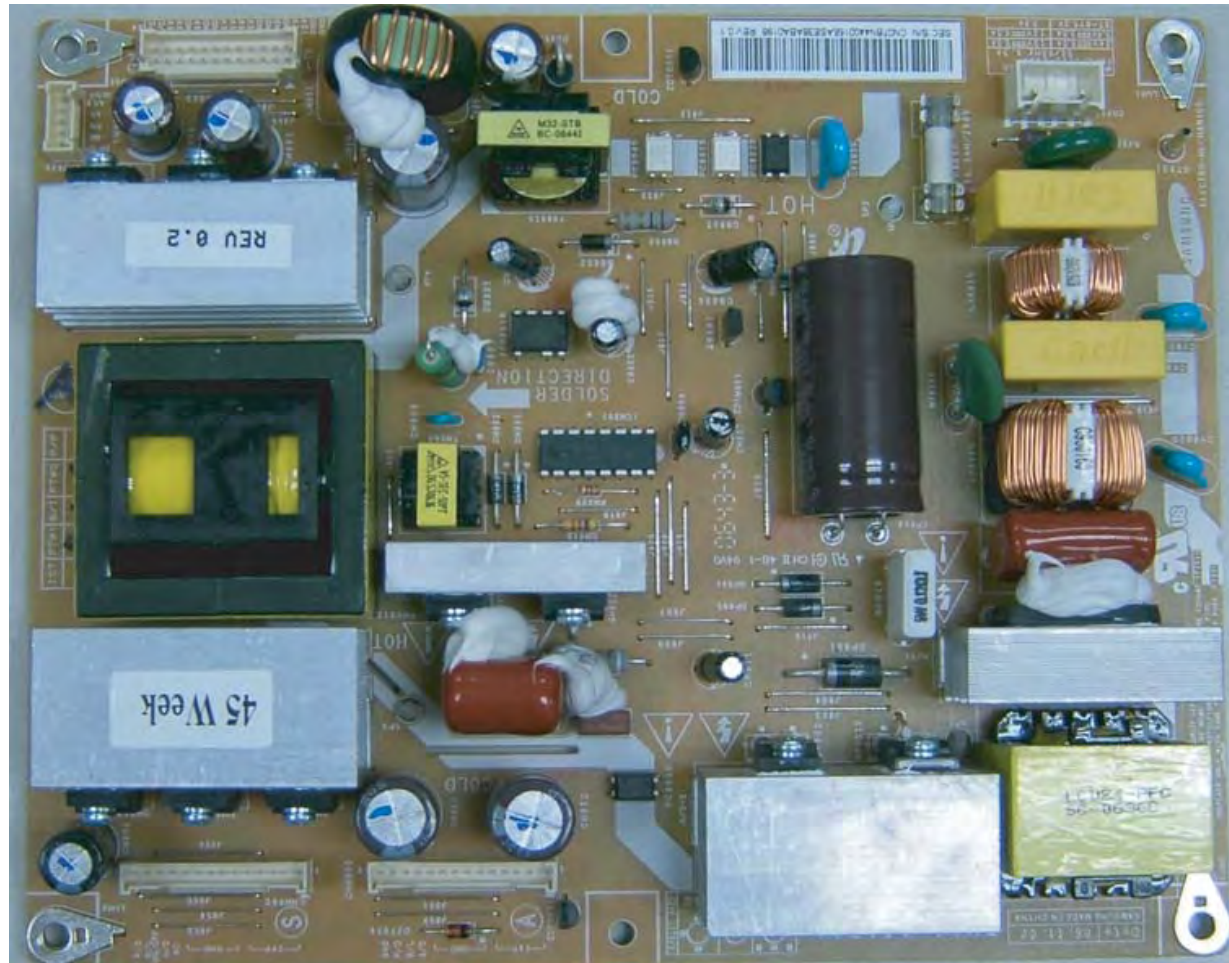
12 PCB Diagram

12-1 Main PCB Diagram





12-3 Power PCB Diagram 26", 32"

