



# TFT-LCD TV/MONITOR

Chassis	Model
RE23UO	LN-R238W
RE26UO	LN-R268W
RE32UO	LN-R328W

# *SERVICE Manual*

## TFT-LCD TV/MONITOR



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# 1 Precautions

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

## 1-1 Safety Precautions

### 1-1-1 Warnings

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

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

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

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

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

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

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

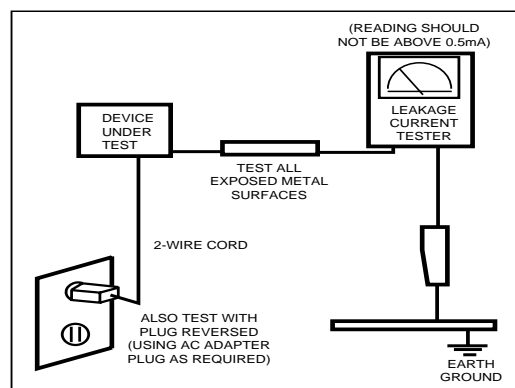


Figure 1-1. Leakage Current Test Circuit

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

### 1-1-4 Product Safety Notices

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

## 1 Precautions

### 1-2 Servicing Precautions

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

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

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

#### 1-2-1 General Servicing Precautions

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

### 1-3 Electrostatically Sensitive Devices (ESD) Precautions

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

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

## 2 Product Specifications

### 2-1 LN-R238W 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 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 110 ~ 120 V, 60 Hz	
Power Consumption	100 W	
Dimensions(W x D x H) Set	22.95 x 3.54 x 17.44 inches(583.0 x 90.0 x 443.0 mm) Body  22.95 x 8.11 x 19.10 inches (583.0 x 206.0 x 484.7 mm) With stand	
Weight Set(With stand)	18.96 lbs (8.6 kg)	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tunning	Frequency Synthesize
	System	NTSC
	Sound	STEREO
Antena Input	75 $\Omega$	
Sound Characteristic	– MAX Internal speaker Out : Right => 3W, Left => 3W	
	– BASS Control Range : -8 dB ~ + 8dB – TREBLE Control Range : -8 dB ~ +8 dB – Headphone Out : 10 mW MAX – Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-2 LN-R268W Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 26-Inch viewable, 0.4215 (H) x 0.4215(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 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 110 ~ 120 V, 60 Hz	
Power Consumption	140 W	
Dimensions(W x D x H) Set	26.06 x 3.70 x 19.60 inches (662.0 x 94.0 x 497.8 mm) Body  26.06 x 8.11 x 21.22 inches (662.0 x 206.0 x 539.0 mm) With stand	
Weight Set(With stand)	33.07 lbs (15.0 kg)	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tunning	Frequency Synthesize
	System	NTSC
	Sound	STEREO
Antena Input	75 $\Omega$	
Sound Characteristic	– MAX Internal speaker Out : Right => 5W, Left => 5W	
	– BASS Control Range : -8 dB ~ + 8dB – TREBLE Control Range : -8 dB ~ +8 dB – Headphone Out : 10 mW MAX – Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-3 LN-R328W Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.511 (H) x 0.511(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p $\pm$ 5% positive at 75 $\Omega$ , internally terminated	
Input Sync Signal	Type : Seperate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 110 ~ 120 V, 60 Hz	
Power Consumption	184 W	
Dimensions(W x D x H) Set	31.38 x 3.898 x 23.31 inches (797.0 x 99.0 x 592.0 mm) With stand  31.38 x 9.80 x 25.62 inches (797.0 x 249.0 x 650.7 mm) Body	
Weight Set(With Stand)	39.02 lbs (17.7 Kg)	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tunning	Frequency Synthesize
	System	NTSC
	Sound	STEREO
Antena Input	75 $\Omega$	
Sound Characteristic	– MAX Internal speaker Out : Right => 10W, Left => 10W	
	– BASS Control Range : -8 dB ~ + 8dB – TREBLE Control Range : -8 dB ~ +8 dB – Headphone Out : 10 mW MAX – Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-4 Pin Assignments

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### 2-4-1 HDMI

Type A pin	Singnal Name	Wire
1	TMDS Data2+	TMDS Signal wire
2	TMDS Data2 Shield	TMDS Shield
3	TMDS Data2-	TMDS Signal wire
4	TMDS Data1+	TMDS Signal wire
5	TMDS Data2 Shield	TMDS Shield
6	TMDS Data1-	TMDS Signal wire
7	TMDS Data0+	TMDS Signal wire
8	TMDS Data0 Shield	TMDS Shield
9	TMDS Data0-	TMDS Signal wire
10	TMDS Clock+	TMDS Signal wire
11	TMDS Clock Shield	TMDS Clock Shield
12	TMDS Clock-	TMDS Shield
13	CEC	Control
14	Reserved (in cable but N.C on device)	Control
15	SCL	Control
16	SDA	Control
17	DDC/CEC Ground	Control
18	+5V Power	5 Volts Power wire
19	Hot Plug Delect	Control

## 2-4-2 Component 1, 2

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

## 2-4-3 S-Video

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

## 2-4-4 A/V

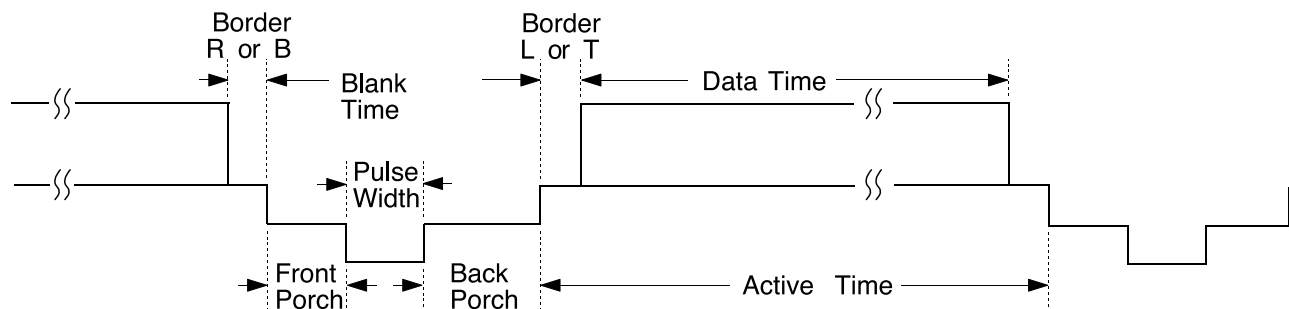
RCA Yellow	CVBS
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

## 2-5 Timing Chart

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

### 2-5-1 LCD Panel Mode1 mode

Timing No.		
Originator	VESA	VESA
Mode Name	1280/60Hz	1366/60Hz
Resolution (HxV)	1280x768	1366x768
HORIZONTAL		
Frequency	47.700kHz	47.712kHz
Total time	20.964 $\mu$ s	20.959 $\mu$ s
Active time	15.973 $\mu$ s	15.906 $\mu$ s
Blank time	4.992 $\mu$ s	5.053 $\mu$ s
Border(L / R)	0.000 $\mu$ s	0.000 $\mu$ s
Data time	15.964 $\mu$ s	15.906 $\mu$ s
Front porch	0.799 $\mu$ s	0.749 $\mu$ s
Sync. width	1.697 $\mu$ s	1.702 $\mu$ s
Back porch	2.496 $\mu$ s	2.994 $\mu$ s
Sync. polarity	Negative	Positive
VERTICAL		
Frequency	60.000Hz	60.015Hz
Total time	16.667ms	16.662 ms
Active time	16.101ms	16.097ms
Blank time	0.566ms	0.566 ms
Border(T / B)	0.000ms	0.000 ms
Data time	16.101ms	16.097ms
Front porch	20.964ms	0.063 ms
Sync. width	62.893ms	0.105 ms
Back porch	482.180	0.377ms
Sync polarity	Positive	Positive
Dot Clock	80.136MHz	85.500MHz
Sync. Type	Separate	Separate
Scan Type*	N/I	N/I



## 2-5-1 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

## 2 Product Specifications

### 2-5-1 Supported Modes (2)

Timing No.	13	14	18	33
Originator	VESA	VESA	VESA	MAC
Mode Name	800/60Hz	800/72Hz	800/75Hz	832/75Hz
Resolution (HxV)	800x600	800x600	800x600	832x624
HORIZONTAL				
Frequency	37.879kHz	48.077kHz	46.875kHz	49.726kHz
Total time	26.400 $\mu$ s	20.800 $\mu$ s	21.333 $\mu$ s	20.110 $\mu$ s
Activetime	20.000 $\mu$ s	16.000 $\mu$ s	16.162 $\mu$ s	14.524 $\mu$ s
Blank time	6.400 $\mu$ s	4.800 $\mu$ s	5.171 $\mu$ s	5.586 $\mu$ s
Border(L / R)	0.000 $\mu$ s	0.000 $\mu$ s	0.000 $\mu$ s	0.000 $\mu$ s
Data time	20.000 $\mu$ s	16.000 $\mu$ s	16.162 $\mu$ s	14.524 $\mu$ s
Front porch	1.000 $\mu$ s	1.120 $\mu$ s	0.323 $\mu$ s	0.559 $\mu$ s
Sync. width	3.200 $\mu$ s	2.400 $\mu$ s	1.616 $\mu$ s	1.117 $\mu$ s
Back porch	2.200 $\mu$ s	1.280 $\mu$ s	3.232 $\mu$ s	3.910 $\mu$ s
Sync. polarity	Positive	Positive	Positive	Negative
VERTICAL				
Frequency	60.317Hz	72.188Hz	75.000Hz	74.551Hz
Total time	16.579ms	13.853ms	13.333ms	13.414ms
Active time	15.840ms	12.480ms	12.800ms	12.549ms
Blank time	0.739ms	1.373ms	0.533ms	0.865ms
Border(T / B)	0.000ms	0.000ms	0.000ms	0.000ms
Data time	15.840ms	12.480ms	12.800ms	12.549ms
Front porch	0.026ms	0.770ms	0.021ms	0.020ms
Sync. width	0.106ms	0.125ms	0.064ms	0.060ms
Back porch	0.607ms	0.478ms	0.448ms	0.784ms
Sync polarity	Positive	Positive	Positive	Negative
Dot Clock	40.000MHz	50.000MHz	49.500MHz	57.284MHz
Sync. Type	Separate	Separate	Separate	Separate Composite
Scan Type	N/I	N/I	N/I	Sync.- on-G N/I

## 2-5-1 Supported Modes (3)

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

## Memo

## 3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LN-R268W/LN-R328W LCD TV.

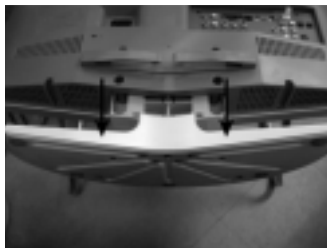
**⚠ WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.**

### 3-1 LN-R238W Disassembly

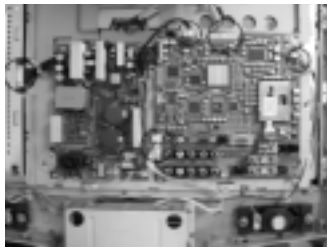
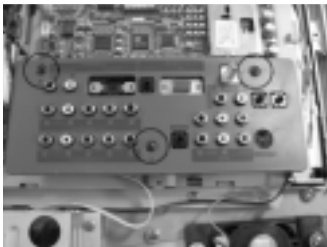
**⚠ Cautions: 1. Disconnect the monitor from the power source before disassembly.**



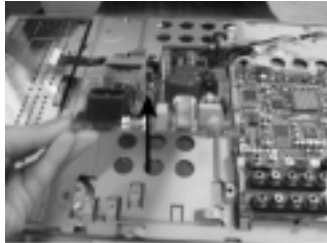
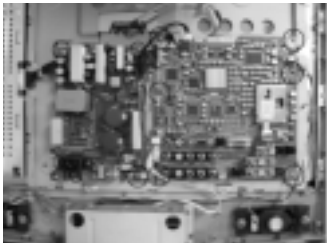
1. Place LCD TV face down on cushioned table. Remove 9 screws from the rear cover. Remove 4 screws from grip on the stand, and remove the stand.



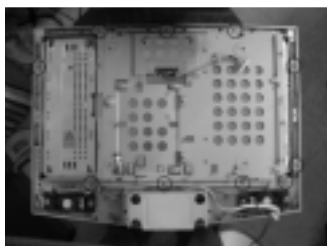
2. Remove the stand and lift up the rear cover.



3. Remove 3 screws and lift up the jack cover. Disconnect speaker cable, function cable from the board.

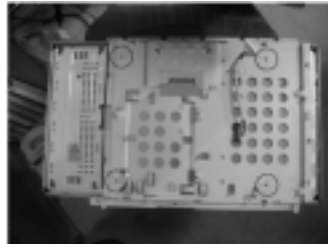


4. Remove 13 screws from the shield and lift up the power board.

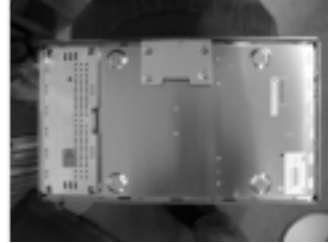


5. Lift up the main board.

### 3 Disassembly and Reassembly



5. Lift up the shield panel and remove 4 screws.



6. Lift up the shield cover.

### 3-2 LN-R268W Disassembly

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1. Place LCD TV face down on cushioned table.  
Remove 9 screws from the rear cover.  
Remove 4 screws from grip on the stand, and  
remove the stand.



2. Remove the stand and lift up the rear cover.

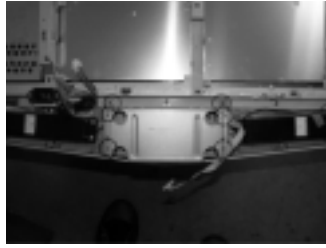
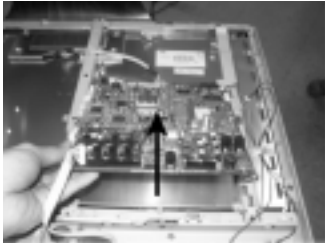


3. Remove 3 screws and lift up the jack cover.  
Disconnect speaker cable, function cable from the  
board.

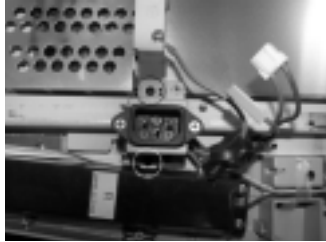
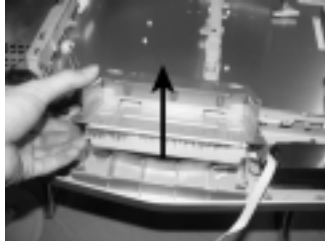


4. Remove 10 screws from the shield and lift up the  
power board.

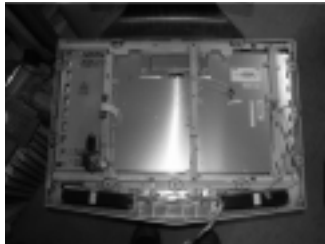
### 3 Disassembly and Reassembly



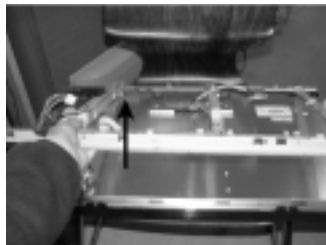
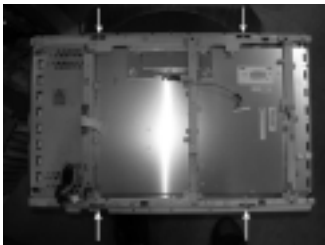
5. Lift up the main board.  
Remove 6 screws.



6. lift up the stand BRKT.



7. Remove 9 screws from the shield and lift up the shield panel.

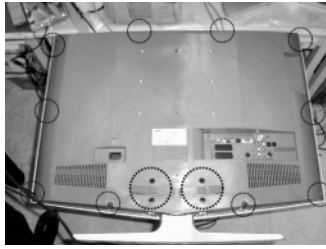


8. Remove 4 screws from the shield and lift up the BRKT.

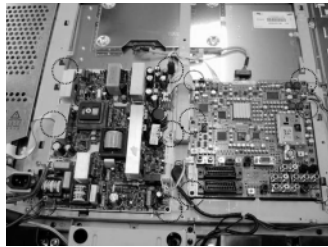
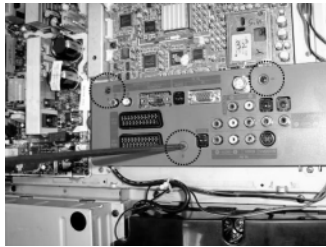


### 3-3 LN-R328W Disassembly

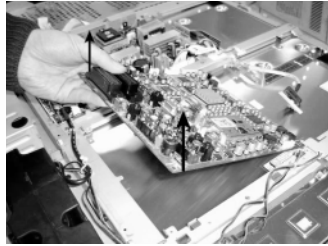
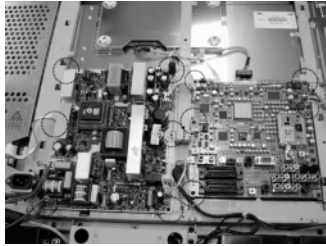
---



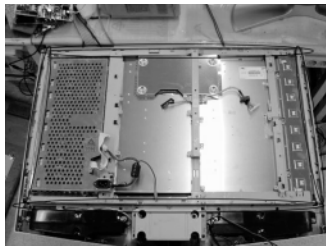
1. Place LCD TV face down on cushioned table.  
Remove 14 screws from the rear cover.  
Lift up the rear cover.



2. Remove 3 screws from the Jack cover.  
Remove 12 screws from The board.



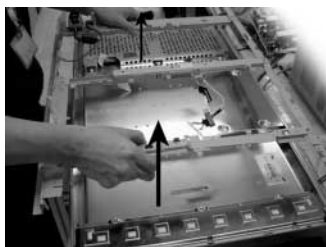
3. Disconnect speaker cable, function cable LVDS cable and lift up the main board and power board.



4. Remove 11 screws from the shield.and lift up the shield.



5. Remove 5 screws(Left :2/Right :3)



6. Lift up the BRKT.

## 3-3 Reassembly

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Reassembly procedures are in the reverse order of dissassembly procedures.