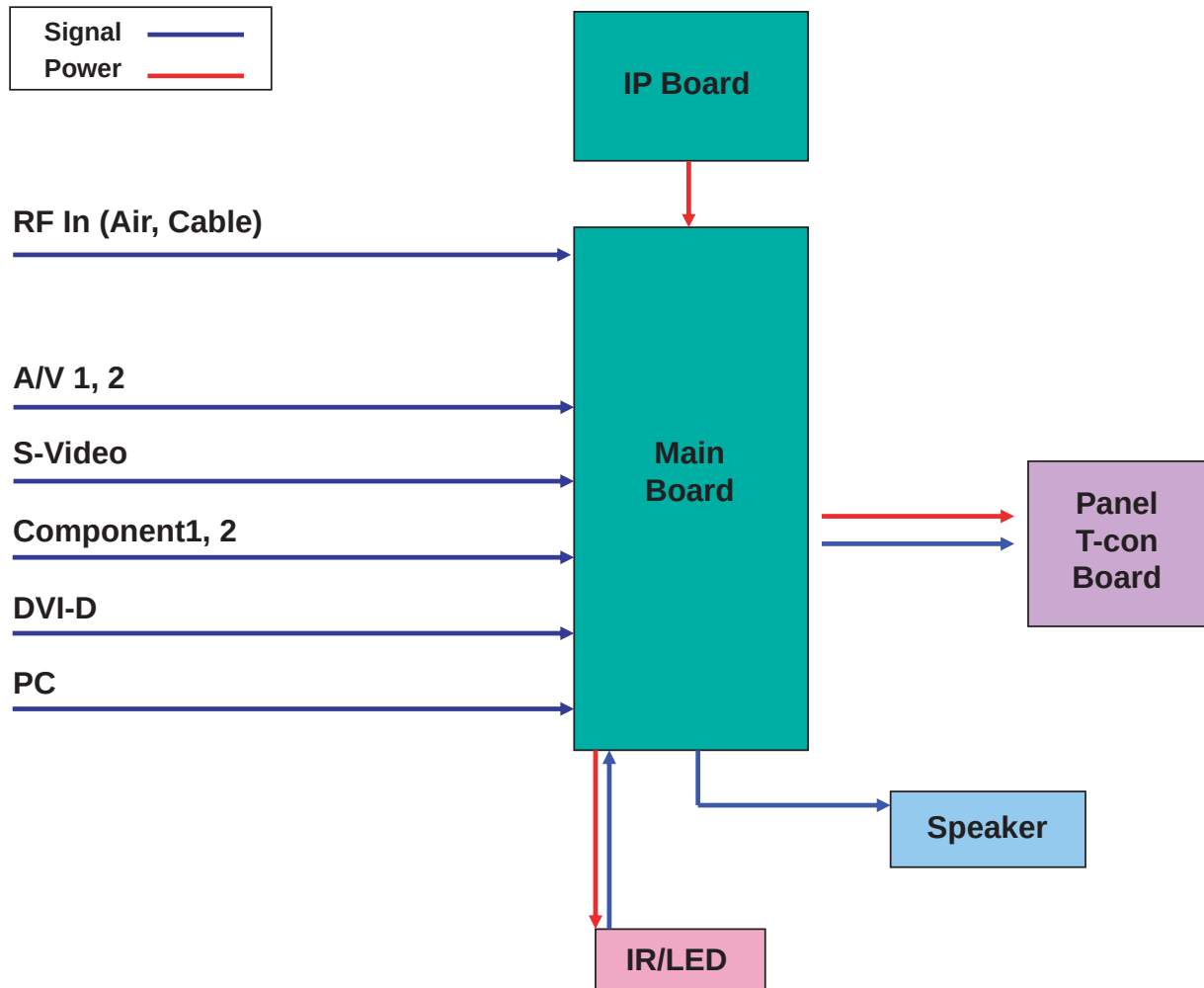




13 Circuit Descriptions

13-1 Block description

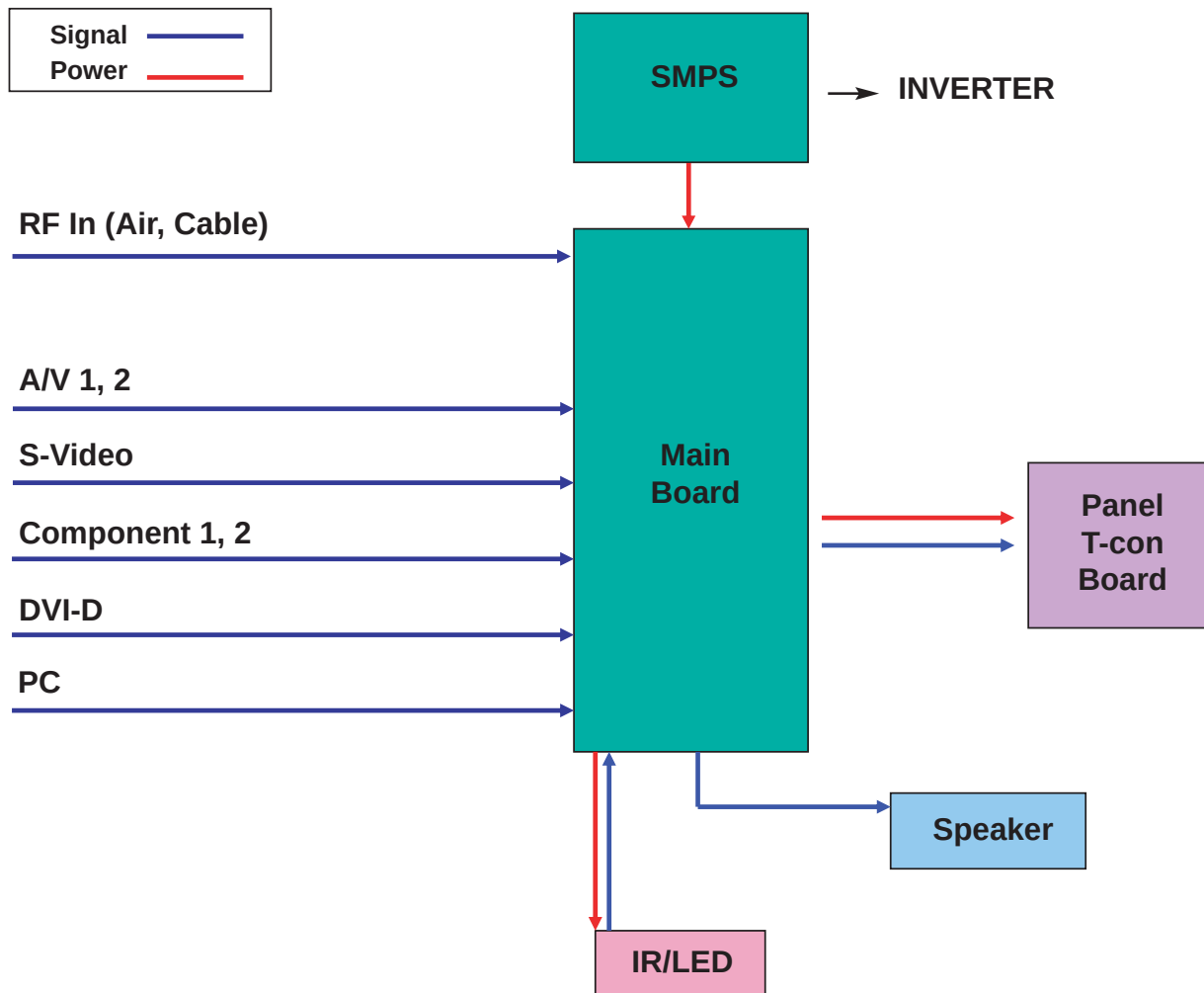
13-1-1 Block description with IP Board



Bordeaux consists of three main blocks

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

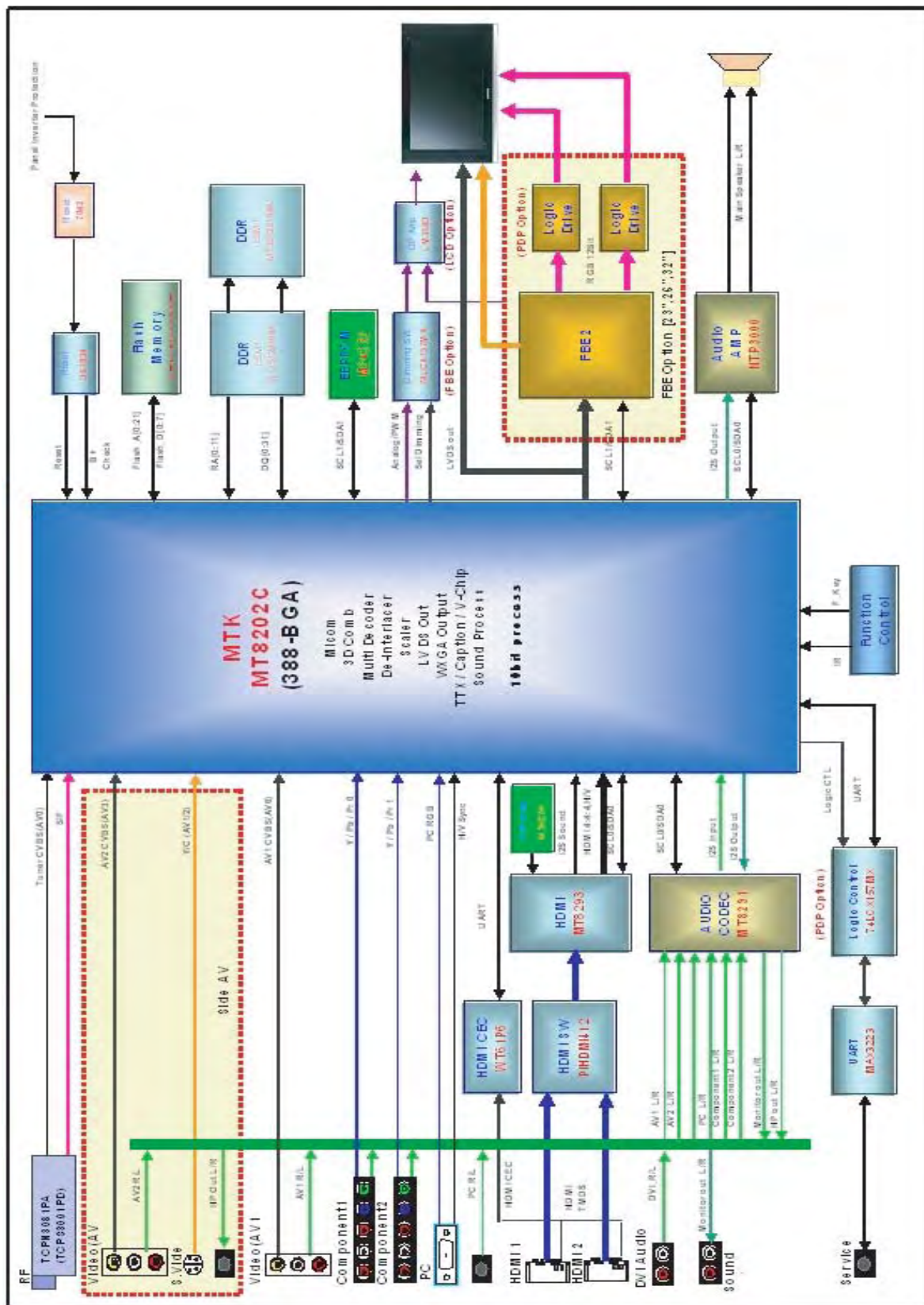
13-1-2 Block description with SMPS



Bordeaux consists of three main blocks

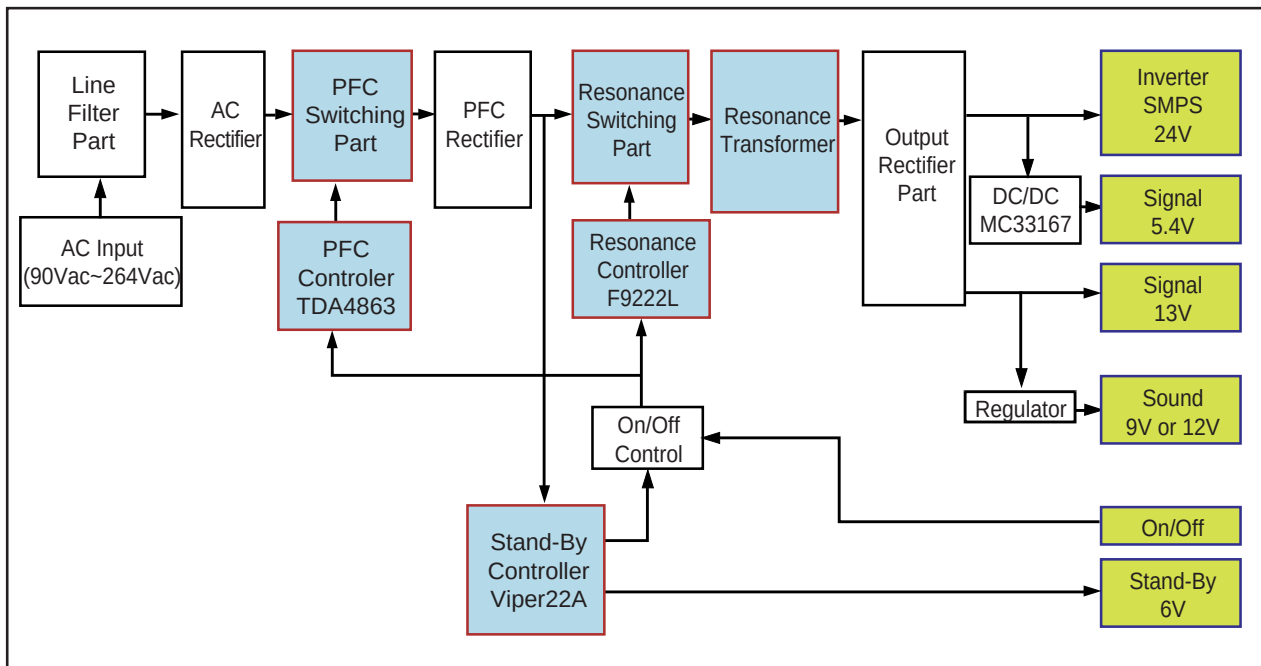
1. Main board : Video signal processing
2. SMPS : Power supply
3. T-con board : LCD Panel control