## Memo

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## 4 Alignments and Adjustments

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### 4-1 General Alignment Instruction

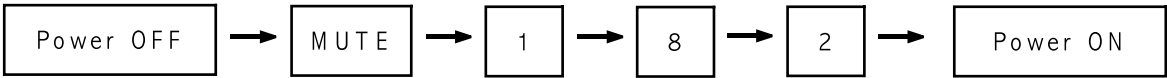
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1. Usually, a color LCD-TV needs only slight touch-up adjustment upon installation.  
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching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

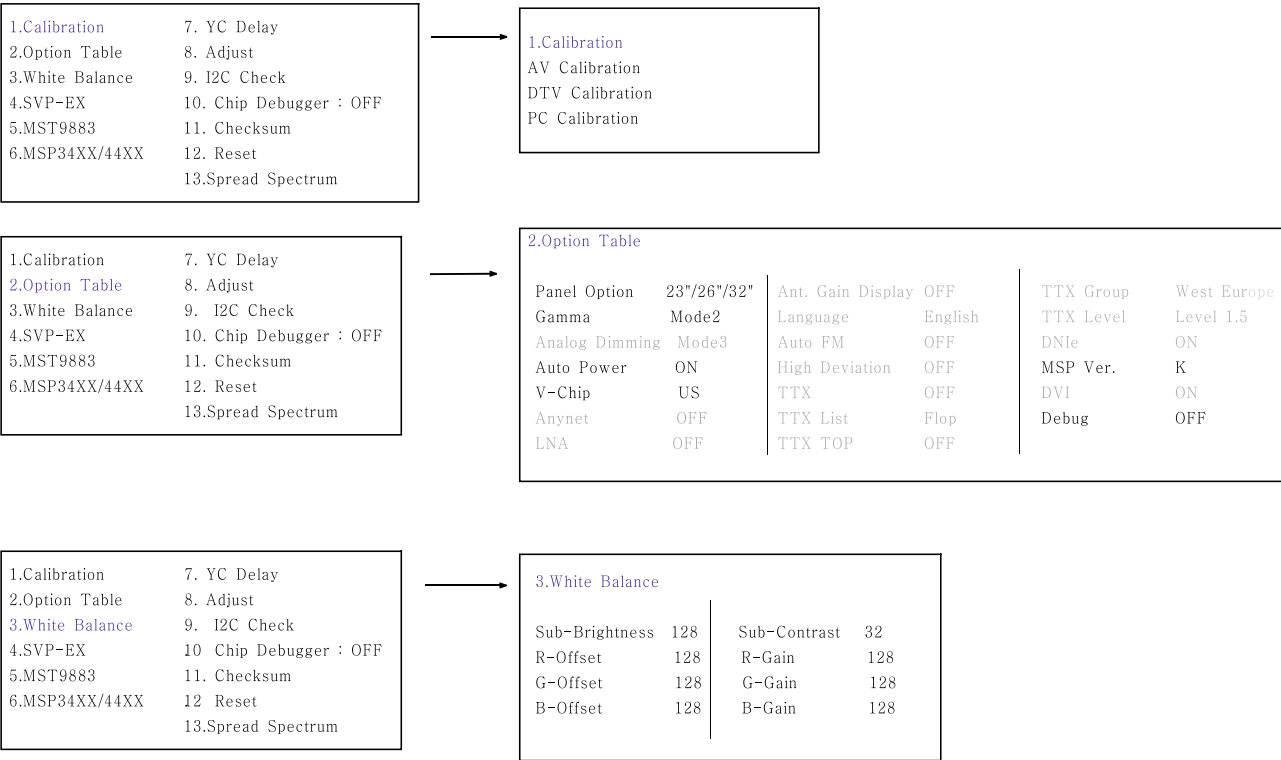
## 4-2 Factory Mode Adjustments

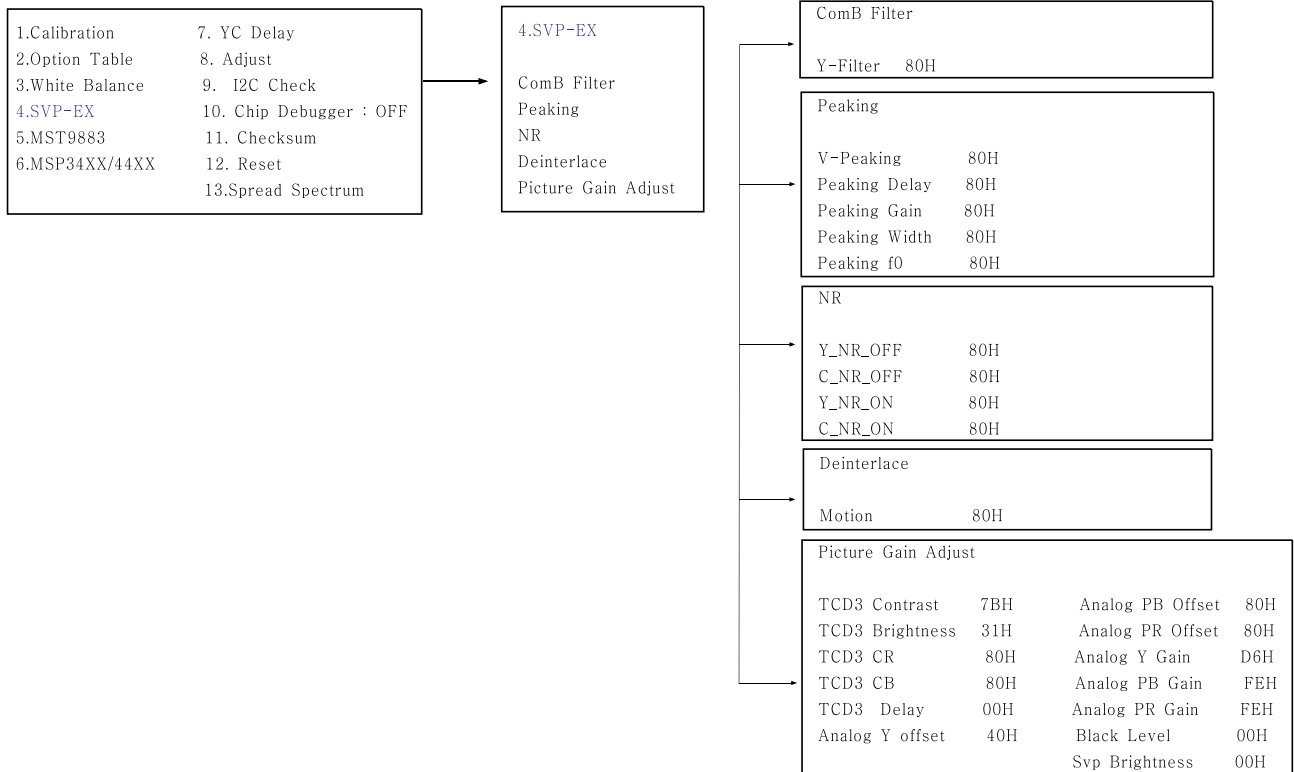
### 4-2-1 Entering Factory Mode

1. To enter “Service Mode” Press the remote -control keys in this sequence :  
- If you do not have Factory remote - control

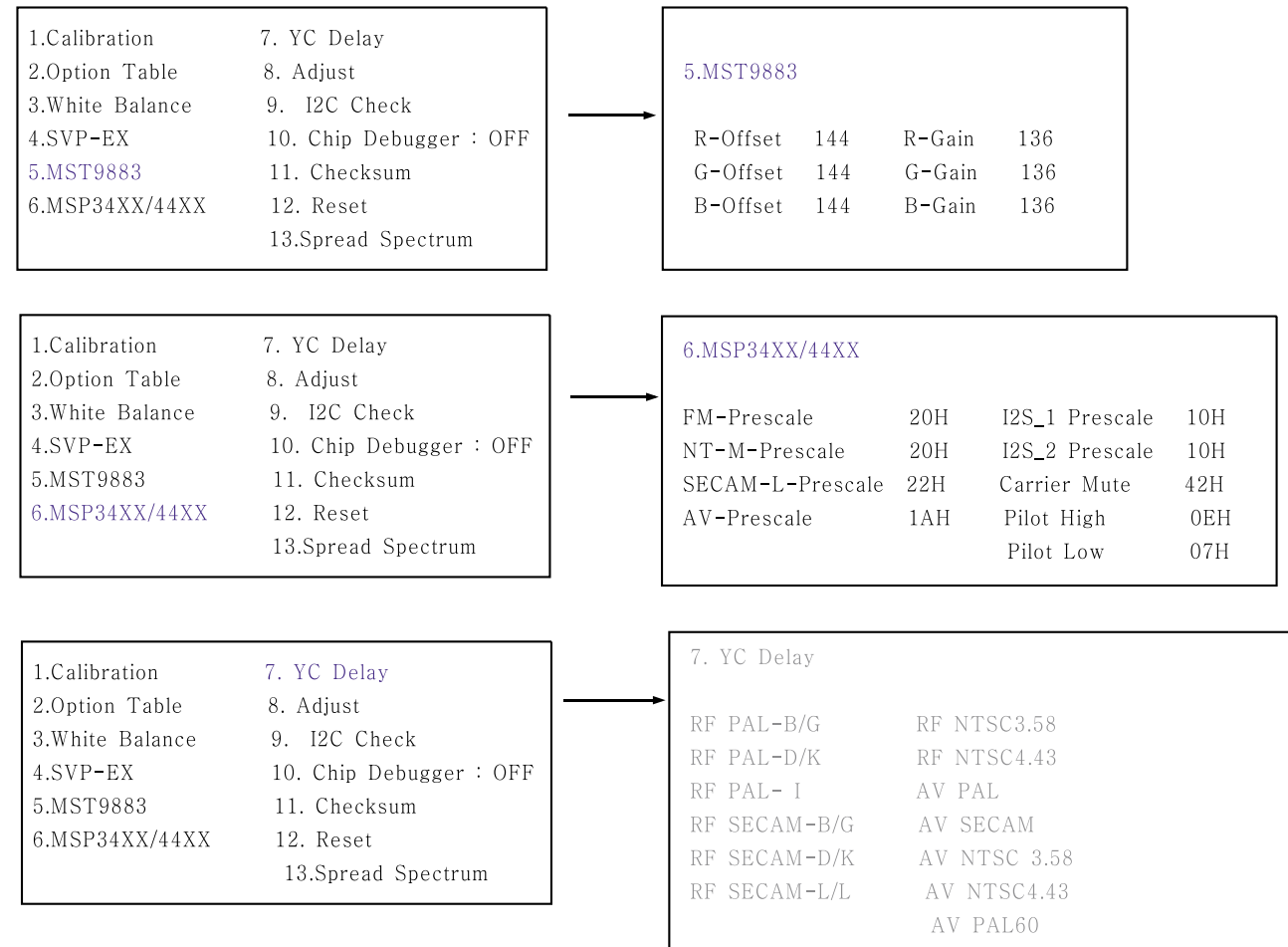


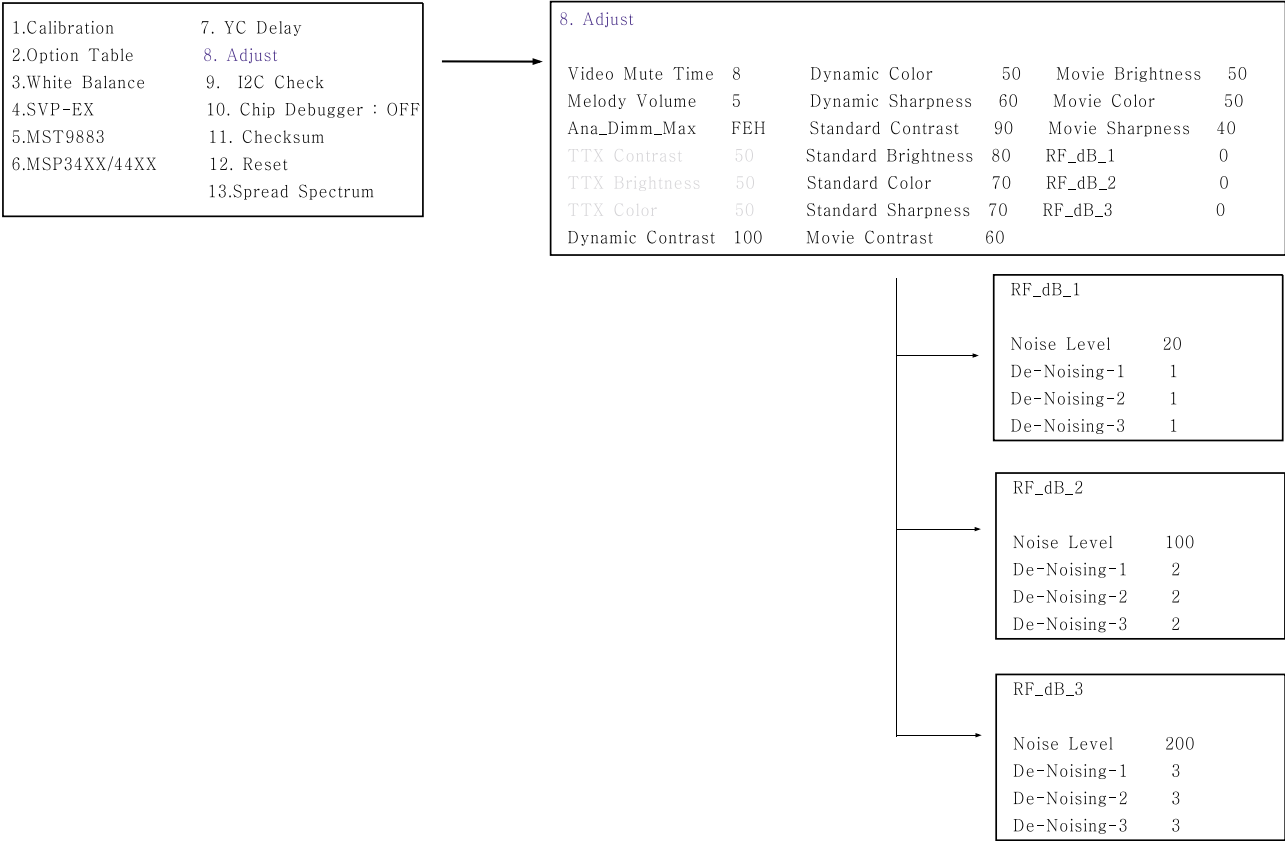
### 4-2-2 Factory Mode Tree





## 4 Alignments and Adjustments





#### 4 Alignments and Adjustments

1. Calibration	7. YC Delay
2. Option Table	8. Adjust
3. White Balance	9. I2C Check
4. SVP-EX	10. Chip Debugger : OFF
5. MST9883	11. Checksum
6. MSP34XX/44XX	12. Reset
	13. Spread Spectrum



I2C Check

Chip Debugger : OFF/ON

Checksum : XXXX

Reset : -

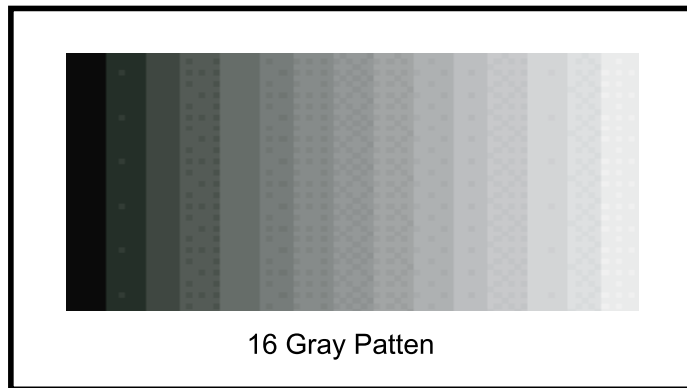
### 4-3-1 White Balance - Calibration

If picture color is wrong, do calibration first

Equipment : CA210, Pattern : 16 gray

Execute calibration in Factory Mode

Source AV : PAL composite, Component : 1280\*720/60Hz  
PC : 1024\*768/60Hz



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

If picture color is wrong, check White Balance condition

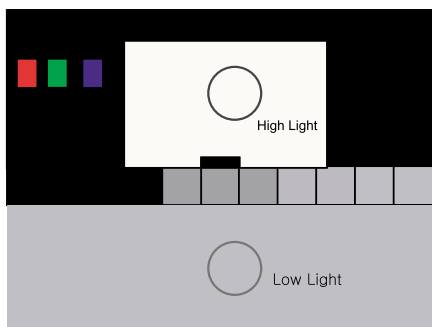
Equipment : CA210, Pattern : Toshiba

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



Toshiba Pattern

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

\*Color temperature  
1500K +/-500, -6 ~-20 MPCD

\*Color coordinate  
H/L : 267/263 +/- 2 35.0 Ft +/- 2.0Ft  
L/L : 270/260 +/- 3 1.5 Ft +/- 0.2Ft

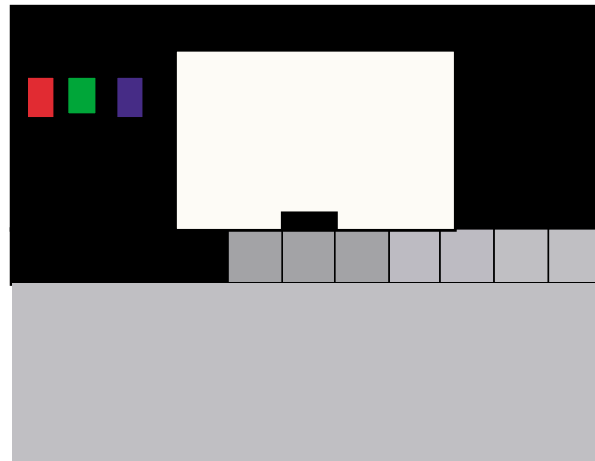
### 4-3-3 Conditions for Measurement

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 6 : 1280X720@60 Hz
    - NO 21 : 1024X768@60 Hz
  - \* Pattern NO 36 : 16 Color Pattern
  - NO 16 : Toshiba ABL Pattern
2. Optical measuring device : CA210 (FL)  
Please use the MSPG-925 LTH generator for model LT26A33W.

### 4-3-4 Method of Adjustment

1. Adjust the basic level of DTV and PC input signals.
  - a) Set the input to the mode in which the adjustment will be made (DTV → PC ).
    - \* Input signal - DTV Mode : Model #6 (1280\*720 Mode), Pattern #36
    - PC Mode : Model #21 (1024\*768 Mode), Pattern #16 (Picture 4-1)
  - b) Enter factory Calibration, confirm the ADC data (DTV, PC Mode Only).
    - \* ADC default value : Table 4-3.

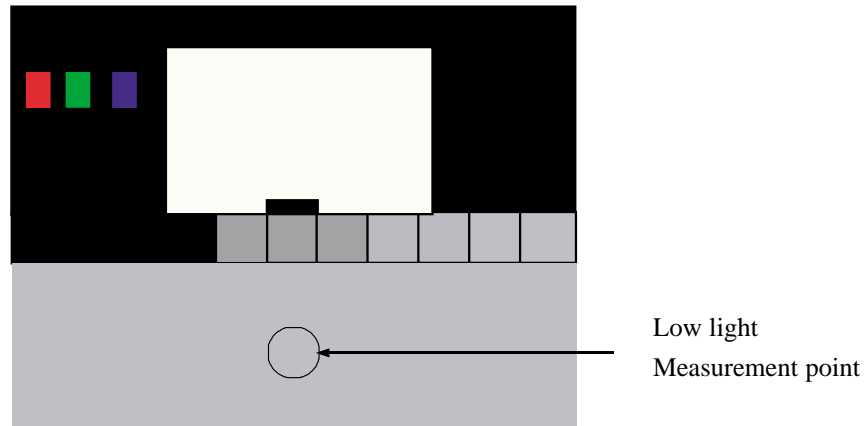
Picture 4-1 Toshiba ABL Pattern



2. Adjust the white balance of RF, DTV, PC and DVI Modes.
  - a) Set the input to the mode in which the adjustment will be made (RF → DTV → PC → DVI).
    - \* Input signal - VIDEO Mode : Model #1 (744\*484 Mode), Pattern #16
    - DTV,DVI Mode : Model #6 (1280\*720 Mode), Pattern #16
    - PC Mode : Model #21 (1024\*768 Mode), Pattern #16
  - b) Enter factory color control, confirm the data.

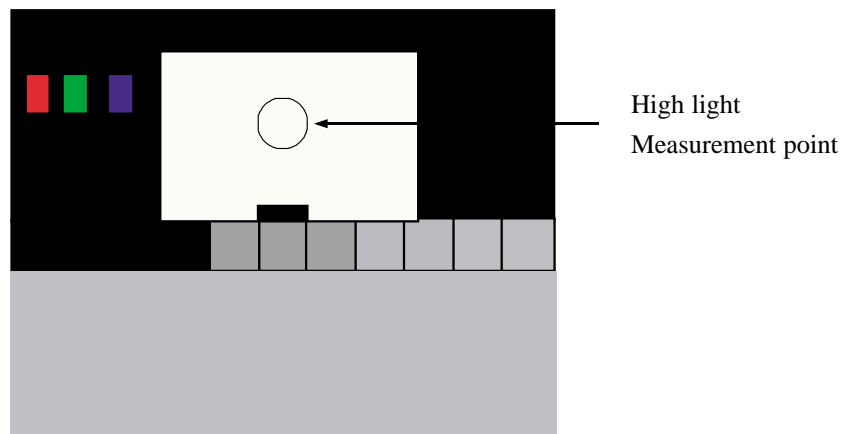
- c) Adjust the low light. (Refer to table 1, 2 in adjustment position by mode)
- Adjust sub - Brightness to set the 'Y' value.
  - Adjust red offset ('x') and blue offset ('y') to the color coordinates.
- \* Do not adjust green offset data.

Picture 4-2 Toshiba ABL Pattern



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

Picture 4-3 Toshiba ABL Pattern



## 4 Alignments and Adjustments

### 4-4 Flash ROM Update

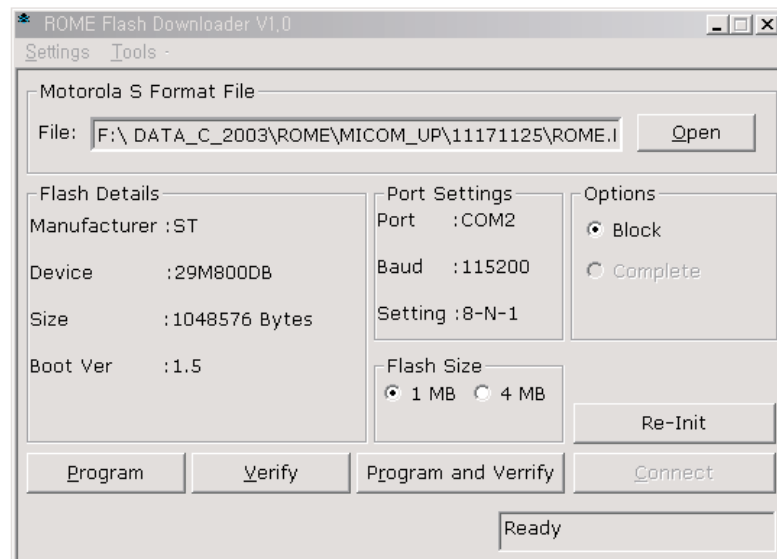
#### 1. Install the Flash Downloader

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



#### 2. Flash Downloader program update

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



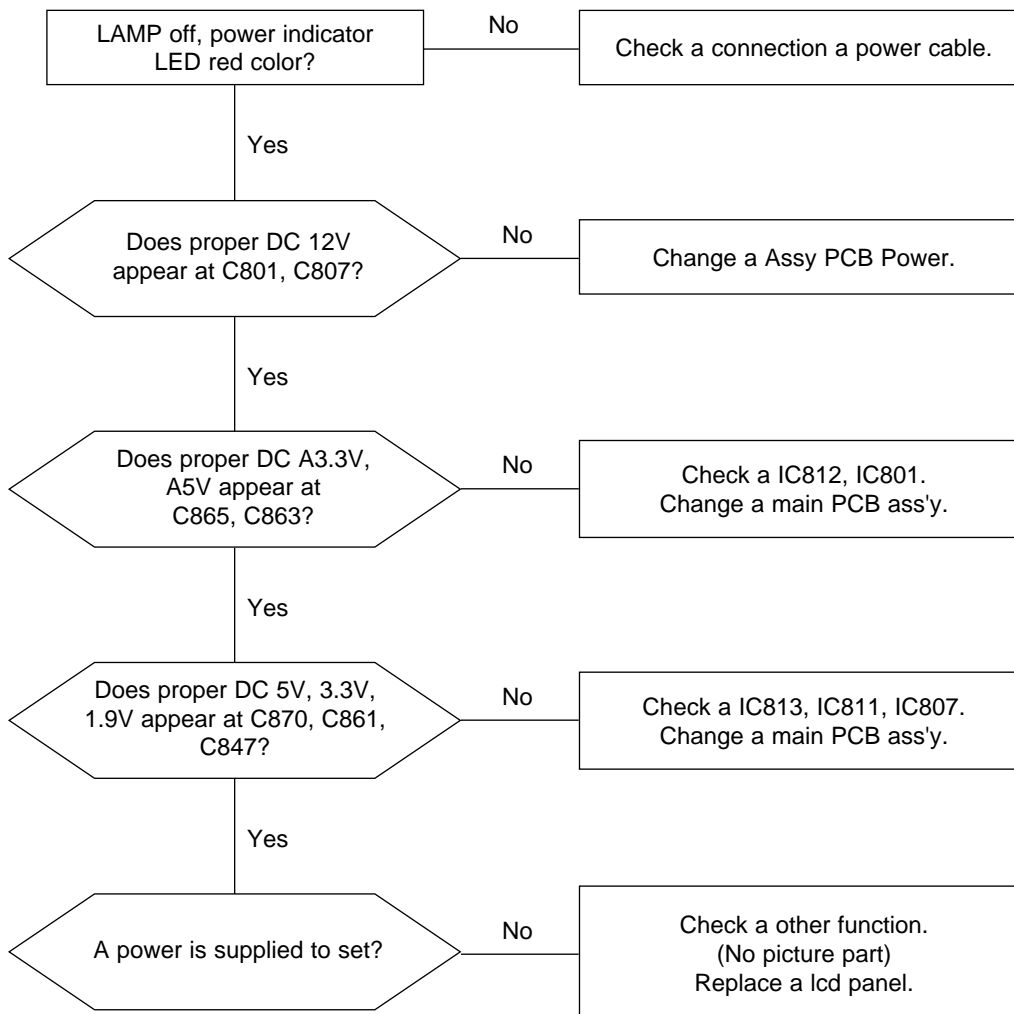
3. Open the New Update File and Click the Program and Verify.
4. Program update sledding is marked sequentially on OSD screen.
5. After program update completion, message should be pop up.

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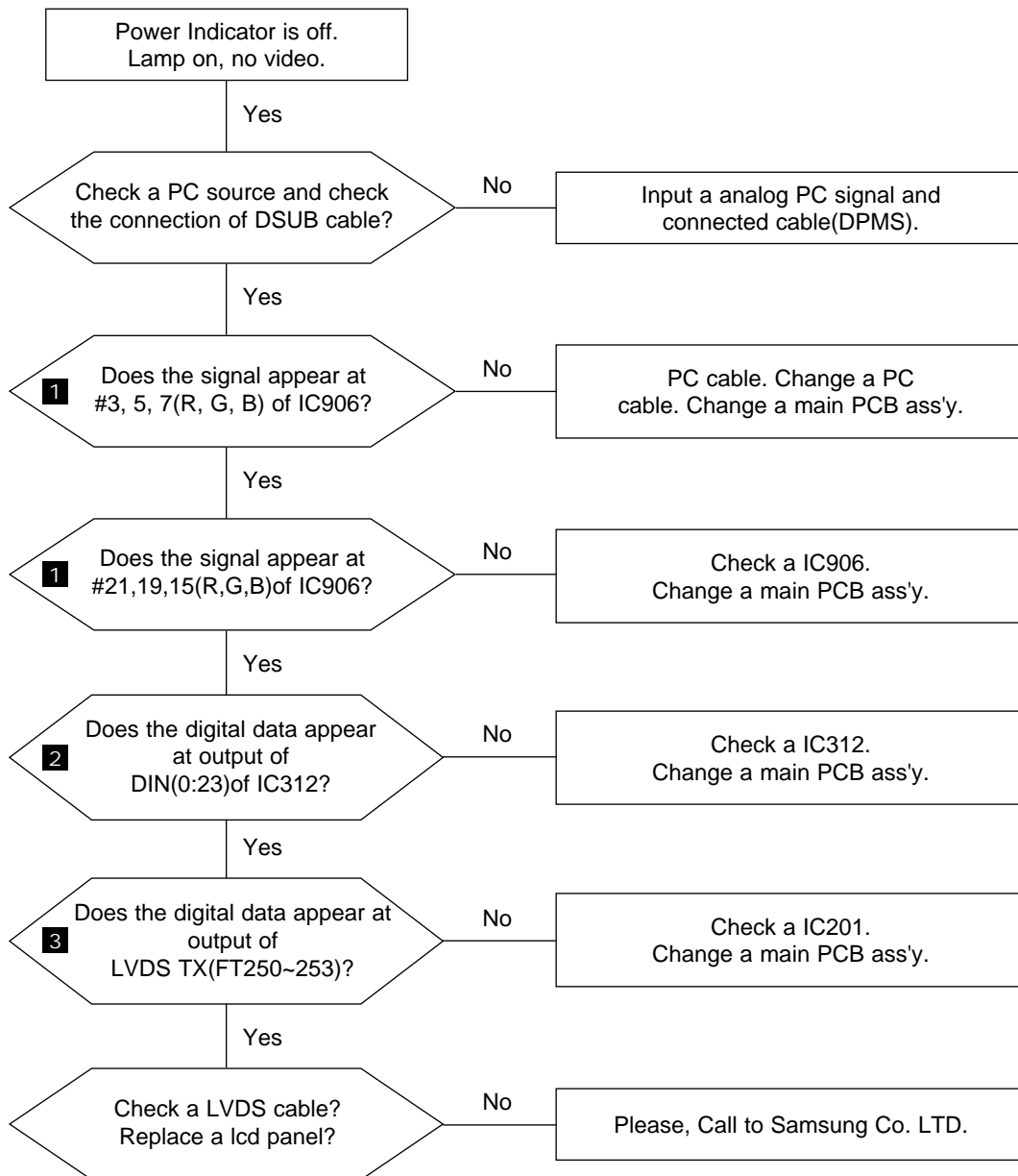
## 5 Troubleshooting