13-2 Main Block

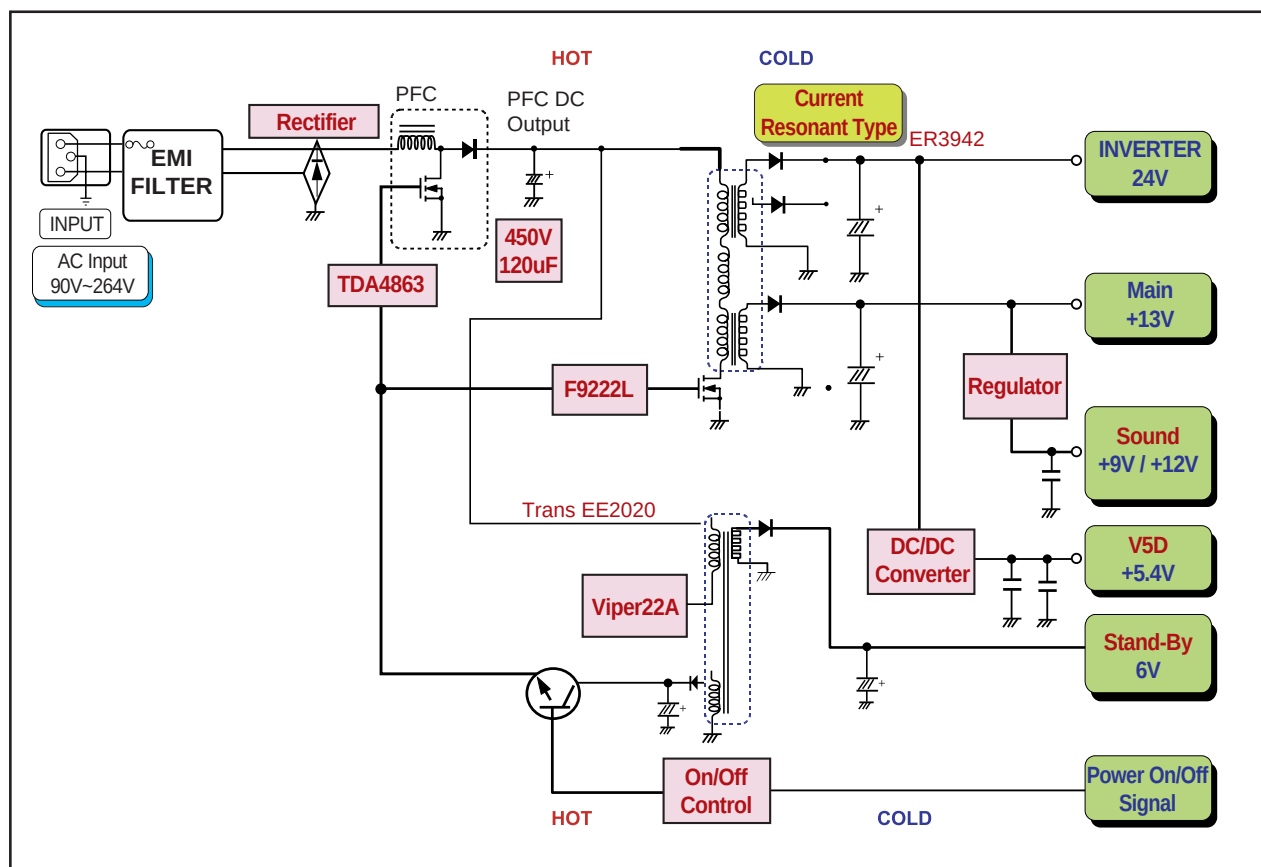


13-3 SMPS Board

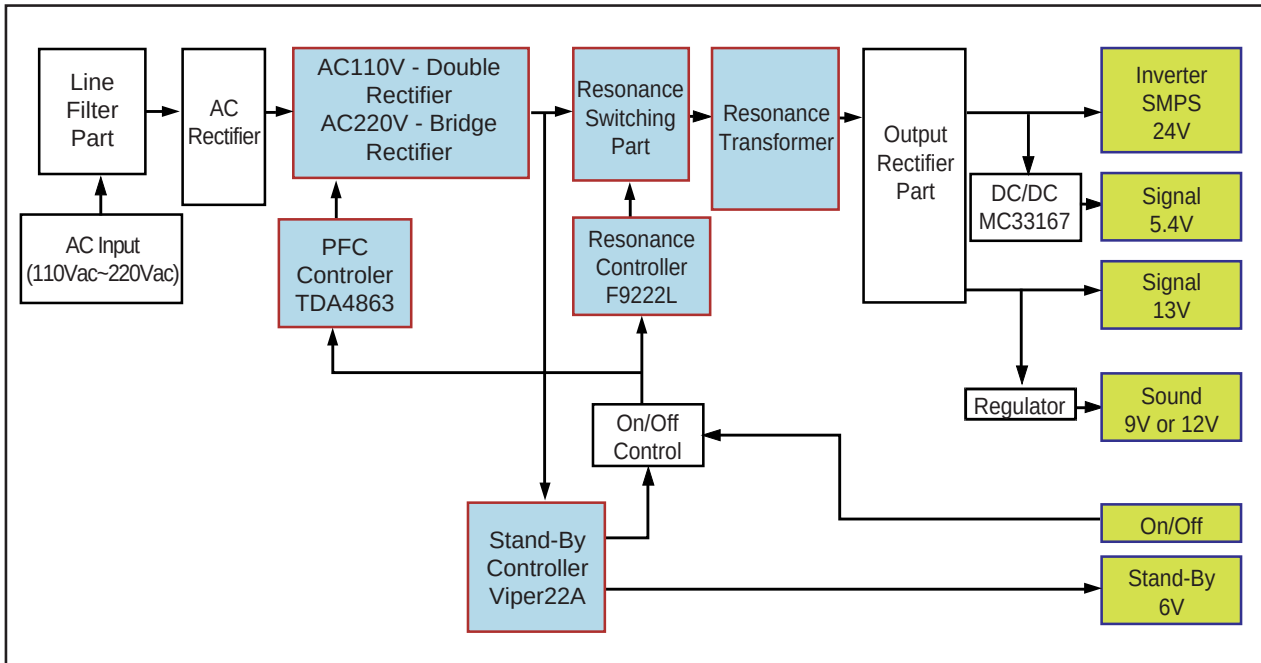
13-3-1 26", 32" SMPS Block



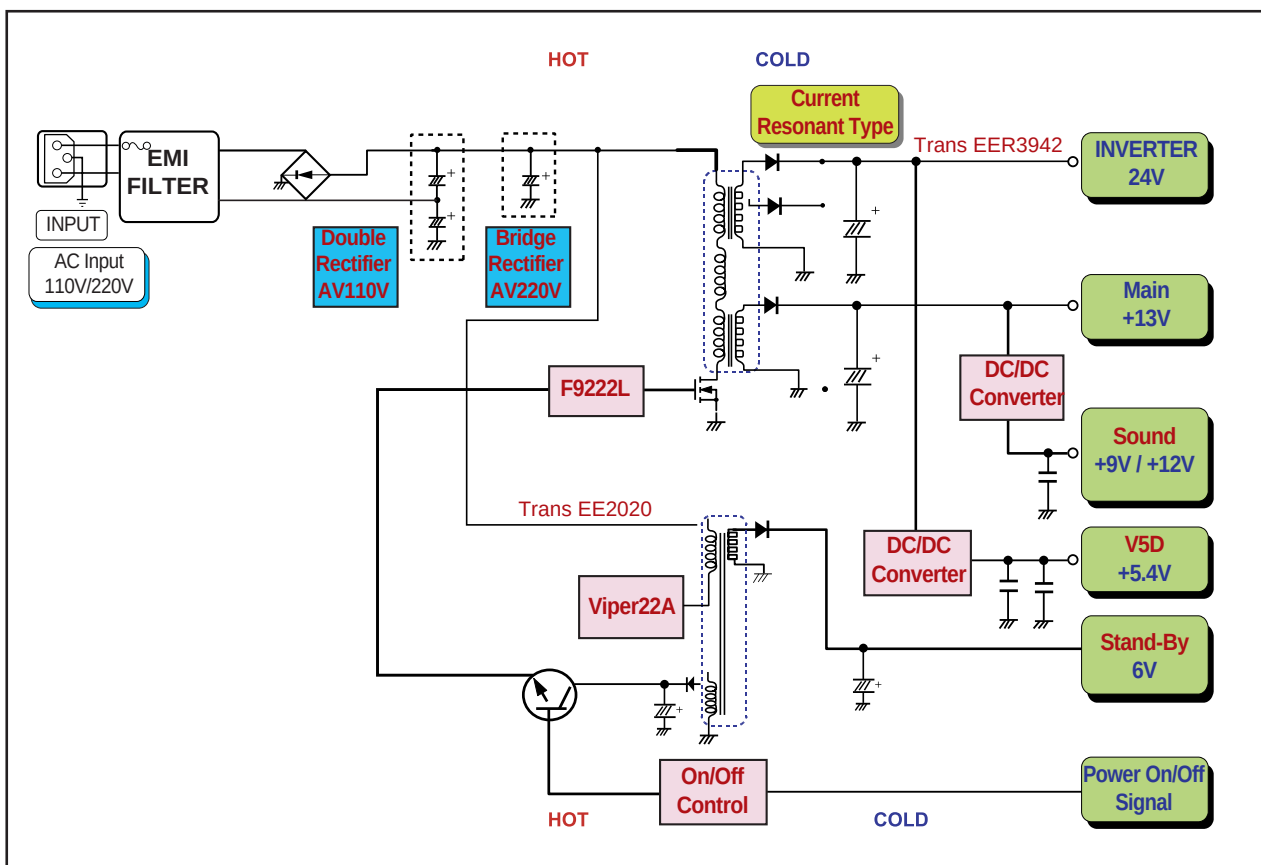
13-3-2 26", 32" SMPS Block



13-3-3 26" , 32" SMPS Block



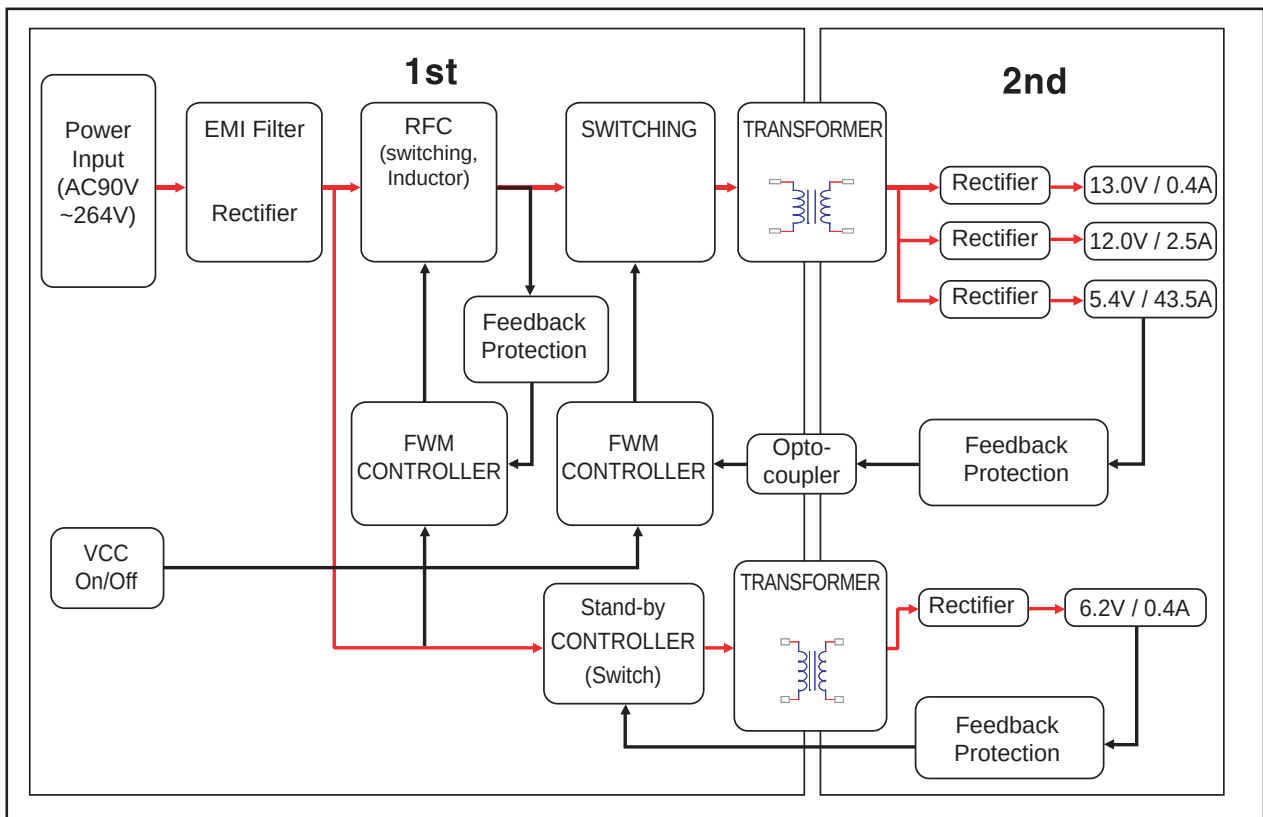
13-3-4 26" , 32" SMPS Block



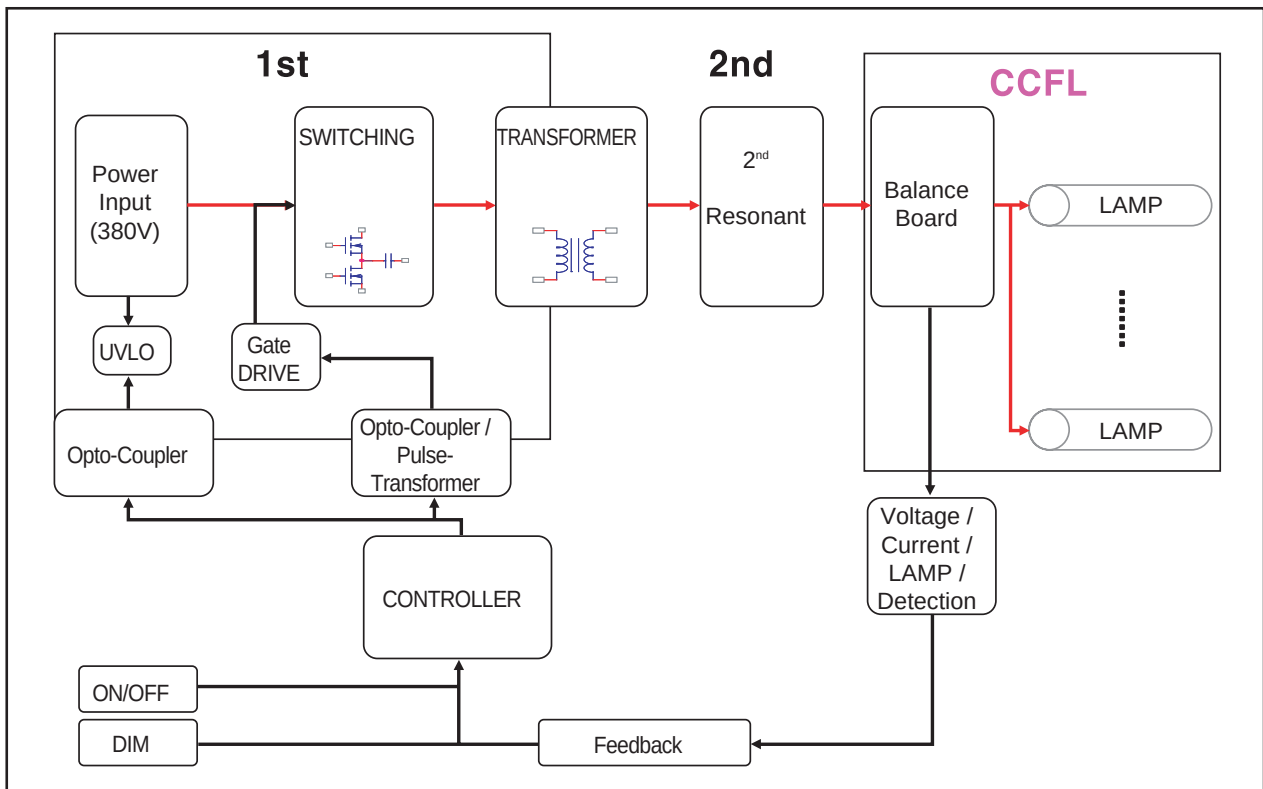
13 Circuit Descriptions

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

13-3-5 32" , 40" IP Board



13-3-6 32" , 40" IP Board



14 Reference Information

14-1 Technical Terms

- TFT-LCD

(Thin film Transistor Liquid Crystal Display)

ADC(Analog to Digital Converter)

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

- PLL(Phase Locked Loop)

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

- Inverter

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

- AC Adapter

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

- SMPS(Switching Mode Power Supply)

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

- FRC(Frame Rate Controller)

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

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

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

- Image Scaler

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

- Auto Configuration(Auto adjustment)

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

- OSD(On Screen Display)

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

- Image Lock

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

- FINE

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

- COARSE

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

- DVI (Digital Visual Interface)

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

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

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

- DVI (Digital Visual Interface)

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

- T.M.D.S

(Transition minimized Differential Signaling)

a kind of transmission method for Digital.

It can be used from Video card to Main PBA.

- DDC(Display data channel)

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

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

- EDID

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