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### 5-1 No Power

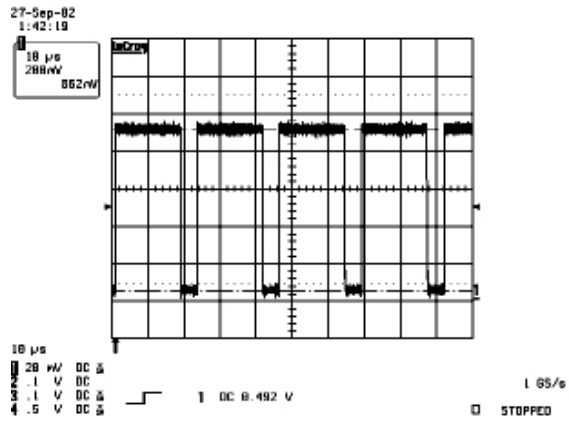


## 5-2 No Video (Analog PC Signal)

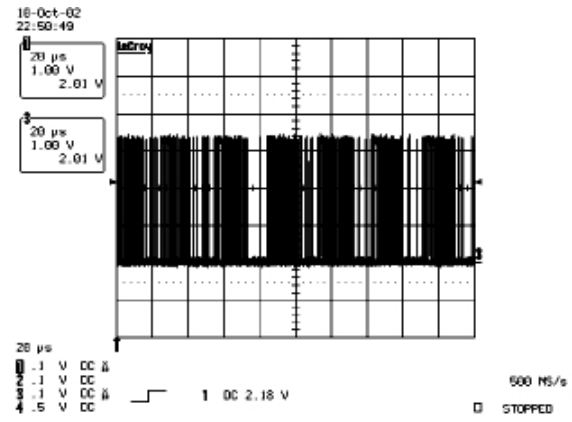


## WAVEFORMS

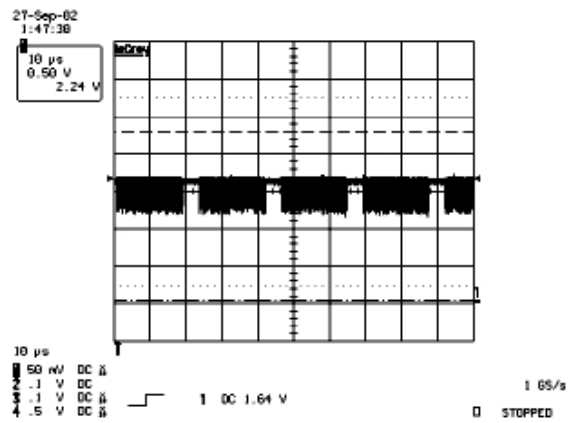
### 1 R,G,B Output Signal of IC906



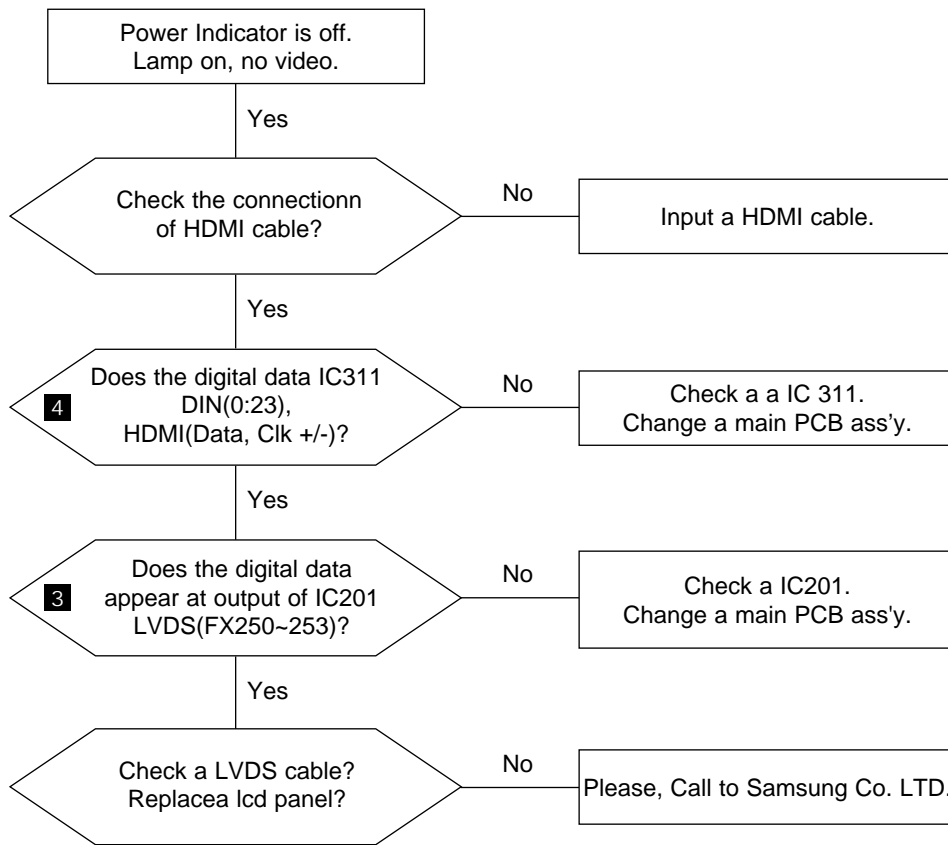
### 2 R,G,B Output Signal of IC312



### 3 Digital Output Data of IC201

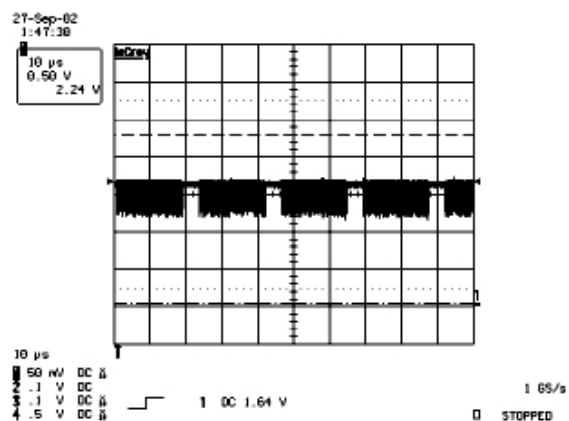


### 5-3 No Video (HDMI-Digital Signal)

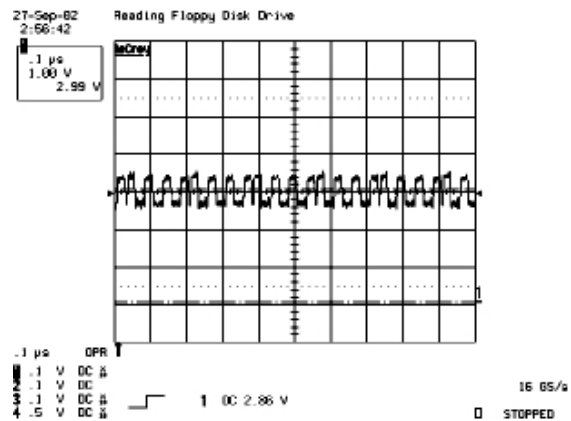


## WAVEFORMS

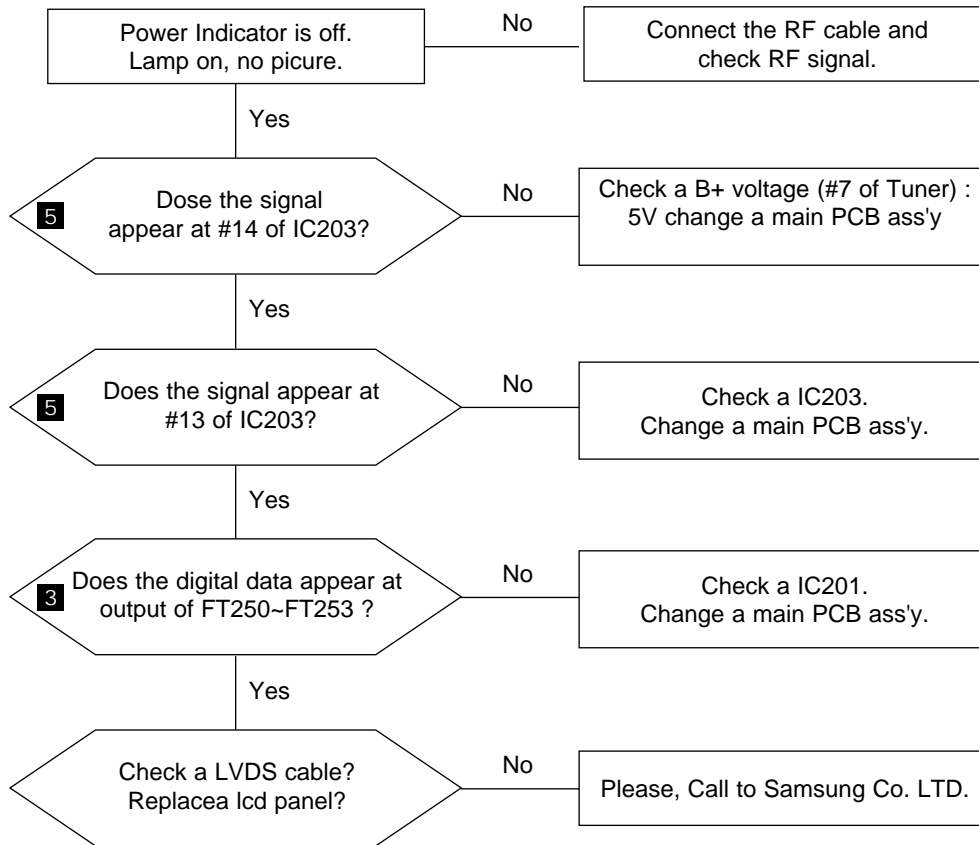
## 3 Digital Output Data of IC201



## 4 Signal of HDMI(Data)

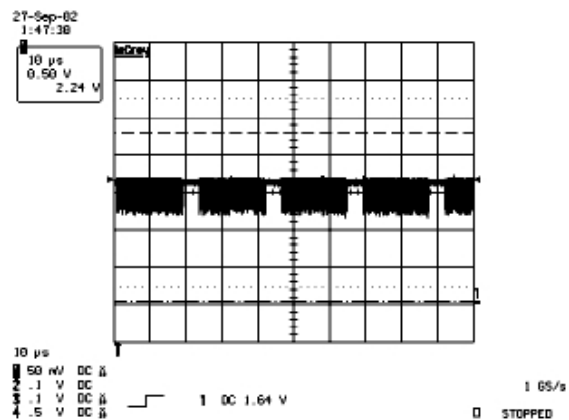


## 5-4 No Picture (Tuner\_CVBS)

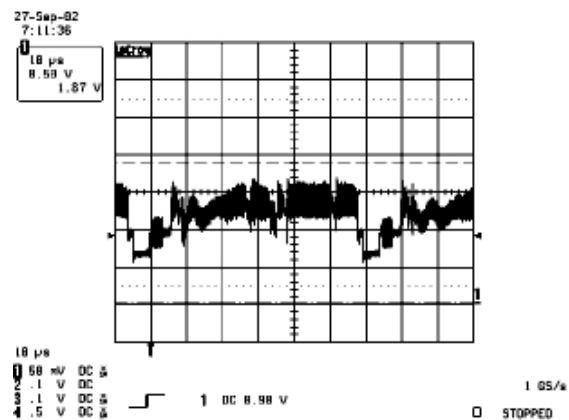


# WAVEFORMS

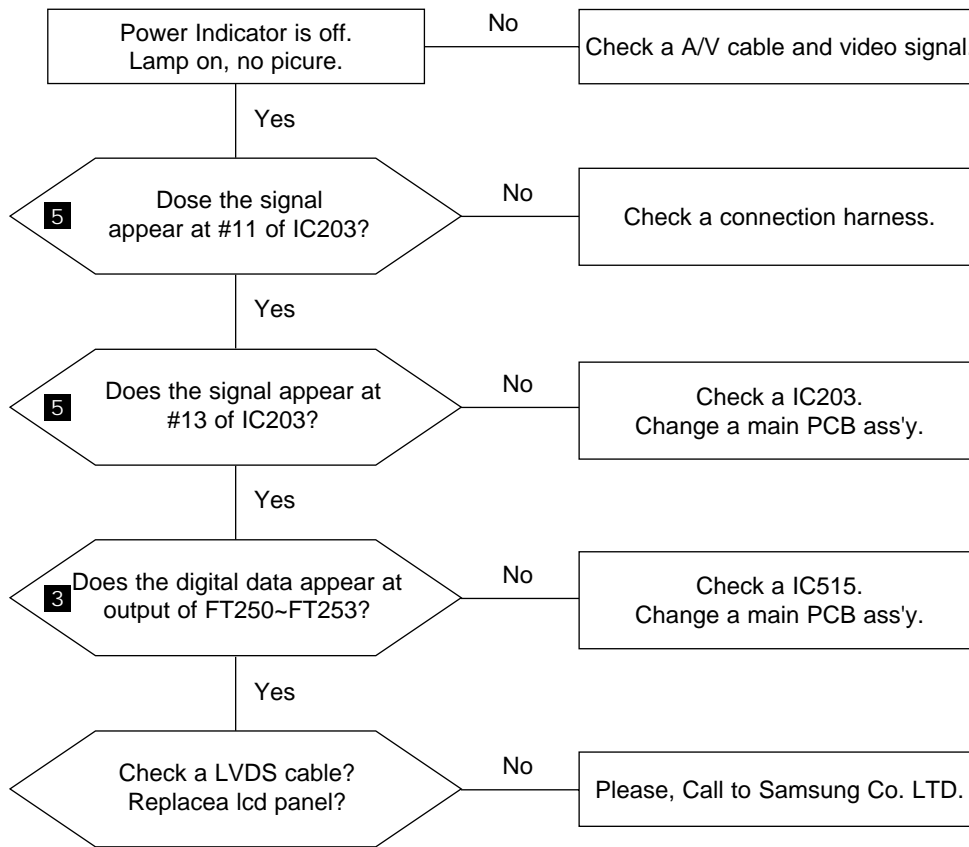
## 3 Digital Output Data of IC201



## 5 Tuner\_CVBS Output Signal

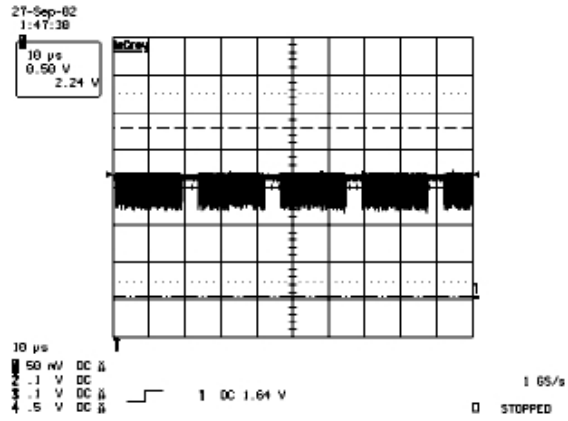


## 5-5 No Picture (Video\_CVBS)

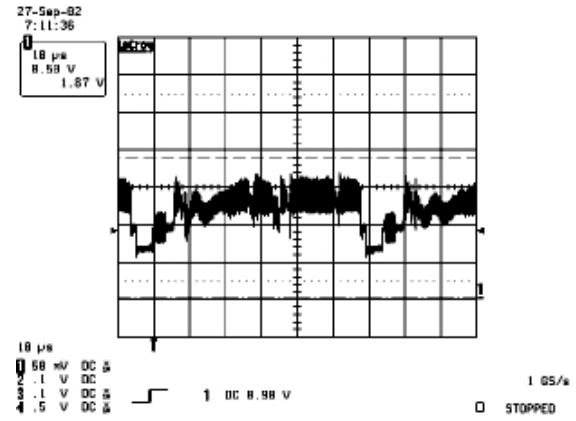


# WAVEFORMS

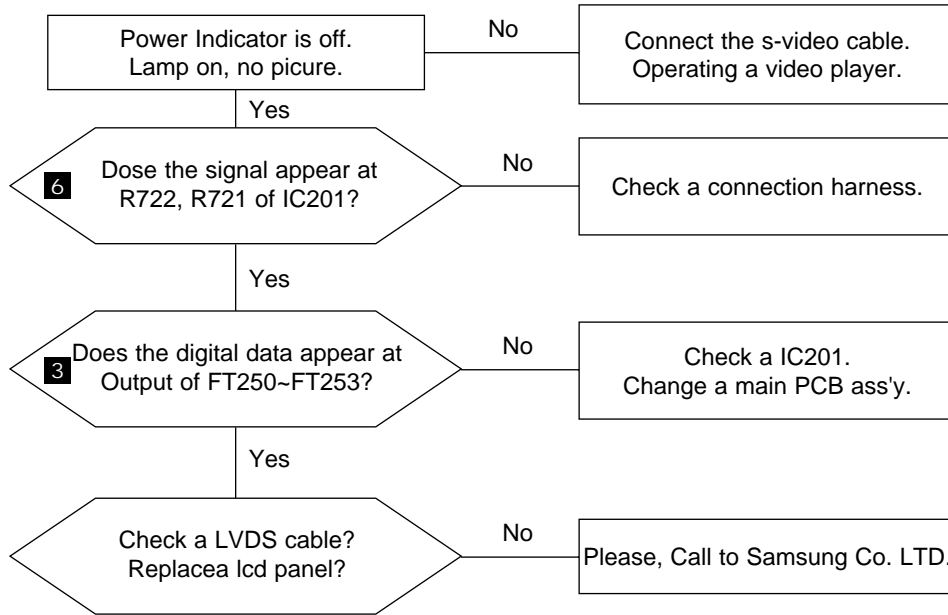
## 3 Digital Output Data of IC515



## 5 Tuner\_CVBS Output Signal

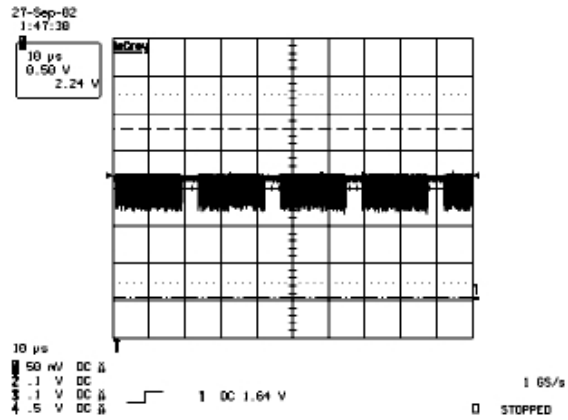


## 5-6 No Picture (S-VIDEO\_Y,C)

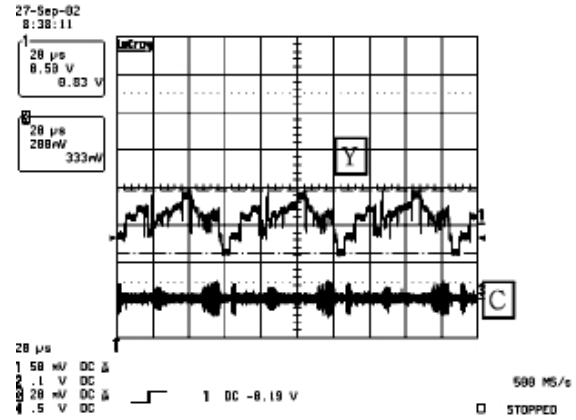


# WAVEFORMS

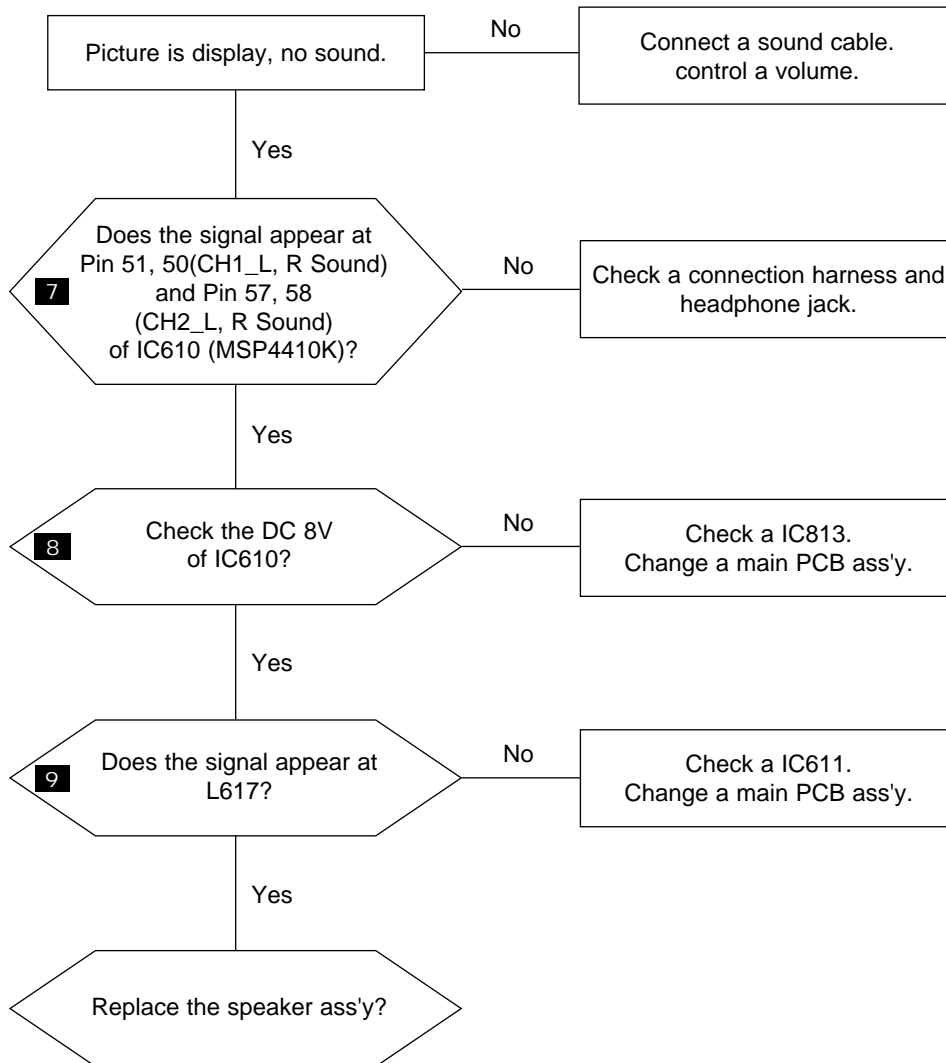
## 3 Digital Output Data of IC201



## 6 Analog Signal(Y,C) to IC201

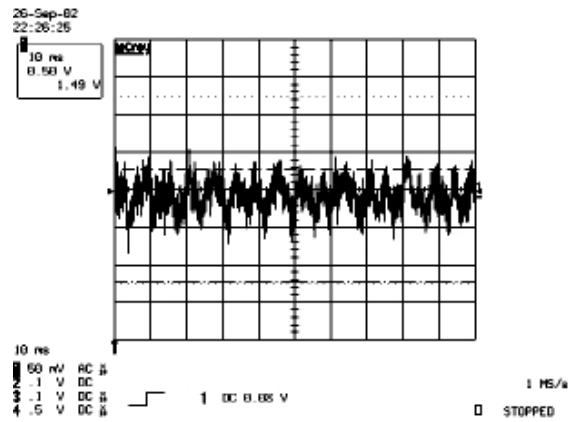


## 5-7 No Sound

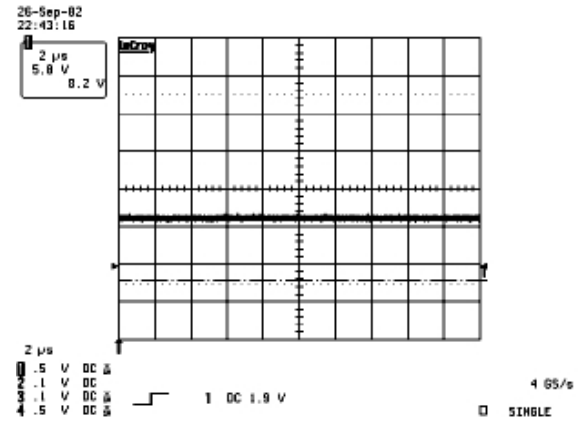


## WAVEFORMS

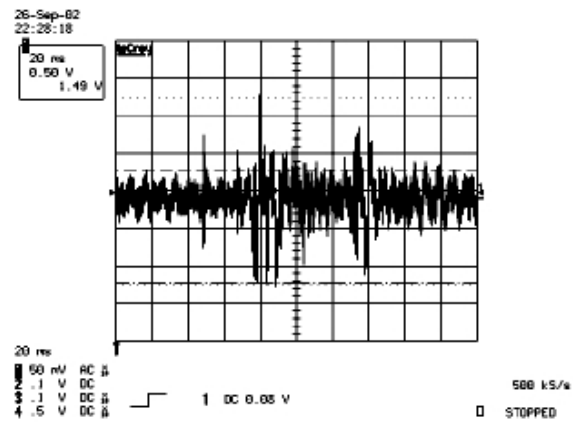
### 7 The Signal are Inputed to IC610



### 8 DC +8V



### 9 Output WaveForm



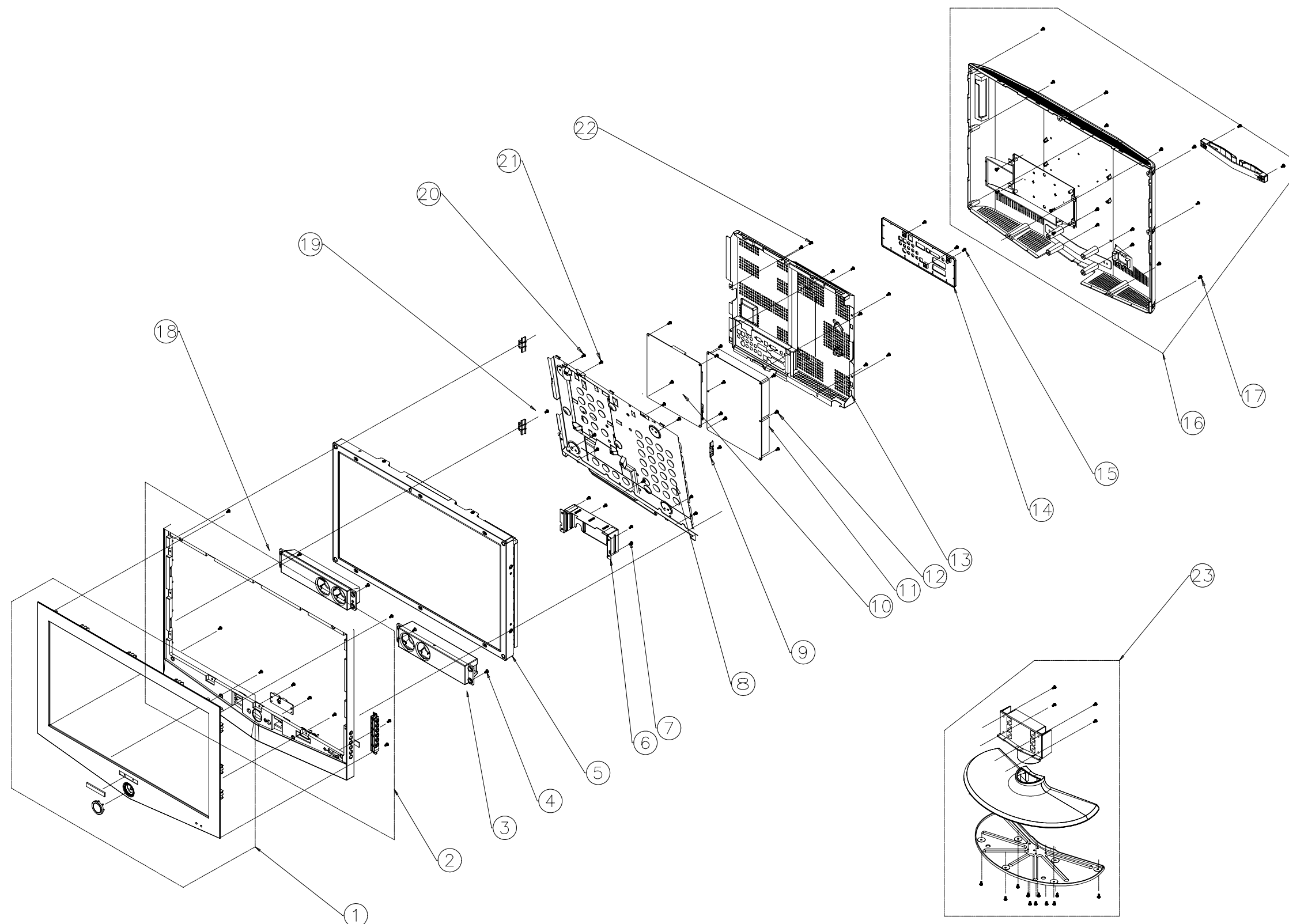
## Memo

## 6 Exploded View and Parts List

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

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

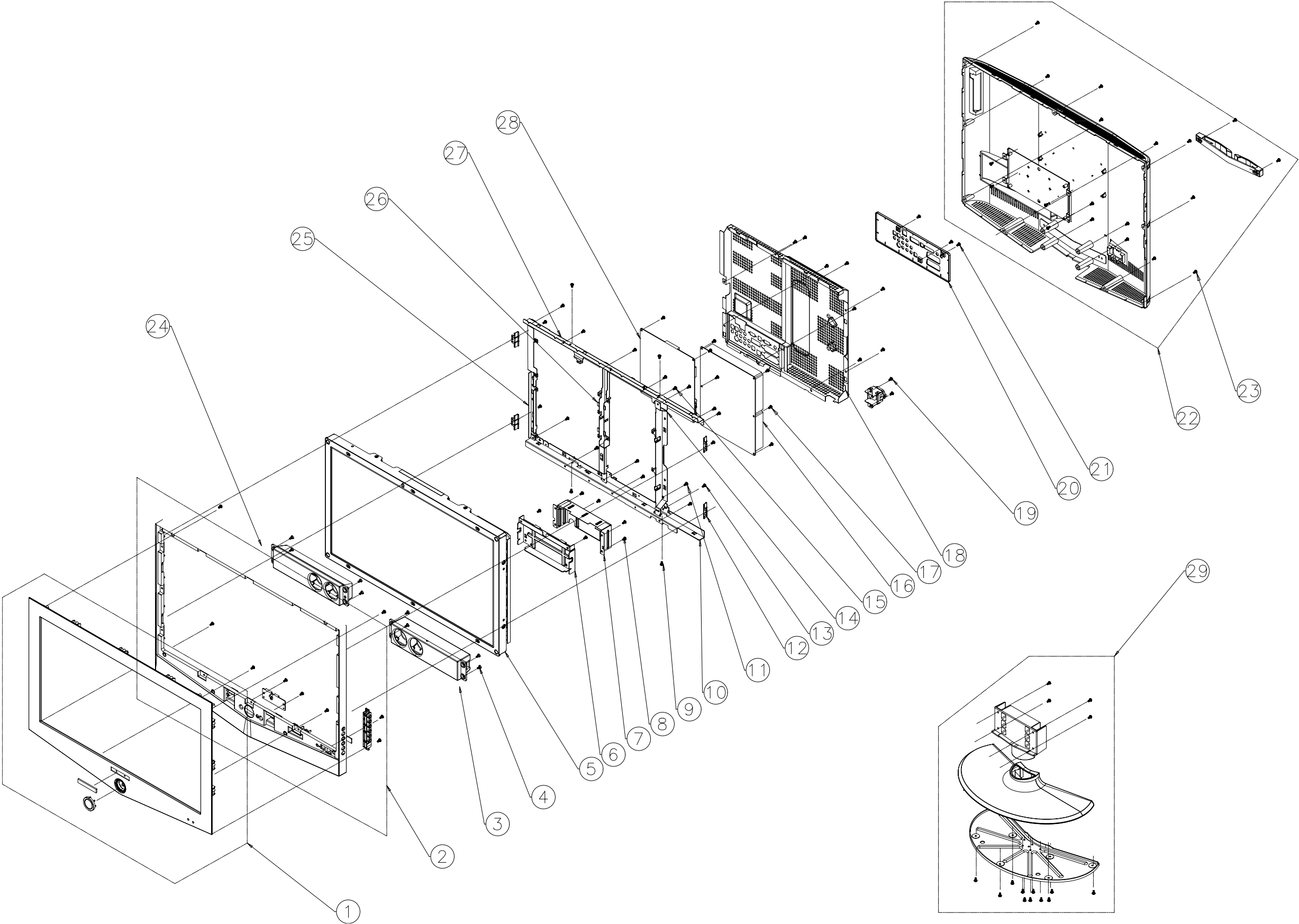
### 6-1 LN-R238W



6 Exploded View & Parts List

NO	ITEM	CODE NO.	SPECIFICATION	Q'TY	LOCATION	REMARK
1	ASSY COVER P-FRONT	BN96-01723A	ROME 23" , ABS HB ,RHCM	1		SA
2	ASSY COVER P-MIDDLE	BN96-01724A	ROME 26" .ABS V0 GR503	1		SNA
3	ASSY SPEAKER,R	BN96-01772A	3W/16ohm	1		SA
4	SCREW-TAPTITE	6006-001096	WP ,BH,M4L12,BLK,SWRCH18A	4	MIDDLE+SPK	SA
5	ASSY-LCD-SPZ	BN91-00833C	LTA230W-L02,8BIT	1		SNA
6	BRKT-GUIDE STAND	BN61-01523A	ROME 32" ,SECC T1.0	1		SNA
7	SCREW-TAPTITE	6003-001003	BH,M4,L12 ZPC(BLK)	4	MIDDLE+BRKT GUIDE STAND	SA
8	BRACKET-PCB	BN61-01569A	SECC T1.0	1		SNA
9	BRKT-PANEL SIDE	BN61-01564A	SECC T1.2	3		SNA
10	MAIN PCB	—	ROME 23"	1		SA
11	POWER PCB	—	ROME 23"	1		SA