- Dot Pitch

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

- Vertical Frequency

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

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

- Horizontal Frequency

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

- Interlace and Non-Interlace Methods

Showing the horizontal lines of the screen from the top to the bottom in order is called the Non-Interlace method while showing odd lines and then even lines in turn is called the Interlace method.

The Non-Interlace method is used for the majority of monitors to ensure a clear image. The Interlace method is the same as that used in TVs.

- Plug & Play

This is a function that provides the best quality screen for the user by allowing the computer and the monitor to exchange information automatically.

This monitor follows the international standard VESA DDC for the Plug & Play function.

- Resolution

The number of horizontal and vertical dots used to compose the screen image is called 'resolution'.

This number shows the accuracy of the display.

High resolution is good for performing multiple tasks as more image information can be shown on the screen.

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

- BTSC

Broadcast Television System Committee

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

- EIAJ

Electronic Industries Association of Japan.

- RF Cable

A round signal cable generally used for TV antennas.

- Satellite Broadcasting

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

- Sound Balance

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

- Cable TV

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

- CATV

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

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

- S-Video

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

- VHF/UHF

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

- Channel Fine Tuning

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

- External Device Input

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

14-2 Pin Assignments

14-2-1 DVI-D

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

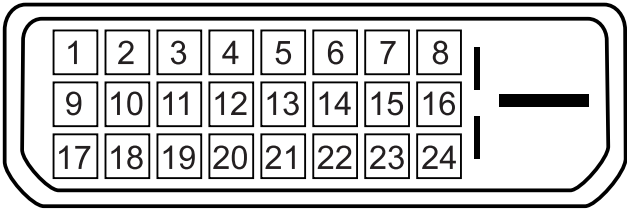


Figure 1.