12	SCREW-TAPTITE	6003-000115	BH,M3,L6 ZPC(BLK)	10	BRACKET-PCB+MAIN-PCB BRACKET-PCB+POWER-PCB	SA
13	ASSY SHIELD PCB	BN96-01726A	SECC T0.5	1		SNA
14	COVER-JACK	BN63-01728A	ABS,V0,GR503,READY(NTSC)	1		SNA
15	SCREW-TAPTITE	6003-000133	BH,M4,L8 ZPC(BLK)	3	COVER-JACK+PCB	SA
16	ASSY COVER P-REAR	BN96-01725A	HIPS V0 GR503	1		SA
17	SCREW-TAPTITE	6002-001294	BH,M4,L16 ZPC(BLK)	9	MIDDLE+R/COVER	SA
18	ASSY SPEAKER,L	BN96-01771A	3W/16ohm	1		SA
19	SCREW-TAPTITE	6003-001003	BH,M4,L12 ZPC(BLK)	3	PANEL+MIDDLE	SA
20	SCREW-TAPTITE	6003-000133	BH,M4,L8 ZPC(BLK)	4	PANEL+BRACKET-PCB	SA
21	SCREW-TAPTITE	6003-001003	BH,M4,L12 ZPC(BLK)	5	BRACKET-PCB+M/COVER	SA
22	SCREW-TAPTITE	6003-000115	BH,M3,L6 ZPC(BLK)	8		SA
23	ASSY STAND	BN90-00697A	ROME23"	1		SA

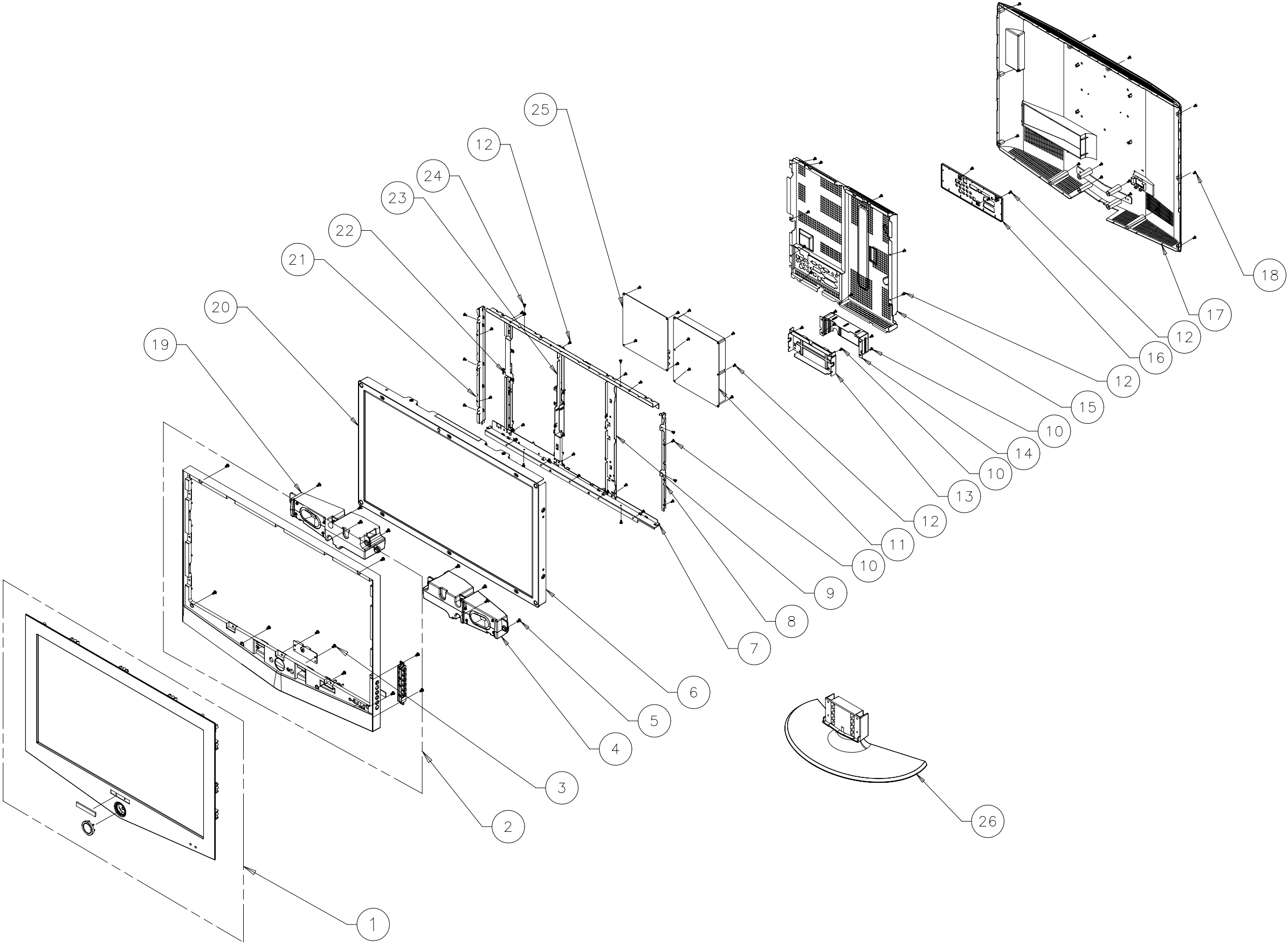
6-2 LN-R268W



6 Exploded View & Parts List

NO	I T E M	C O D E   N O .	S P E C I F I C A T I O N	Q ' T Y	L O C A T I O N	R E M A R K
1	ASSY COVER P-FRONT	BN96-01728A	ROME 26" , ABS HB ,RHCM	1		SA
2	ASSY COVER P-MIDDLE	BN96-01729A	ROME 26",ABS	1		SA
3	ASSY SPEAKER,R	BN96-01770A	5W/16ohm	1		SA
4	SCREW-TAPTITE	6003-001003	BH,M4,L12 ZPC(BLK)	8	MIDDLE+SPK	SNA
5	ASSY-LCD-SPZ	BN96-00833D	RE26U0*AM LCD	1		SNA
6	BRKT-STAND LINK	BN61-01525A	ROME 32",SECC T1.6	1		SNA
7	BRKT-GUIDE STAND	BN61-01523A	ROME 32",SECC T1.0	1		SNA
8	SCREW-TAPTITE	6003-001003	BH,M4,L12 ZPC(BLK)	6	MIDDLE+BRKT STAND LINK MIDDLE+BRKT GUIDE STAND	SA
9	SCREW-TAPTITE	6003-000133	BH,M4,L8 ZPC(BLK)	4	BRKT+PANEL	SA
10	BRKT-PANEL BOTTOM	BN61-01565A	ROME 26",SECC T1.6	1		SNA
11	SCREW-MACHINE	6006-000245	WSP,PH,+,M4,L8,ZPC(YEL)	1	GROUND+BRKT	SA
12	BRKT-PANEL SIDE	BN61-01525A	ROME 32",SECC T1.6	4		SNA
13	SCREW-TAPTITE	6001-000115	BH,M3,L6 ZPC(BLK)	6	BRKT+BRKT	SA
14	BRKT-GUIDE POWER-LEFT	BN61-01567A	ROME 26",SECC T1.2	1		SNA
15	SCREW-TAPTITE	6003-001003	BH,M4,L12 ZPC(BLK)	5	MIDDLE+BRKT	SA
16	POWER PCB	—	ROME 26"	1		SA
17	SCREW-TAPTITE	6001-000115	BH,M3,L6 ZPC(BLK)	10	PCB+BRKT	SA
18	ASSY SHIELD P-PCB	BN96-01730A	ROME 26",SECC T0.5	1		SNA
19	SCREW-TAPTITE	6001-000115	BH,M3,L6 ZPC(BLK)	10	SHIELD+BRKT POWER SOCKET+BRKT	SA
20	COVER-JACK	BN63-01653A	ROME 40",ABS,V0	1		SNA
21	SCREW-TAPTITE	6001-000115	BH,M3,L6 ZPC(BLK)	3	PCB+COVER JACK	SA
22	ASSY COVER P-REAR	BN96-01736A	ROME 26",ABS	1		SA
23	SCREW-TAPTITE	6002-001294	BH,M4,L16 ZPC(BLK)	13	C/F+MIDDLE+C/R	SA
24	ASSY SPEAKER,L	BN96-01769A	5W/16ohm	1		SA
25	BRKT-GUIDE MAIN	BN61-01568A	ROME 26",SECC T1.2	1		SNA
26	BRKT-GUIDE POWER-RIGHT	BN61-01566A	ROME 26",SECC T1.2	1		SNA
27	BRKT-PANEL TOP	BN61-01563A	ROME 26",SECC T1.2	1		SNA
28	MAIN PCB	—	ROME 26"	1		SA
29	ASSY STAND	BN90-00694A	ROME26"	1		SA