14-2-2 Component

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

14-2-4 A/V

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

14-2-3 S-Video

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

14-2-5 D-SUB

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

14-2-6 PC Display mode

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

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

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

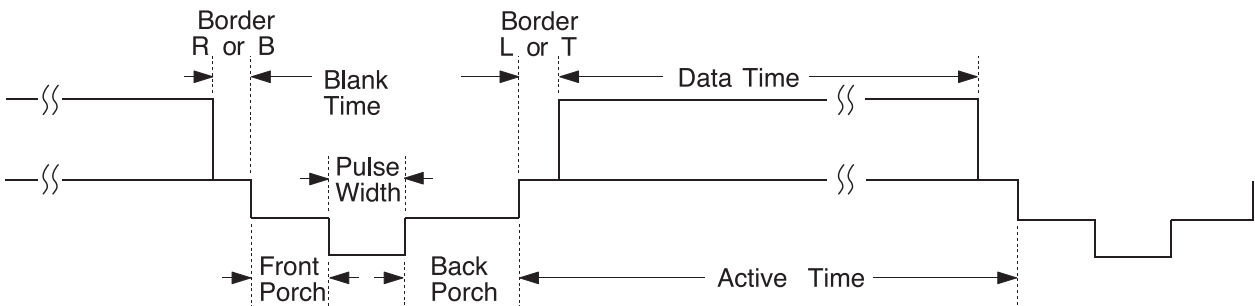
- The interlace mode is not supported.
- The set might operate abnormally if a non-standard video format is selected.
- DVI dose not support PC function.

14-3 Timing Chart

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

14-3-1 LCD Panel Mode1 mode

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



14-3-2 Supported Modes (1)

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

14-3-3 Supported Modes (2)

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

14-3-4 Supported Modes (3)

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

14-4 Panel Description

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LT140X1-002	BN07-00004A	SA	BN68-00239H	-
SEC	LT150XS-L01	BN07-00009A	SB		-
SEC	LT150XS-L01-B	BN07-00022A	SC		-
SEC	LTM150XS-L02	BN07-00005A	SD		-
SEC	LT181E2-132	BN07-00001A	SE		-
SEC	LT150XS-T01	BN07-00010A	SF		-
SEC	LTM181E3-132	BN07-00019A	SG		-
SEC	LT170E2-131	BN07-10001D	SH		-
SEC	LT181E2-131	BN07-10001E	SJ		-
SEC	LTM170E4-L01	BN07-00018A	SK		-
SEC	LTM240W1-L01	BN07-00015A	SL		-
SEC	LTM213U3-L01	BN07-00016A	SM		-
SEC	LTM150XH-L01	BN07-00026A	SN		-
SEC	LTM150XH-L03	BN07-00027A	SP		-
SEC	LTM150XS-L01	BN07-00032A	SQ		DELL(ZPD)
SEC	LTM181E4-L01	BN07-00034A	SR		PVA
SEC	LTM170EH-L01	BN07-00036A	SS		TN
SEC	LTM170E5-L01	BN07-00037A	SU		PVA
SEC	LTM150XH-L11	BN07-00041A	SV		-
SEC	LTM213U4-L01	BN07-00039A	SW		PVA
SEC	LTM150XH-L01(ZPD)	BN07-00045A	SX		ZPD
SEC	LTM150XH-L04	BN07-00046A	SY		New panel with high brightness
SEC	LTM170W1-L01	BN07-00047A	SZ		Panel for TV
SEC	LTM150XH-L06	BN07-00053A	EA		Panel for TV/ High luminance for 450cd _ SONY&EOS Team Panel for TV
SEC	LTM153W1-L01	BN07-00054A	EB		Use NIKE MODEL
SEC	LTM170EH-L05	BN07-00055A	EC		Panel EOS proj. for high brightness of 17" EH-L05
SEC	LTM170E5-L03	BN07-00056A	ED		Dell 1702FP pro. E4. EH mechanical Compatible
SEC	LTM190E1-L01	BN07-00057A	EE		DELL 1900 FP
SEC	LTM181E5-L01	BN07-00061A	EF		18" narrow bezel GH18PS
SEC	LTM150XP-L01	BN07-00065A	EG		AMLCD PVA PANEL
SEC	LTM240W1-L02	BN07-00062A	EH		Panel for 15" Wide TV
SEC	LTM170EU-L01	BN07-00071A	EJ		Slim design, TN
SEC	LTM170E5-L04	BN07-00072A	EK		E5-L04 6 bits FRC... for IBM
SEC	LTA220W1-L01	BN07-00074A	EL		Panel for 22" TV
SEC	LTM170E6-L02	BN07-00075A	EM		AMLCD Narrow & slim design 17" PVA mode
SEC	LTM170W1-L01	BN07-00082A	EN		LTM170W1-L01 ZPD panel
SEC	LTM170EH-L01	BN07-00080A	EP		LTM170EH-L01 ZPD panel
SEC	LTM170E5-L01	BN07-00081A	EQ		LTM170E5-L01 ZPD panel
SEC	LTM170EH-L05	BN07-00083A	ER		LTM170EH-L05 ZPD panel
SEC	LTM170E5-L03	BN07-00084A	ES		LTM170E5-L03 ZPD panel
SEC	LTM170EU-L01	BN07-00085A	ET		LTM170EU-L01 ZPD panel
SEC	LTM170E5-L04	BN07-00086A	EU		LTM170E5-L04 ZPD panel
SEC	LTM170E6-L02	BN07-00087A	EV		LTM170E6-L02 ZPD panel
SEC	LTM150XH-L06	BN07-00091A	EW		Color coordinates change for LCD TV
SEC	LTM153W1-L01	BN07-00092A	EX		AMLCD WIDE 15",9/10
SEC	LTM170W1-L01	BN07-00100A	EY		Color Coordinates change code management
SEC	LTM170EH-L05	BN07-00097A	EZ		LTM170E5-L05 Color Coordinates Change Panel Code

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA400W1-L01	BN07-00109A	S1		PANEL of AMLCD 40" TV
SEC	LTM153W1-L01	BN07-00110A	S2		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM150XH-L06	BN07-00111A	S3		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170W1-L01	BN07-00112A	S4		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM170EH-L05	BN07-00113A	S5		Color coordinates change 0.280/0.290, 10000k & ZPD Panel
SEC	LTM220W1-L01	BN07-00114A	S6		ZPD Panel for AMLCD 22" TV
SEC	LTM150XH-L06	BN07-00117A	S7		ZPD Panel code
SEC	LTM153W1-L01	BN07-00118A	S8		ZPD Panel code
SEC	LTM170WP-L01	BN07-00119A	S9		PVA Panel for NIKE
SEC	LTM213U4-L01	BN07-00039A	E1		21.3" NARROW
SEC	LTA260W1-L01	BN07-00121A	E2		VENUS
SEC	LTA220W1-L01	BN07-00074B	E3		"Panel B-level panel code for 22" TV Panel "
SEC	LTA320W1-L01	BN07-00108A	E4		"Panel for AMLCD 32" TV"
SEC	LTM213U4-L01	BN07-00124A	E5		NARROW BEZEL 21 " PANEL
SEC	LTM170E6-L04	BN07-00129A	E6		"HIGHLAND 17" LOW PANEL (Panel only for TCO03)"
SEC	LTM190E1-L01	BN07-00088A	E7		LTM190E1-L01 ZPD panel
SEC	M150X4-L06	BN07-00137A	E8		15" Narrow & Slim panel
SEC	LTA170V1	BN07-00139A	E9		"17" Panel for Muse 4:3 VGA TV"
SEC	LTM190E1-L02	BN07-00128A	E10		"New Panel from AMLCDI, Specification : 6bit Driver IC"
SEC	LTM170EX-L01	BN07-00143A	E11		"Development new Panel from AMLCD"
SEC	LTM170E8-L01	BN07-00144A	E12		"Development new Panel from AMLCD"
SEC	LTM170E6-L04	BN07-00129B	E13		"ZPD panel for AMLCD (Panel only for TCO03)"
SEC	LTA320W1-L02	BN07-00108B	E14		"Creat B-level Panel code for AMLCD 32" TV"
SEC	LTM190E1-L03	BN07-00151A	E15		"Development new 19" Panel form AMLCD (Panel only for TCO03)"
SEC	LTM240W1-L03	BN07-00134A	E16		"AMLCD 24" panel development"
SEC	LTM190E1-L02	BN07-00128B	E17		"New Panel from AMLCD, Specification : 6bit Driver IC(ZPD)"
SEC	LTM190E4-L01	BN07-00145A	E18		"AMLCD 24" new panel development"
SEC	LTM170E8-L01	BN07-00158A	E19		"ZPD code derivation"
SEC	LTM170EX-L01	BN07-00159A	E20		"ZPD code derivation"
SEC	LTM190E1-L03	BN07-00151B	E21		"Creat new panel code for AMLCD 19" (Panel only for TCO03)"
SEC	LTA460H1-L01	BN07-00157A	E22		"creat panel code for AMLCD 46" TV "
SEC	LTM170EU-L11	BN07-00160A	E23		"creat new panel code for AMLCD 17" (Panel only for TCO03)"
SEC	LTM240W1-L03	BN07-00134B	E24		"24" panel ZPD code derivation"
SEC	LTM190E4-L01	BN07-00145B	E25		"AMLCD 19" ZPD Panel code derivation"
SEC	LTM240W1-L03	BN07-00134B	E26		"24" panel ZPD code derivation"
SEC	LTM150XO-L01	BN07-00164A	E27		"AMLCD 15" XO-L01 new panel development"
SEC	LTM150XO-L01	BN07-00164B	E28		"AMLCD 15" XO-L01 ZPD code derivation"
SEC	LTM170EU-L11	BN07-00160B	E29		"AMLCD 17" NEW panel code derivation"
SEC	LTA320W2-L01	BN07-00172A	SPZ		AMLCD 32" NEW panel
SEC	LTM213U4-L01	BN07-00124B	SPZ		21.3" Narrow PANEL ZPD Panel derivation
SEC	LTM170EU-L11	BN07-00189A	STH		AMLCD EU-L11 Pb free panel code derivation
SEC	LTM170EU-L11	BN07-00189B	STZ		AMLCD EU-L11 Pb free panel ZPD code derivation
SEC	LTM240W1-L04	BN07-00188A	SPH		24" A-DCC new panel development
SEC	LTM240W1-L04	BN07-00188B	SPZ		24" A-DCC panel ZPD code derivation
SEC	LTM190EX-L01	BN07-00191A	STH		AMLCD 19" TN new Panel
SEC	LTM190EX-L02	BN07-00191B	STZ		AMLCD 19" TN new Panel ZPD derivation
SEC	LTA230W1-L02	BN07-00184A	SPZ		AMLCD 23" 16:9 new Panel

14 Reference Information

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
SEC	LTA260W2-L01	BN07-00185A	SPZ		AMLCD 26" 16:9 new Panel
SEC	LTM240M1-L01	BN07-00195A	SPH		24" panel with high brightness development
SEC	LTA400W2-L01	BN07-00186A	SPZ		AMLCD 40" 16:9 new Panel
SEC	LTM150XO-L01	BN07-00197A	STH		AMLCD 15" XO-L01 Pb free panel code
SEC	LTM150XO-L01	BN07-00197B	STZ		AMLCD 15" XO-L01 Pb free panel ZPD code
SEC	LTM170EU-L21	BN07-00202A	STZ		AMLCD EU-L21 ZPD new code derivation
SEC	LTA460W2-L03	BN07-00187A	SPZ		BEETOVEN 46"ZPD new panel
SEC	LTM240M1-L01	BN07-00195B	SPZ		24" igh brightness panel ZPD code derivation
SEC	M170EX-L21	BN07-00206A	STZ		AMLCD LTM170EX-L21 ZPD new code derivation
SEC	LTA460H3-L01	BN07-00200A	SPZ		AMLCD 46" LED BLU panel
SEC	LTM170EU-L15	BN07-00214A	STZ		AMLCD EU-L15 TV high brightness ZPD new code derivation
SEC	LTM170E8-L21	BN07-00218A	SPZ		AMLCD LTM170E8-L21 PVA ZPD new code derivation
SEC	LTM190EX-L21	BN07-00222A	STZ		DISPLAY LCD
SEC	LTM201U1-L01	BN07-00190B	SPZ		AMLCD 20.1" Normal panel ZPD code derivation
SEC	LTM190E4-L21	BN07-00223A	SPZ		HAYDN 17" PZD code PANEL derivation
SEC	LTA570H1-L01	BN07-00196A	SPZ		AMLCD 57" new panel development
SEC	LTM150XO-L21	BN07-00229A	STZ		AMLCD 15" XO-L21 8ms panel code
SEC	LTA260W2-L11	BN07-00239A	SPZ		AMLCD 26" 16:9 7Line new Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% new Panel
SEC	LTM213U6-L01	BN07-00231A	SPZ		AMLCD 21.3" PVA new Panel Code
SEC	LTA320WS-LH2	BN07-00244A	SPZ		AMLCD 32" 16:9 SPVA 90% new Panel
SEC	LTA400WS-LH1	BN07-00245A	SPZ		AMLCD 40" 16:9 SPVA 90% new Panel
CPT	CLAA150XG09	BN07-00141A	PA		"CPT 15"" Monitor new panel development"
CPT	CLAA170EA02	BN07-00148A	PB		"17"" CPT NEW development panel"
CPT	CLAA170EA02	BN07-00148B	PC		"17"" CPT ZPD panel code derivation"
CPT	CLAA150XG09	BN07-00141B	PTZ		"CPT 15"" panel ZPD code derivation (GOYA-PJT)"
CPT	CLAA150XP01	BN07-00173A	PTH		CPT 15" PSWG code derivation
CPT	CLAA150XP01	BN07-00173B	PTZ		CPT 15" PSWG panel ZPD code
CPT	CLAA170EA07	BN07-00174A	PTH		"CPT 17"" PSWG panel code derivation
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17"" PSWG type new Panel code""
CPT	CLAA170EA07	BN07-00174B	PTZ		CPT 17" PSWG type new Panel code
CPT	CLAA170EA07Q	BN07-00220A	PTZ		CPT 17" PSWG R/T 8msec code derivation
CPT	CLAA170EA07Q	BN07-00220B	PTH		CPT 17" PSWG R/T 8msec HPD code derivation
CPT	CLAA150XP01F	BN07-00236A	PTZ		CPT 15" PSWG panel ZPD & Lead free code derivation
TOSHIBA	LTM15C419(A)	BN07-00002A	TA		-
TOSHIBA	LTM15C423(B)	BN07-00006A	TB		-
TOSHIBA	LTM18C161	BN07-00008A	TC		-
TOSHIBA	LTM15C443	BN07-00031A	TD		-
TOSHIBA	LTM15C458	BN07-00043A	TE		-
TOSHIBA	LTM15C458S	BN07-00077A	TF		"TSB 15"" high brightness Panel"
TOSHIBA	LTM15C458	BN07-00078A	TG		Toshiba ZPD panel
TOSHIBA	LTM15C458S	BN07-00099A	TH		TSB LTM15C458S (ZPD)
HANNSTAR	HSD150MX41A(A)	BN07-00020A	NA		"TTL type"
HANNSTAR	HSD150MX12	BN07-00030A	NB		"TTL type"
HANNSTAR	HSD170ME13	BN07-00180A	NTH		Hannstar 17" TN new panel development
HANNSTAR	HSD170ME13	BN07-00180B	NTZ		Hannstar 17" TN new panel development ZPD code derivation
HANNSTAR	HSD190ME12	BN07-00210A	NTZ		Hannstar 19" TN new panel development