6-3 LN-R328W



6 Exploded View & Parts List

NO	I T E M	C O D E   N O .	S P E C I F I C A T I O N	Q ' T Y	L O C A T I O N	R E M A R K
1	ASSY COVER P-FRONT	BN96-01735A	ROME 32" , ABS HB ,RHCM	1		<b>SA</b>
2	ASSY LCD-SPZ	BN91-00407K	DU32E0	1		<b>SNA</b>
3	ASSY SPEAKER,L			1		<b>SA</b>
4	ASSY SPEAKER,R			1		<b>SA</b>
5	SCREW-TAPTITE	6006-001096	BH,M4,L12 BLK	8	MIDDLE+SPEAKER	<b>SA</b>
6	BRKT-PANEL BOTTOM	BN61-01529A	ROME 32",SECC T1.6	1	BRKT+PANEL	<b>SNA</b>
7	BRKT-PANEL-SIDE LEFT	BN61-01528A	ROME 32",SECC T1.2	1	BRKT+PANEL	<b>SNA</b>
8	BRKT-GUIDE POWER-LEFT	BN61-01531A	ROME 32",SECC T1.2	1		<b>SNA</b>
9	BRKT-PANEL-SIDE RIGHT	BN61-01527A	ROME 32",SECC T1.2	1	BRKT+PANEL	<b>SNA</b>
10	BRKT-GUIDE-MAIN	BN61-01532A	ROME 32",SECC T1.2	1		<b>SNA</b>
11	BRKT-GUIDE-POWER RIGHT	BN61-01530A	ROME 32",SECC T1.2	1		<b>SNA</b>
12	BRKT-PANEL TOP	BN61-01526A	ROME 32",SECC T1.2	1	BRKT+PANEL	<b>SNA</b>
13						
14	SCREW-TAPTITE	6001-000115	BH,M3,L6 ZPC(BLK)		PCB+BRKT, BRKT+BRKT SHIELD+BRKT	<b>SA</b>
15	SCREW-TAPTITE	6003-001003	BH,M4,L12 ZPC(BLK)	17		<b>SA</b>
16	POWER PCB	—	ROME	1		<b>SA</b>
17	MAIN PCB	—	ROME	1		<b>SA</b>
18	BRKT-STAND LINK	BN61-0525A	ROME 32",SECC T1.6	1		<b>SNA</b>
19	BRKT-GUIDE STAND	BN61-01523A	ROME 32",SECC T1.0	1		<b>SNA</b>
20	ASSY SHIELD P-PCB	BN96-01734A	ROME 32",SECC T0.5(NT/PAL)	1		<b>SNA</b>
21	COVER-JACK	BN63-01653A	ROME 40",ABS,V0	1		<b>SA</b>
22	ASSY COVER P-REAR	BN96-01732A	ROME 32",HIPS V0	1		<b>SA</b>
23	BRKT-GUIDE-POWER RIGHT	BN61-01530A	ROME 32",SECC T1.2	1		<b>SNA</b>
24	SCREW-TAPTITE	6003-000133	BH,M4,L8 ZPC(BLK)	9	BRKT+PANEL	<b>SA</b>
25	MAIN PCB	—	ROME	1		<b>SA</b>
26	ASSY STAND	BN90-00688A	ROME32"	1		<b>SA</b>

7 Electrical Parts List

※ You can search for updated part codes through ITSELF web site.  
URL : <http://itself.sec.samsung.co.kr/>

7-1 LN-R238W Main PCB Parts

Level	Code No.	Loc. No.	Description	Specification	Remarks
0	LNR238WX/XAA				
1	SPZ-LNR238WX/XAA	-	1	LTA230W1-L02	-
3	BN94-00629B	-	ASSY PCB MAIN	NEW	SNA
4	0204-002420	CIS3	SOLVENT	1M-1000,C3H7OH,96,-,-	SNA
4	0204-002426	CIS4	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG,-	SNA
4	3701-001294	JA751	CONNECTOR-DSUB	15P,3R,FEMALE,STRAIGHT,AUF	SA
4	3705-001329	JA901	CONNECTOR-COAXIAL	NT(F),ADAPTOR,-,75ohm,-	SA
4	3711-000024	CN914	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-000057	CN802	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,ANGLE,SN	SA
4	3711-002642	TEST1	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-003942	CN622	CONNECTOR-HEADER	BOX,2P,1R,2mm,STRAIGHT,SN	SA
4	3711-004068	CN815	CONNECTOR-HEADER	BOX,5P,1R,2MM,ANGLE,SN,WHT	SA
4	3711-004122	CN801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
4	3711-004182	TEST3	CONNECTOR-HEADER	BOX,10P,1R,2MM,STRAIGHT,SN,NTR	SA
4	3711-004349	CN621	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN	SA
4	3711-004484	TEST4	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
4	3722-001061	JA752	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA781	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA782	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA785	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001734	JA771	JACK-VHS	4P,-,SN,BLK,-	SA
4	3722-001903	JA712	JACK-PIN	2P,-,AU,WHT/RED,-	SA
4	3722-001903	JA784	JACK-PIN	2P,-,AU,WHT/RED,-	SA
4	3722-002063	JA713_NT	JACK-PIN	3P,AU,YEL/WHT/RED,STRAIGHT	SA
4	3722-002063	JA761	JACK-PIN	3P,AU,YEL/WHT/RED,STRAIGHT	SA
4	3722-002143	JA731_NT	JACK-PIN	5P,NI,GRN/BLU/RED/WHT/RED,STRAIGHT	SA
4	3722-002143	JA732_NT	JACK-PIN	5P,NI,GRN/BLU/RED/WHT/RED,STRAIGHT	SA
4	BN61-01521A	X701	SUPPORT-PCB	ROME,SPTe,T0.5,L11.0	SA
4	BN61-01521A	X702	SUPPORT-PCB	ROME,SPTe,T0.5,L11.0	SA
4	BN61-01521A	X703	SUPPORT-PCB	ROME,SPTe,T0.5,L11.0	SA
4	BN97-00361H	-	ASSY SMD	NEW	SNA
5	0401-001056	D101	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7102	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7103	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7104	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7105	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7113	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7114	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D719	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D722	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D741	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D742	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D791_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D792_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D793_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D794_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D795_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D796_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D950	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D951	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D952	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D953	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D954	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D955	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D956	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D957	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0402-000553	D812	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0403-000258	D617	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D620	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D621	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D901	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000620	D3701	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D769	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D770	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D771	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D961	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D962	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D970	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	0403-000620	D971	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D972	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D973	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D974	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D975	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000746	D210	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D211	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D212	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D213	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D214	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D215	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D216	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D217	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-001016	D725	DIODE-ZENER	RLZ6.2B,5.96-6.27V,500MW,LL-34,TP	SA
5	0403-001052	D702	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D704	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D706	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D708	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7108	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7109	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7110	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7111	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7112	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D717	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D718	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D720	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D721	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D723	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D724	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7301	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D736_NT	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D743	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D744	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D745	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D746	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D748	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D749_NT	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D750	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D751	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D752	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7551	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7552	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7553	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D756	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D758	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D759	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D761	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D763	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D764	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D765	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D766	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D767	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D772	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D773	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D774	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D775	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D776	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D777	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D778	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D779	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D780	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D781	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D782	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D958	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D959	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D960	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001425	D102	DIODE-ZENER	BZX84C33,31-35V,350MW,SOT-23,TP	SA
5	0406-001172	D7302	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7303	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7304	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7305	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0407-000123	D622	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D911	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D912	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D963	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D964	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D976	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	0501-000342	Q100	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q211	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q221	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q608	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q611	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q612	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q615	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q630	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q631	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q632	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q633	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q634	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q635	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q918	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q930	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q931	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q952	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q970	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-002080	Q215	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q216	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q610	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q620	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q801	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q802	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q803	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q910	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q911	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0801-002267	IC904	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,-,3.6V,-40TO+85C,-,5.5V,-,-,24MA	SA
5	0903-001362	IC901	IC-MICROCOMPUTER	M30620SPGP,16BIT,LQFP,100P,14.0X14.0,24MHZ,TP,-,-,5V,300,-20TO+85C,10KB,-,19BIT,	SNA
5	1001-000164	IC605	IC-ANALOG MULTIPLEX	74HC4052,CMOS,SOP,16P,150MIL,S	SA
5	1001-001109	IC913	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-40TO+85C,PLASTIC,-,4.0OHM,5.	SA
5	1001-001211	IC203	IC-ANALOG MULTIPLEX	MM74HC4052MTC,DUALMUX/4-CHANNEL,TSSOP,16P,173MIL,DUAL 4-CHANNEL,6V,-40TO+85C,PLA	SA
5	1002-001398	IC312	IC-A/D CONVERTER	MST9883CR-110,24Bit(8x3),LQFP,80P,14x14mm,-+0.5LSB,TR,-,PLASTIC,3.3V,-20to+80C,	SA
5	1006-001076	IC931	IC-DRIVER/RECEIVER	MAX232ECWE+T,SOP,16P,300MIL,DUAL,ST,PLASTIC,6V,-,0to+70C,762mW,2,-,2,0.4/3.5V,-	SA
5	1103-000129	IC710	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1103-000129	IC712	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1103-001279	IC910	IC-EEPROM	24C32,4Kx8,SOP,8P,5x4mm,2.5/5.5V,-40to+85C	SA
5	1105-001533	IC202	IC-DRAM	EM6A9320BI-4,4Mx32Bit,FBGA,144P,12x12mm,4nS,2.5V,5%,-,0to+70C,100mA,-,TR	SA
5	1106-001476	IC907	IC-SRAM	K6X1008C2D,128Kx8Bit,TSSOP,32P,18.4x8.4mm,55nS,5V,4.5-5.5V,-,40to+85C,15uA,-,TP	SA
5	1201-000166	IC204	IC-OP AMP	LM358,SOP,ST,8P,150MIL,DUAL,100V/MV,PLASTIC,32V,500MW,0TO+70C,70DB,0.6V/US,5NA,-	SA
5	1201-001495	IC615	IC-AUDIO AMP	7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,-	SA
5	1201-001815	IC611	IC-AUDIO AMP	TPA3004D2,HTQFP,48P,7x7mm,-,-,PLASTIC,18V,4.3W,-40to+85C,-,-,-,120mA,-,TR	SA
5	1203-001109	IC616	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	SA
5	1203-001559	IC905	IC-RESET	DS1834A,SOIC,8P,150MIL,PLASTIC,-,-,-,40to+85C,-,-,-,TP	SA
5	1203-001815	IC803	IC-POS.FIXED REG.	78M09,TO-252,3P,-,PLASTIC,8.6/9.4V,1.0W,-40TO+85C,0.5A,-,TP	SA
5	1203-001816	IC802	IC-POS.FIXED REG.	78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP	SA
5	1203-001824	IC920	IC-VOL. DETECTOR	7042,SOT-89,3P,-,PLASTIC,4.05V/4.35V,500MW,-30TO+75C,20MA,-,TP	SA
5	1203-002708	IC3011	IC-POS.FIXED REG.	1085,TO-263,3P,340MIL,PLASTIC,3.27/3.33V,-,40TO+125C,3A,-,TP	SA
5	1203-002842	IC811	IC-POS.FIXED REG.	AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP	SA
5	1203-002842	IC812	IC-POS.FIXED REG.	AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP	SA
5	1203-002844	IC814	IC-POS.FIXED REG.	AP1117D-18A,TO-252-3L,3P,6.7X5.6MM,PLASTIC,1.764/1.836V,-,0TO+150C,1A,-,TP	SA
5	1203-002855	IC801	IC-POS.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002855	IC804	IC-POS.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002855	IC813	IC-POS.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002974	IC808	IC-POS.FIXED REG.	AP1117D-25A,TO-252,3P,6.7x5.6mm,PLASTIC,2.45/2.55V,-,0to+150C,1A,-,TP	SA
5	1203-003059	IC807	IC-SWITCH VOL. REG.	MP1583,SOIC,8P,4.9x3.9mm,PLASTIC,1.22/21V,-,40to+85CC,3A,1.194/1.25V,TP	SA
5	1204-002179	IC610	IC-SOUND PROCESSOR	MSP4440G_QA_C12_500,PQFP,80P,20x14mm,PLASTIC,8.7V,1W,0to+70C,TR,IC-SOUND PROCESS	SA
5	1204-002352	IC201	IC-VIDEO PROCESS	SVP-EX52-7052,PQFP,256P,28x28mm,PLASTIC,3.45V,-,0to+70C,TR,3D Comb VideoDecoder	SA
5	1205-002383	IC311	IC-RECEIVER	SI1993CT100,TQFP,100P,14x14mm,PLASTIC,3.6V,-,0to+70C,TR,IC-RECEIVER	SA
5	2007-000043	R229	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R230	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2357	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R919	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9401	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9405	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9406_NT	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R963	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R964	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R965	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R966	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9661	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9662	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000060	R121	R-CHIP	100Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R2008_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R207	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R214	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R215_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000070	R216	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R221	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R222	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R223	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R236	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R237	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R239	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R240	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R241	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R245	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R247	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R248	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R280	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R281	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R282	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R283	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R331	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R332	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R333	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R375	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R376	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R377	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R378	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R640	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R645	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R646	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R650	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R651	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R652	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R655	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R681	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R686	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R688	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7135_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7139_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7141_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7606_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7607_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7608	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7622_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7623_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R772	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9124	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9125	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9126_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9129	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R918	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9203_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9204_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9205_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9206_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9207	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9208_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9209	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9215	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9217	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9218	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9			

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000071	R209	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R210	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R212	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R337	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R754	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R758	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R770	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R771	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000071	R9673	R-CHIP	22ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R100	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R101	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R340	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R345	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R347	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R349	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R350	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R351	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R616	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R617	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R761	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R7610	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R7611	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R762	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R782	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R783	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R982	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R983	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R984	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R985	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000072	R986	R-CHIP	47ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R102	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R234	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R2344	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R2345	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R235	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R260	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R261	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R270	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R271	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R272	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R273	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R334	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R613	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R614	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R618	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R628	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R629	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R630	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R631	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R7110_NT	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R7120	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R727_NT	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R738	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R745	R-CHIP	100ohm,5%, 1/10W,TP,1608	SA
5	2007-000074	R757	R-CHIP	100ohm,5%, 1/10W,TP,160	

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000074	R967	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R968	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R969	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R974	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R975	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R976	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R990	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R991	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R992	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R993	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R190	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R1246	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R2358	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R355	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R356	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R357	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7130_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7131_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R729_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R730_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7488	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7490	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7582	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7588	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7620_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7621_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R765	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R766	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R793	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R794	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R9663	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000078	R131_OP	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R211	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R258	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R259	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R323	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R615	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R626	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R627	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R6402	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R6404	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R692	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R696	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R767	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R924	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R9666	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R9667	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000079	R204	R-CHIP	1.8Kohm,5%,1/10W,TP,1608	SA
5	2007-000079	R205	R-CHIP	1.8Kohm,5%,1/10W,TP,1608	SA
5	2007-000080	R693	R-CHIP	2Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R224	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R242	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R244	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R338	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R922	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R925	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R926	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R927	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R928	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R938	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R939	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R945	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R946	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R9671	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R9672	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R225	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R2356	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R238	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R256	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R257	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R321	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R336	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R339	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R342	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R343	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R619	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R632	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000084	R657	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R810	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9118	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9132	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R917	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9187	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9213	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9222	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9224	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9231	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9232	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9234	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9235	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9238	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R929	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9332	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9335	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9336	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9402	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R942	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R943	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R944	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9670	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R988	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R989	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R233	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R620	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R623	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R639	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R641	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R642	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R649	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R690	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R691	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R759	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R760	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R7609	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R7612	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R763	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R802	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R803	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R804	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R805	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R812	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R8877	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R901	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R913	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9131	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9133	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9135	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9211	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R957	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000091	R679	R-CHIP	12Kohm,5%,1/10W,TP,1608	SA
5	2007-000091	R860	R-CHIP	12Kohm,5%,1/10W,TP,1608	SA
5	2007-000093	R621	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000093	R622	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000094	R191	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000094	R9337	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R633	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R634	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R635	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R638	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R9114	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R175	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R636	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R637	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R801	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R806	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R861	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R9675	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000103	R653	R-CHIP	120Kohm,5%,1/10W,TP,1608	SA
5	2007-000106	R105	R-CHIP	220Kohm,5%,1/10W,TP,1608	SA
5	2007-000106	R120	R-CHIP	220Kohm,5%,1/10W,TP,1608	SA
5	2007-000115	R104	R-CHIP	82ohm,5%,1/10W,TP,1608	SA
5	2007-000123	R811	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9111	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9112	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000123	R9113	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9115	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9116	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9117	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000125	R335	R-CHIP	3.9Kohm,5%,1/10W,TP,1608	SA
5	2007-000129	R647	R-CHIP	27Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R262	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R263	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R264	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R265	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R266	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R267	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R268	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R269	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R601	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R602	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R603	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R604	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R605	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R606	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R607	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R608	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R609	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R610	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R611	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R612	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R643_OP	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R644_OP	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R670	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R671	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R672	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R673	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000293	R7132	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R7133	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R7134	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R721	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R722	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R726_NT	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R728_NT	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R731_NT	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000309	R3111	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7309	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7310	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7311	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7312	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7313	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7314	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7315	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7316	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9100	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9101	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9102	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9103	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9105	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9106	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9128	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9331	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9501_OP	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9502_OP	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R951	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R952	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R956	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R970	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R971	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R972	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R973	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R977	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R978	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R979	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R981	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R998	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R999	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	RA920	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000458	R694	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	R746	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	R920	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000779	R328	R-CHIP	33ohm,1%,1/10W,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000779	R330	R-CHIP	33ohm,1%,1/10W,TP,1608	SA
5	2007-000821	R327	R-CHIP	390ohm,1%,1/10W,TP,1608	SA
5	2007-000882	R624	R-CHIP	4.7ohm,5%,1/10W,TP,1608	SA
5	2007-000882	R625	R-CHIP	4.7ohm,5%,1/10W,TP,1608	SA
5	2007-001014	R231	R-CHIP	510HM,5%,1/10W,DA,TP,1608	SA
5	2007-001014	R232	R-CHIP	510HM,5%,1/10W,DA,TP,1608	SA
5	2007-001068	R858	R-CHIP	6.8Kohm,1%,1/10W,TP,1608	SA
5	2007-001139	R921	R-CHIP	7.5Kohm,1%,1/10W,TP,1608	SA
5	2007-001164	C7790	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R103	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R720	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R744	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7581	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7583	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7584	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7591	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7592	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7788	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7789	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001167	R352	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R353	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R354	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R751	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R752	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R753	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R755	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R756	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2011-000002	IC2019	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2015	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2016	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2017	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2018	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2020	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2021	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2022	R-NET	220HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000515	RA933	R-NET	4.7Kohm,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000515	RA934	R-NET	4.7Kohm,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA323	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA324	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA325	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA326	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA327	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA328	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA329	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA330	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000651	RA316	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA317	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA318	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA319	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA320	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA321	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA322	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA913	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA914	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA915	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA916	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA917	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA919	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA910	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA911	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA912	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA922	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA923	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA924	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA925	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA926	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA927	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA928	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA929	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA930	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA931	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA932	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2203-000041	C990	C-CER,CHIP	0.01NF,0.25PF,50V,COG,TP,1608	SA
5	2203-000140	C622	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000140	C646	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000189	C120	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2061	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA

## 7 Electrical Parts List

[illegible]

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-000189	C820	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C868	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C877	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C907	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C939	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C9553	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C9555	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C9846	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000236	C25020	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C25021	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C25022	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C25023	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C283	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C323	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C344	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C387	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C5132	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C702	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C704	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C731	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C733	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C734	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C735	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000257	C102	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C106	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C213	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C214	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C215	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C216	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C217	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C223	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C226	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C2301	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C388	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C803	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C806	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C809	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C812	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C819	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C838	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C854	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C869	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C932	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C934	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C936	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C937	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C940	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000405	C850	C-CER,CHIP	0.18nF,5%,50V,C0G,TP,1608	SA
5	2203-000440	C25016	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C25017	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C25018	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C25019	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C341	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C350	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C351	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C354	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C355	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C381	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C386	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C635	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C636	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C901	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C903	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C906	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C9548	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C9549	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000491	C109	C-CER,CHIP	2.2nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000552	C238	C-CER,CHIP	0.02nF,5%,50V,C0G,TP,1608	SA
5	2203-000552	C239	C-CER,CHIP	0.02nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C919	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C920	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C929	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C930	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000715	C8822	C-CER,CHIP	3.3nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000783	C712	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C713	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C739	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-000783	C742	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7420	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7422	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C743	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C744	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C749	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C750	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7579	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C760	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000783	D747	C-CER,CHIP	0.33NF,5%,50V,C0G,TP,1608	SA
5	2203-000815	C921	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608	SA
5	2203-000815	C922	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608	SA
5	2203-000838	C333	C-CER,CHIP	0.39NF,5%,50V,C0G,TP,1608	SA
5	2203-000843	C332	C-CER,CHIP	39nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000872	C627	C-CER,CHIP	0.003NF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000872	C628	C-CER,CHIP	0.003NF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000888	C110	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C218	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C219	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C324	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C335	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C633	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C634	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000972	C107	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000972	C620	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000975	C370	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C667	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C668	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C681	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C685	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000998	C118	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-000998	C119	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-000998	C935	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C624	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C625	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C626	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001391	C664	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C665	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C682	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C684	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001607	C108	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2203-001607	C675	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2203-001630	C657	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001630	C658	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001656	C623	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-001656	C644	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-005005	C100	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C105	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C113	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C2107	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C211	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C212	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C221	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C222	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C228	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C230	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C231	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C232	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C25025	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C321	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C322	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C325	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C327	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C328	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C329	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C330	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C334	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C336	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C337	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C338	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C339	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C340	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C342	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C343	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C346	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C347	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C348	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-005005	C361	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C609	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C632	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C647	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C679	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C816	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C823	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C825	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C837	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C840	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C842	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C848	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C860	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C862	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C864	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C866	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C871	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C873	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C874	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C881	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C883	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C918	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C941	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C942	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C960	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C964	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C967	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C991	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C992	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C993	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C994	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C995	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005030	C666	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005030	C683	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005065	C2049	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C235	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C237	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C638	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C639	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C674	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C678	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C680	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C689	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C690	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C691	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C692	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C693	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C826	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C827	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C876	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C928	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005437	C371	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216	SA
5	2402-000108	C738	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-001081	C670	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C677	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C688	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C801	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C817	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C836	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001100	C224	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2402-001100	C225	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2402-001128	C101	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C210	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C220	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C345	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C391	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C648	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C660	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C804	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C807	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C865	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C867	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001129	C619	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2402-001129	C655	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2402-001129	C938	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2402-001145	C25027	C-AL,CHIP	47UF,20%,50V,GP,TP,6.3X7.7MM	SA
5	2402-001178	C2060	C-AL,SMD	10UF,20%,16V,WT,TP,4.3X4.3X5.8MM	SA

## 7 Electrical Parts List

[illegible]

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2402-001183	C863	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C870	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C872	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C875	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C880	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C882	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C931	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C996	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001226	C6104	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C613	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C614	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C615	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C616	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C617	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C618	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001238	C104	C-AL,SMD	1UF,20%,50V,HR,TP,4.3X4.3X5.2MM	SA
5	2402-001257	C111	C-AL,SMD	470uF,20%,16V,-,TP,8.3*10	SA
5	2402-001257	C7767	C-AL,SMD	470uF,20%,16V,-,TP,8.3*10	SA
5	2409-001029	C847	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	SA
5	2503-001018	CA392	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA393	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA394	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA395	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA396	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA397	C-NETWORK	15PFX4,10%,50V,-	SA
5	2703-000274	BD919	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2201	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2612	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2613	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000398	BD313	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	BD315	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	BD615	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L102	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L610	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L611	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L612	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L620	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L621	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L712	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L713	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L719	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L721	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L722	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L723	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L724	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L725	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L727	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L728	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L732	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L733	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L735	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L737	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L740	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L741	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L7565	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L910	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L914	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L915	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L916	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000417	L112	INDUCTOR-SMD	220uH,5%,3225	SA
5	2703-001426	L103	INDUCTOR-SMD	680uH,20%,7070	SA
5	2703-001778	BD316	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L709	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L711	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-002327	L100	INDUCTOR-SMD	3.9uH,5%,3225	SA
5	2801-000258	X901	CRYSTAL-UNIT	0.032768MHZ,20PPM,SMD,12.5PF,50OHM,TP	SA
5	2801-003326	X903	CRYSTAL-SMD	24MHz,30ppm,28-ABX,16pF,50ohm,	SA
5	2801-003667	X201	CRYSTAL-SMD	14.31818MHz,30ppm,28-AAN,16.50ohm,TP	SA
5	2801-004117	X902	CRYSTAL-SMD	6MHz,30PPM,28-ABX,20PF,150OHM,TP	SA
5	2801-004300	X610	CRYSTAL-SMD	18.432MHz,30ppm,28-ABX,13pF,30ohm,TP	SA
5	2901-001264	FT2701	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001302	FT715	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	2901-001302	FT716	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	2901-001302	FT717	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	2901-001302	FT718	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	3301-001145	BD200	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD2305	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	3301-001145	BD311	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD603	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD604	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD800	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD801	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD802	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD803	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD804	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD805	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	FT2702	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	FT810	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001236	BD1815	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD2014	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD210	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD211	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD212	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD213	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD214	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD215	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD216	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD221	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD222	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD310	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD312	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD314	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD710	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD711	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD712	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD820	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD821	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD920	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD921	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD922	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD923	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001236	BD924	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA
5	3301-001595	L617	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,,0.012ohm	SNA
5	3301-001595	L618	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,,0.012ohm	SNA
5	3301-001605	FT250	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT251	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT252	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT253	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT524	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3701-001311	JA711	CONNECTOR-HDMI	21P,2R,FEMALE,SMD-S,AU30U	SA
5	3711-005470	CN701	CONNECTOR-HEADER	BOX,30P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA
5	3711-005497	CN812	CONNECTOR-HEADER	BOX,15P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	3711-005543	CN813	CONNECTOR-HEADER	BOX,6P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	BN27-00008A	L811	COIL CHOKE-SMD	SMD12*12*8.5,GH15/17PS,22.0uH,±20%,0.045OHM MAX.,3.0A,DR10X7/SMD12X6.7,16.5TS	SA
5	BN27-00017A	L701_OP	COIL CHOKE-SMD	PO5845-330,LT17N2,33uH,10%,0.3ohm,1A,DR5845,35.5Ts,6*5.2*4.5,1.5mm,TP	SA
5	BN27-00017A	L702_OP	COIL CHOKE-SMD	PO5845-330,LT17N2,33uH,10%,0.3ohm,1A,DR5845,35.5Ts,6*5.2*4.5,1.5mm,TP	SA
5	BN27-00017A	L703_OP	COIL CHOKE-SMD	PO5845-330,LT17N2,33uH,10%,0.3ohm,1A,DR5845,35.5Ts,6*5.2*4.5,1.5mm,TP	SA
5	BN27-00017A	L704_OP	COIL CHOKE-SMD	PO5845-330,LT17N2,33uH,10%,0.3ohm,1A,DR5845,35.5Ts,6*5.2*4.5,1.5mm,TP	SA
5	BN41-00545A	MP1.0	PCB MAIN	ROME,4,MP1.0,1.6,195*200,1	SNA
5	BN97-00484C	MICOM1	ASSY MICOM	RE23UO	SNA
6	1107-001391	IC908	IC-FLASH MEMORY	29W800D,1Mx8/512Kx16,TSOP,48P,18.4x12mm,2.7/3.6V,-40to+85C	SA
5	BN97-00484D	MICOM2	ASSY MICOM	RE23UO	SNA
6	0903-001389	IC902	IC-MICROCONTROLLER	S3F866B,8Bit,QFP,44P,10.0x10.0mm,24MHz,-,-,PLASTIC,3.3V,-,-25to+85C,64K,-,-,-	SA

## 7-2 LN-R238W Others

Level	Code No.	Loc. No.	Description	Specification	Remarks
2	BN90-00695A	-	ASSY COVER REAR	RE23UO	SNA
3	6002-001294	C/R+C/M	SCREW-TAPPING	BH,+,-,M4,L16,ZPC(BLK)	SA
3	6003-000115	C/J+SU	SCREW-TAPTITE	BH,+,-,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	BN63-01728A	-	COVER-JACK	23" ROME,ABS,V0,GR503,READY(NTSC)	SNA
3	BN96-01725A	-	ASSY COVER P-REAR	23" ROME,ABS	SNA
4	6003-000133	B/V+REAR	SCREW-TAPTITE	BH,+,-,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
4	6003-000133	H/W+REAR	SCREW-TAPTITE	BH,+,-,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
4	BN61-01302A	-	BRACKET-VESA	32" DUOMO,SECC,T1.6	SNA
4	BN61-01488A	-	HOLDER-WIRE	40" ROME,ABS,HB,GR503	SNA
4	BN63-01725A	-	COVER-REAR	23" ROME,HIPS,V0,GR503	SNA
2	BN90-00696A	-	ASSY COVER FRONT	RE23UO	SNA
3	6003-001003	C/M+C/F	SCREW-TAPTITE	BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	I/P+C/M	SCREW-TAPTITE	BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	P/S+C/M	SCREW-TAPTITE	BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6006-001096	SPK+C/M	SCREW-TAPTITE	WP,BH,+M4.0,L12,BLK,SWRCH18A	SNA
3	BN96-01723A	-	ASSY COVER P-FRONT	23" ROME,ABS	SNA
4	AA61-60003A	-	SPRING ETC-CS	-,SUS304,-,-,OD7,N7,OD7,-,-,-,-	SNA
4	BN63-01723A	-	COVER-FRONT	23" ROME,ABS,HB,BLK,RHCM	SNA
4	BN64-00342A	-	KNOB POWER	40" ROME,PC,VIOLET	SNA
4	BN64-00343A	-	WINDOW-RMC	40" ROME,PC,CLEAR	SNA
4	BN64-00346A	-	KNOB-DECORATION	40" ROME,AL,T0.5,POWER	SNA
3	BN96-01724A	-	ASSY COVER P-MIDDLE	23" ROME,ABS	SNA
4	6003-001003	K/C+C/M	SCREW-TAPTITE	BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	BN61-01489A	-	GUIDE-CONTROL	40" ROME,ABS+PC,GR70	SNA
4	BN63-01724A	-	COVER-MIDDLE	23" ROME,ABS,V0,GR503	SNA
4	BN64-00340A	-	KNOB-DECORATION	ROME,40",ABS,HB,G3676,AL	SNA
4	BN64-00341A	-	KNOB CONTROL	40" ROME,ABS+PC,GR70,SV012P	SNA
4	BP61-00509C	MIDDLE	HOLDER-CARE	PJT,ACRYL-FOAM,T0.25,W20.0mm,L33M,CLEAR,TAPE	SNA
3	BN96-01771A	C/F	ASSY SPEAKER P	16ohm,Left,3W,Rome 23	SA
3	BN96-01772A	C/F	ASSY SPEAKER P	16ohm,Right,3W,Rome 23	SA
2	BN90-00697A	-	ASSY STAND	RE23	SNA
3	BN96-01727A	-	ASSY STAND P-SET	23"/26" ROME,ABS	SNA
4	6002-001294	BR+G/S	SCREW-TAPPING	BH,+,-,M4,L16,ZPC(BLK)	SA
4	6003-001239	BR+C/S	SCREW-TAPTITE	FH,+B,M4,L10,ZPC(YEL),SWRCH18A	SA
4	BN61-01561A	-	GUIDE-STAND	26" ROME,ABS,HB,GR503	SNA
4	BN61-01562A	-	BRACKET-STAND BOTTOM	26" ROME,SECC,T2.0	SNA
4	BN63-01718A	-	COVER-STAND	26" ROME,ABS,HB,GR70,SV012P	SNA
2	BN91-00793T	-	ASSY SHIELD	NEW	SNA
3	6003-000115	M/P+BR	SCREW-TAPTITE	BH,+B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	P/P+BR	SCREW-TAPTITE	BH,+B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	SH+BR	SCREW-TAPTITE	BH,+B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000133	BR/P+PA	SCREW-TAPTITE	BH,+,-,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
3	6003-001003	B/ST+MI	SCREW-TAPTITE	BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	BR/P+MI	SCREW-TAPTITE	BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	BR/SI+MI	SCREW-TAPTITE	BH,+B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6046-001013	CIS	STAND OFF	M3,L5,Ni PLT,SUM24L,#4-40	SNA
3	6502-001002	BRKT	CABLE CLAMP	DAWS-1NB,ID15.5,T2.0,NYLON66,N	SNA
3	BN39-00588C	CIS	LEAD CONNECTOR	SO40UO,UL20276#30,30P,200mm,#30,FI-E30HL,12507HS-30L,BK,20276#30	SA
3	BN39-00616A	CIS	LEAD CONNECTOR	RE26*,UL2835#28,12/15P,300mm,#28,12507HS-12L,12507HS-15L,BK,2835#28	SA
3	BN61-01523A	-	BRACKET-GUIDE STAND	32" ROME,SECC,T1.0	SNA
3	BN61-01564A	-	BRACKET-PANEL SIDE	26" ROME,SECC,T1.2	SNA
3	BN61-01569A	-	BRACKET-PCB	23" ROME,SECC,T1.0	SNA
3	BN96-01726A	-	ASSY SHIELD P-PCB	23" ROME,SECC,T0.5	SNA
4	BN63-01726A	-	SHIELD-PCB SMPS	23" ROME,SECC,T0.5	SNA
4	BN63-01727A	-	SHIELD-PCB MAIN	23" ROME,SECC,T0.5,READY(NT/PAL)	SNA
3	BN96-01882C	CIS	ASSY BOARD P-POWER & IR	ROME 26,CT5000-3260,POWER&IB BOARD ASS	SNA
2	BN91-00826B	-	ASSY CHASSIS	NEW	SNA
2	BN91-00833C	-	ASSY LCD-SPZ	RE23UO*AM LCD	SNA
3	BN07-00184A	LCD	LCD	LTA230W1-L02,8bit,546*318*46.3,16.7M,16:9,0.372,0 to +50,5V,PVA ZPD,23inch	SA
2	BN92-01288K	-	ASSY ACCESSORY	LNR238WX/XAA	SNA
3	BN96-01719X	-	ASSY ACCESSORY	LNR238WX/XAA	SA
4	3903-000085	ACCESSORY	CBF-POWER CORD	DT,US,BP3/YES,(IEC C13/C14),125/125V,10/10A,BLK,1830MM,-,SVT AWG18X3,UL/CSA,-,-	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
4	4301-000121	ACCESSORY	BATTERY-MN	1.5V,-,AAA,10.5x44.5m,HOLDER	SA
4	6801-001011	ACCESSORY	CARD-WARRANTY	SEA/SECA,1	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
4	AA39-00039A	ACCESSORY	CABLE IF	-,C2680R-H,S,1P,-,3C-2V,BLK,F-CON,3000MM,-	SA
4	AA68-00371C	ACCESSORY	CARD WARRANTY-03	,SEA,W/P100(G),1 YEAR	SNA
4	AA68-03242B	0	MANUAL-SAFETY GUIDE	TH-ENG,SAFETY GUIDE	SNA
4	AA68-40065B	ACCESSORY	CARD-01,REGISTRATION	,SEA,A5,ENG,A/P220,2P(SIDES),4	SNA
4	BN59-00455A	ACCESSORY	REMOCON	ROME,TM76B,210*58*21,ZILOG,48,G6148,EX,USA,NTSC,CC,PIP,Any,DNle	SNA
5	2802-000194	-	RESONATOR-CERAMIC	8MHz,1.0%,TP,8.5x4.5x5.0mm	SA
5	AA09-00371A	-	IC MICOM	SZTM-839C R-52MX,28PIN,16KBYTE,SOIC,18*7.5,-65 TO +150	SA
4	BN63-01674A	ACCESSORY	COVER-BOTTOM	32" ROME,ABS,V0,GR503	SNA
4	BN68-00801A	ACCESSORY	MANUAL USERS-00	RE32UO,SAMSUNG,E/F,NA,Art 120/Moja100,B5	SNA
4	BN96-01812A	ACCESSORY	ASSY ACCESSORY	ROME23,SCREW	SNA
5	6002-001294	STA+SET	SCREW-TAPPING	BH,+,,M4,L16,ZPC(BLK)	SA
2	BN92-01295A	-	ASSY P/MATERIAL	RE23	SNA
3	6902-000379	-	BAG AIR	HDPE,T0.2,L1800,W1000,TRP,,,PAPER	SNA
3	6902-000520	-	BAG PE	HDPE/NITRON(DOUBLE),T0.015/T0.5(DOUBLE),W700,L700,TRP,28 LANGUAGE,2-	SNA
3	6902-000604	-	BAG WRAPPING	LDPE,T0.02,W500,L10000,TRP,-,-	SNA
3	BH69-00457C	-	PACKING-PAD BOTTOM	CY15PO,FOAM,T3.0,1320,880	SNA
3	BH69-40321C	-	PACKING-EDGE	SW4/YEL,2030*140,-,CGC5637(HP)	SNA
3	BH69-40348A	-	PACKING-PAD TOP 15'	CB-DW2,W1200*L840,500G,CMA5377	SNA
3	BN69-00617T	-	PALLET-WOODEN	ROME 23",WOODEN,1160,680,120,2 WAY TYPE	SNA
3	BN69-00949A	-	CUSHION-SET	23" ROME,EPS,50M	SNA
2	BN92-01296A	-	ASSY BOX	RE23UO	SNA
3	BH68-00329D	BOX	LABEL BAR CODE-01	NO CE,NO WT'Y,MPRII,LABEL-BARCODE,MOJO 90G,90,95,WHT	SNA
3	BN69-00955A	-	BOX-00,SET	RE23UO,SW4,A,YEL,A1,W668*D213*H567,AMERICA	SNA