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
HANNSTAR	HSD150MX17-A	BN07-00226A	NTZ		Hannstar 15" slim panel ZPD code derivation
TORISAN	TM150XG-22L03(A)	BN07-00021A	RA		-
TORISAN	TM150XG-26L06	BN07-00042A	RB		-
TORISAN	TM181SX-76N01	BN07-00048A	RC		-
TORISAN	TM150XG-26L06	BN07-00059A	RD		15" XGA TN MODE(ZPD)
TORISAN	TM290WX-71N31	BN07-00063A	RE		"RS24NS (TORISAN 29"" NEW PANEL)"
TORISAN	TM396WX-71N31	BN07-00064A	RF		"RS24NS (TORISAN 40"" NEW PANEL)"
TORISAN	TM150XG-26L09	BN07-00073A	RG		"Panel for 15"" TV"
TORISAN	TM150XG-26L10	BN07-00089A	RH		"L10(change except D/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
TORISAN	TM150XG-A01	BN07-00162A	RTH		Torisan 15" Narrow & Slim panel development
TORISAN	TM150XG-A01	BN07-00162B	RTZ		Torisan 15" N&S panel ZPD code Derivation
SHARP	LQ181E1DG11(A)	BN07-10001C	PA		-
SHARP	LQ150X1LW71	BN07-00067A	PB		SHARP 15" PVA PANEL
SHARP	LQ370T3LZ41	BN07-00216A	FAZ		Rome2
HITACHI	TX38D12VC0CAA(A)	BN07-00003A	HA		-
HITACHI	TX43DVCOCAB	BN07-00060A	HB		17" SXGA PVA MODE
HITACHI	TX43D15VC0CAB	BN07-00101A	HC		ZPD Panel
HITACHI	TX51D11VC0CAB	BN07-00122A	HD		20.1" NARROW
HITACHI	TX54D11VC0CAB	BN07-00123A	HE		21.3" NARROW
HITACHI	TX80D12VC0CAB	BN07-00169A	HIZ		"Development new panel for Hitachi 32"" TV (ZPD)"
HITACHI	TX54D11VC0CAB	BN07-00123B	HIZ		Hitachi 21.3"ZPD panel
IBM	ITSX94S	BN07-00017A	IA		-
UNIPAC	UM170E0	BN07-00028A	UA		Loaded by cisdba
HYUNDAI	HT15X13	BN07-00035A	DA		-
HYUNDAI	HT17E11-200	BN07-00049A	DB		TN MODE
HYUNDAI	HT17E11-300	BN07-00093A	DC		HT17E11-300 ZPD panel
HYUNDAI	HT17E11-400	BN07-00094A	DD		HT17E11-400 normal panel
HYUNDAI	HT17E11-400	BN07-00095A	DE		HT17E11-400 ZPD panel code
HYUNDAI	HT17E12	BN07-00096A	DF		HT17E12 (Narrow & slim Design)
HYUNDAI	HT17E12	BN07-00105A	DG		ZPD Panel code
HYUNDAI	HT15X15-D00	BN07-00146A	DH		"Development for Ares 15"" Hydis TV"
HYUNDAI	HT15X15-D01	BN07-00146B	DJ		"Derivation panel HPD for Ares 15"" Hydis TV "
HYUNDAI	HT17E13-100	BN07-00167A	DTH		"PINEHURST-2(IBM) PJT 17"" HYDIS PANEL Derivation"
HYUNDAI	HT17E13-100	BN07-00167B	DTZ		"PINEHURST-2(IBM) Hydis 17"" ZPD code Derivation"
ACER	L170E3	BN07-00044A	AA		TN(ADT)
ACER	M170EN05	BN07-00076A	AB		AU 17" Panel (Narrow & slim design)

14 Reference Information

Maker	VENDOR P/N	PANEL_CODE	PANEL_ABB	STICKER_CODE	Remarks
ACER	M170EN05	BN07-00102A	AC		ZPD Panel code
ACER	M190EN02	BN07-00170A	AMH		"AU Monitor 19"" new panel development (P19-1S)"
ACER	M190EN02	BN07-00170B	AMZ		"AU 19"" ZPD code derivation (ZPD)"
ACER	M170EN06	BN07-00171A	ATH		"AU Monitor 17"" New panel development "
ACER	T260XW01	BN07-00163A	AMZ		"AU 26"" new panel development (NF26EO)"
ACER	A201SN01	BN07-00177A	ATZ		"AU TV panel 20.1"" TN SVGA new panel development"
ACER	M170EN06	BN07-00171B	ATZ		AU Monitor 17" ZPD code derivation
ACER	T315XW01	BN07-00194A	AMZ		AU 32" new
ACER	M170EG01	BN07-00192A	ATH		AU TN PSWG type new Panel code
ACER	M170EG01	BN07-00192B	ATZ		AU TN PSWG type NEW panel code derivation
ACER	M190EN04	BN07-00203A	ATH		AU Monitor 19" ZPD new Panel code
ACER	T260XW02	BN07-00208A	AMZ		AUO 26" ZPD panel
ACER	M170EG01 V8	BN07-00221A	ATZ		AU TN PSWG type new Panel (8msec) ZPD code derivation
ACER	T260XW02	BN07-00233A	AMZ		AUO 26" Panel new (Cosmetic spec down grade)
ACER	T315XW01	BN07-00234A	AMZ		AUO 32" Grade new (Cosmetic spec down grade)
ACER	M190EN03	BN07-00224A	AMZ		AU Monitor 19" MVA new code derivation
ACER	T315XW01	BN07-00237A	AMZ		LCD TV VE project new
ACER	T315XW01	BN07-00238A	AMZ		LCD TV VE project new
ACER	M201UN02 V3	BN07-00168A	AMZ		
CHIMEI	M170E3-L01	BN07-00050A	CA		TN PANEL
CHIMEI	M150X3-L01	BN07-00051A	CB		COMPATIBLE
CHIMEI	M170E4-L01	BN07-00052A	CC		MVA PANEL
CHIMEI	M150X2-L01	BN07-00066A	CD		CHIMEI 15" PVA PANEL
CHIMEI	M150X3-L01	BN07-00079A	CE		Chimei ZPD panel
CHIMEI	M170E3-L01	BN07-00103A	CF		ZPD Panel code
CHIMEI	M170E4-L01	BN07-00104A	CG		ZPD Panel code
CHIMEI	V296W1-L01	BN07-00120A	CH		MVA
CHIMEI	M170E6-L02	BN07-00126A	CJ		HIGHLAND 17" LOW PANEL
CHIMEI	M190E2-L01	BN07-00131A	CK		GH19AS,BS CHIMEI PANEL
CHIMEI	M150X4-L06	BN07-00137A	CL		15" Narrow & Slim panel
CHIMEI	M170E6-L01	BN07-00133A	CM		"2003-03-11 vendor change"
CHIMEI	M170E6-L01	BN07-00133B	CN		ZPD derivation panel
CHIMEI	V201V1-T01	BN07-00135A	CP		CHIMEI 20.1" panel development
CHIMEI	M170E6-L02	BN07-00126B	CQ		"HIGHLAND 17"" LOW PANEL ZPD derivation panel"
CHIMEI	M170E6-L05	BN07-00152A	CR		"CMO 17"" new panel development code"
CHIMEI	M170E6-L05	BN07-00152B	CS		"CMO 17"" ZPD panel code derivation"
CHIMEI	M150X4-L06	BN07-00137B	CT		Chimei 15" Narrow & Slim panel ZPD derivation
CHIMEI	M170E5-L05	BN07-00165A	CTH		CMO 17" new panel development code (GOYA2-PJT)
CHIMEI	M170E5-L05	BN07-00165B	CTZ		CMO 17" ZPD panel(GOYA2-PJT)
CHIMEI	V230W1-L02	BN07-00209A	CMZ		CMO 23" development
CHIMEI	V320B1-L01	BN07-00207A	CMZ		CMO 32" development
CHIMEI	V270W1-L01	BN07-00136A	CMZ		CHI MEI 27" panel development
NEC	SVA150XG04TB	BN07-00225A	BTZ		SVA NEC 15" panel ZPD code