## 7-3 LN-R268W Main PCB Parts

Level	Code No.	Loc. No.	Description	Specification	Remarks
0	LNR268WX/XAA				
1	SPZ-LNR268WX/XAA	-	1	LTA260W2-L01	-
3	BN94-00622A	-	ASSY PCB POWER	ROME,26"32",AC110V,USA,JAPAN	SNA
3	BN94-00629C	-	ASSY PCB MAIN	NEW	SNA
4	3701-001294	JA751	CONNECTOR-DSUB	15P,3R,FEMALE,STRAIGHT,AUF	SA
4	3705-001329	JA901	CONNECTOR-COAXIAL	NT(F),ADAPTOR,-,75ohm,-	SA
4	3711-000024	CN914	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-000057	CN802	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,ANGLE,SN	SA
4	3711-002642	TEST1	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-003942	CN622	CONNECTOR-HEADER	BOX,2P,1R,2mm,STRAIGHT,SN	SA
4	3711-004067	CN815	CONNECTOR-HEADER	BOX,4P,1R,2mm,ANGLE,SN	SA
4	3711-004122	CN801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
4	3711-004182	TEST3	CONNECTOR-HEADER	BOX,10P,1R,2MM,STRAIGHT,SN,NTR	SA
4	3711-004349	CN621	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN	SA
4	3711-004484	TEST4	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
4	3711-005497	CN812	CONNECTOR-HEADER	BOX,15P,1R,1.25mm,SMD-A,SnPb,IVR	SA
4	3722-000498	JA722	JACK-SCART	21P,-,SN,BLK,NO	SA
4	3722-001061	JA752	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA781	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA782	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA785	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001734	JA771	JACK-VHS	4P,-,SN,BLK,-	SA
4	3722-001903	JA712	JACK-PIN	2P,-,AU,WHT/RED,-	SA
4	3722-001903	JA784	JACK-PIN	2P,-,AU,WHT/RED,-	SA
4	3722-002063	JA713_NT	JACK-PIN	3P,AU,YEL/WHT/RED,STRAIGHT	SA
4	3722-002063	JA761	JACK-PIN	3P,AU,YEL/WHT/RED,STRAIGHT	SA
4	3722-002143	JA731_NT	JACK-PIN	5P,NI,GRN/BLU/RED/WHT/RED,STRAIGHT	SA
4	3722-002143	JA732_NT	JACK-PIN	5P,NI,GRN/BLU/RED/WHT/RED,STRAIGHT	SA
4	BN40-00050A	TU110	TUNER	TMQH6-003B,PDP-NELSON,NTSC,181CH,45.75MHz,2.5V,75 ohm,75 ohm,PHONE,ASYMM,5V,TR,5	SA
4	BN61-01462A	X701	SUPPORT-PCB	RL17PS,SPTE,T0.5	SNA
4	BN61-01462A	X702	SUPPORT-PCB	RL17PS,SPTE,T0.5	SNA
4	BN61-01462A	X703	SUPPORT-PCB	RL17PS,SPTE,T0.5	SNA
4	BN97-00361J	-	ASSY SMD	NEW	SNA
5	0401-001056	D101	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7102	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7103	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7104	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7105	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7113	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7114	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D719	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D722	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D741	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D742	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D769	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D770	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D771	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D791_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D792_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D950	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D951	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D952	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D953	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D954	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D955	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D956	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D957	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0402-000553	D812	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0403-000258	D617	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D620	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D621	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D901AN	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000579	D727	DIODE-ZENER	BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP	SA
5	0403-000620	D3701	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D961	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D962	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-001016	D725	DIODE-ZENER	RLZ6.2B,5.96-6.27V,500MW,LL-34,TP	SA
5	0403-001052	D702	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	0403-001052	D704	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D706	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D708	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7108	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7109	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7110	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7111	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7112	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D717	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D718	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D720	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D721	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D724	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7301	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D736_NT	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D743	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D744	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D745	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D746	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D748	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D749_NT	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D750	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D751	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7551	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7552	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7553	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D756	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D758	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D759	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D761	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D763	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D764	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D765	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D766	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D767	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D772	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D773	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D774	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D775	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D776	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D777	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D778	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D779	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D780	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D781	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D782	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D958	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D959	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D960	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001425	D102	DIODE-ZENER	BZX84C33,31-35V,350MW,SOT-23,TP	SA
5	0406-001172	D7302	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7303	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7304	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7305	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0407-000123	D622	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D910	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D911	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D912	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0501-000342	Q100	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q211	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q608	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q615	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q918	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q930	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q931	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q952	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-002080	Q215	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q216	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q610	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q801	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q802	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q803	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	0501-002080	Q910	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q911	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0801-002267	IC904	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,3.6V,-40TO+85C,-,5.5V,-,-,24MA	SA
5	1001-000164	IC605	IC-ANALOG MULTIPLEX	74HC4052,CMOS,SOP,16P,150MIL,S	SA
5	1001-001109	IC909	IC-ANALOG SWITCH		SA
5	1001-001109	IC913	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-40TO+85C,PLASTIC,-,4.0OHM,5	SA
5	1001-001211	IC203	IC-ANALOG MULTIPLEX	MM74HC4052MTC,DUALMUX/4-CHANNEL,TSSOP,16P,173MIL,DUAL 4-CHANNEL,6V,-40TO+85C,PLA	SA
5	1002-001398	IC312	IC-A/D CONVERTER	MST9883CR-110,24Bit(8x3),LQFP,80P,14x14mm,+0.5/LSB,TR,-,PLASTIC,3.3V,-20to+80C,	SA
5	1006-001076	IC931AN	IC-DRIVER/RECEIVER	232,SOP,16P,300MIL,DUAL,ST,PLA	SA
5	1103-000129	IC710	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1103-000129	IC712	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1103-001279	IC910	IC-EEPROM	24C32,4Kx8,SOP,8P,5x4mm,2.5/5.5V,-40to+85C	SA
5	1105-001533	IC202	IC-DRAM	EM6A9320BI-4,4Mx32Bit,FBGA,144P,12x12mm,4nS,2.5V,5%,-,0to+70C,100mA,-,TR	SA
5	1106-001476	IC907	IC-SRAM	K6X1008C2D,128Kx8Bit,TSSOP,32P,18.4x8.4mm,55nS,5V,4.5-5.5V,-,-40to+85C,15uA,-,TP	SA
5	1201-000166	IC204	IC-OP AMP	LM358,SOP,ST,8P,150MIL,DUAL,100V/MV,PLASTIC,32V,500MW,0TO+70C,70DB,0.6V/US,5NA,-	SA
5	1201-001495	IC615	IC-AUDIO AMP	7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,-	SA
5	1201-002119	IC611	IC-AUDIO AMP	TPA3004D2,HTQFP,48P,7x7mm,-,-,PLASTIC,18V,4.3W,-40to+85C,-,-,-,120mA,-,TR	SA
5	1203-001109	IC616	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	SA
5	1203-001559	IC905	IC-RESET	DS1834A,SOIC,8P,150MIL,PLASTIC,-,-,-40TO+85C,-,-,TP	SA
5	1203-001815	IC803	IC-POSI.FIXED REG.	78M09,TO-252,3P,-,PLASTIC,8.6/9.4V,1.0W,-40TO+85C,0.5A,-,TP	SA
5	1203-001816	IC802	IC-POSI.FIXED REG.	78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP	SA
5	1203-002454	IC814	IC-POSI.FIXED REG.	FAN1117A,TO-252,3P,257MIL,PLASTIC,1.764V/1.836V,-,0TO+125C,1A,1.225/1.275V,TP	SA
5	1203-002708	IC3011	IC-POSI.FIXED REG.	1085,TO-263,3P,340MIL,PLASTIC,3.27/3.33V,-,-40TO+125C,3A,-,TP	SA
5	1203-002842	IC811	IC-POSI.FIXED REG.	AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP	SA
5	1203-002842	IC812	IC-POSI.FIXED REG.	AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP	SA
5	1203-002855	IC801	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002855	IC804	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002855	IC813	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002974	IC808	IC-POSI.FIXED REG.	AP1117D-25A,TO-252,3P,6.7x5.6mm,PLASTIC,2.45/2.55V,-,0to+150C,1A,-,TP	SA
5	1203-003059	IC807	IC-SWITCH VOL. REG.	MP1583,SOIC,8P,4.9x3.9mm,PLASTIC,1.22/21V,-,-40to+85CC,3A,1.194/1.25V,TP	SA
5	1204-002180	IC610	IC-SOUND PROCESSOR	MSP4410G_QA_C12_500,PQFP,80P,20x14mm,PLASTIC,8.7V,1W,0to+70C,TR,IC-SOUND PROCESS	SA
5	1204-002352	IC200	IC-VIDEO PROCESS	SVP-EX52-7052,PQFP,256P,28x28mm,PLASTIC,3.45V,-,0to+70C,TR,3D Comb VideoDecoder	SA
5	1205-002383	IC311	IC-RECEIVER	SI9993CT100,TQFP,100P,14x14mm,PLASTIC,3.6V,-,0to+70C,TR,IC-RECEIVER	SA
5	2007-000043	R229	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R230	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2357	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R919	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9401	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9405	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R963	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R964	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R965	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R966	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9661	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9662	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000060	R121	R-CHIP	100Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R2008_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R214	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R215_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R216	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R217_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R218_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R2358	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R236	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R237	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R2386_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R245	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R247	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R248	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R280	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R281	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R282	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R283	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R331	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R332	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R333	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R375	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R376	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R377	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R378	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R645	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R646	R-CHIP	0ohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000070	R650	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R651	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R652	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R654	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R655	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R686	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R688	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7135_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7139_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7141_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7606_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7607_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7608	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R772	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9124	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9125	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9126_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R918	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9203_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9204_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9205_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9206_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9207	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9208_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9209	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9215	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9217	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9218	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R923	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9330	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R934	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R935	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9403	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9404_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R960	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9664	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9665	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R994	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R995	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R996	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R997	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R2013	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R2015	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R337	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R754	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R758	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R770	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R771	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R100	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R101	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R340	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R345	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R347	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R349	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R350	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R351	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R616	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R617	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R761	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R7610	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R7611	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R762	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R782	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R783	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R982	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R983	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R984	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R985	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R986	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R102	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R104	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R234	R-CHIP	100ohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000074	R235	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R260	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R261	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R270	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R271	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R272	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R273	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R334	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R613	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R614	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R618	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R628	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R629	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R630	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R631	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7110_NT	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7111	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7120	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7132	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7133	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7134	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R721	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R722	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R726_NT	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R727_NT	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R728_NT	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R731_NT	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R738	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R745	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R757	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7590	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7612	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7613	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7614	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7619	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R781	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9119	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9120	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9122	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9123	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R931	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R932	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R936	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R937	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R940	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R941	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R953AN	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R954AN	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R955	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R962	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9668	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9669	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R967	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R968	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R969	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R974	R-CHIP	100ohm,5%,1/10W,TP,1608	SA</

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000077	R7582	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7588	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7620_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7621_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R765	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R766	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R793	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R794	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R9663	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000078	R130_OP	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R131_OP	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R211	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R239	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R240	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R241	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R258	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R259	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R323	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R615	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R626	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R627	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R6402	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R6404	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R692	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R767	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R924	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R9666	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R9667	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	U727	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000080	R693	R-CHIP	2Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R242	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R244	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R274	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R338	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R922	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R925	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R926	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R927	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R928	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R938	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R939	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R943	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R944	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R945	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R946	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R9671	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R9672	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R988	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R989	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R2356	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R238	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R256	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R257	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R321	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R336	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R339	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R342	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R343	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R619	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R649	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R657	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R810	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9118	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R917	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9187	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9213	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9222	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9224	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9231	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9232	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9234	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9235	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000084	R9238	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R929	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9332	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9335	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9336	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9402	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R942	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9670	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	C7612	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R233	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R620	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R623	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R690	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R691	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R759	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R760	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R7609	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R763	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R802	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R803	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R804	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R805	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R8877	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R901	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R913	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9211	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R957	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	U730	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000091	R679	R-CHIP	12Kohm,5%,1/10W,TP,1608	SA
5	2007-000093	R621	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000093	R622	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000094	R191	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000094	R9337	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R643_OP	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R644_OP	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R9114	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R175	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R801	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R806	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R861	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000103	R653	R-CHIP	120Kohm,5%,1/10W,TP,1608	SA
5	2007-000106	R105	R-CHIP	220Kohm,5%,1/10W,TP,1608	SA
5	2007-000106	R120	R-CHIP	220Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R811	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9111	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9112	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9113	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9115	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9116	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9117	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000125	R335	R-CHIP	3.9Kohm,5%,1/10W,TP,1608	SA
5	2007-000129	R647	R-CHIP	27Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R262	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R263	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R264	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R265	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R266	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R267	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R268	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R269	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R601	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R602	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R603	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R604	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R605	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R606	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R607	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R608	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R609	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R610	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R611	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R612	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000134	R670	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R671	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R672	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R673	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000309	R3111	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7309	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7310	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7311	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7312	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7313	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7314	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7315	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7316	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9100	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9101	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9102	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9103	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9105	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9106	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9128	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9331	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R951	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R952	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R953	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R970	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R971	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R972	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R973	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R977	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R978	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R979	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R981	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R998	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R999	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	RA920	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000381	R860	R-CHIP	13Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	R640	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	R746	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	R920	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	U729	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000779	R330	R-CHIP	33ohm,1%,1/10W,TP,1608	SA
5	2007-000821	R327	R-CHIP	390ohm,1%,1/10W,TP,1608	SA
5	2007-000882	R624	R-CHIP	4.7ohm,5%,1/10W,TP,1608	SA
5	2007-000882	R625	R-CHIP	4.7ohm,5%,1/10W,TP,1608	SA
5	2007-001014	R231	R-CHIP	51OHM,5%,1/10W,DA,TP,1608	SA
5	2007-001014	R232	R-CHIP	51OHM,5%,1/10W,DA,TP,1608	SA
5	2007-001068	R858	R-CHIP	6.8Kohm,1%,1/10W,TP,1608	SA
5	2007-001134	R9673	R-CHIP	68ohm,5%,1/10W,TP,1608	SA
5	2007-001139	R921	R-CHIP	7.5Kohm,1%,1/10W,TP,1608	SA
5	2007-001164	C7790	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R103	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R720	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R744	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7581	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7583	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7584	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7591	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7592	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7788	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7789	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001167	R352	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R353	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R354	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R751	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R752	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R753	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R755	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R756	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2011-000515	RA933	R-NET	4.7Kohm,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000515	RA934	R-NET	4.7Kohm,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA323	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA324	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2011-000585	RA325	R-NET	470HM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA326	R-NET	470HM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA327	R-NET	470HM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA328	R-NET	470HM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA329	R-NET	470HM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA330	R-NET	470HM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000651	RA316	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA317	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA318	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA319	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA320	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA321	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA322	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA913	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA914	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA915	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA916	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA917	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA919	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA921	R-NET	100HM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA910	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA911	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA912	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA922	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA923	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA924	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA925	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA926	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA927	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA928	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA929	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA930	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA931	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA932	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2203-000041	C990	C-CER,CHIP	0.01NF,0.25PF,50V,COG,TP,1608	SA
5	2203-000140	C622	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000140	C646	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000189	C120	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2061	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2065	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2102	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2104	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2106	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C236	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C240	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C241	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C242	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C243	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C244	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C245	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C246	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
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## 7 Electrical Parts List

[illegible]

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-000257	C25017	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C25018	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C25019	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C388	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C667	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C668	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C681	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C685	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C803	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C806	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C809	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C812	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C819	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C838	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C854	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C869	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C932	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C934	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C936	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C937	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000257	C940	C-CER,CHIP	10nF,10%,50V,X7R,TP,1608	SA
5	2203-000405	C850	C-CER,CHIP	0.18nF,5%,50V,C0G,TP,1608	SA
5	2203-000440	C341	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C350	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C351	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C354	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C355	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C381	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C386	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C635	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C636	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C901	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C9548	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C9549	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000491	C109	C-CER,CHIP	2.2nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000552	C238	C-CER,CHIP	0.02nF,5%,50V,C0G,TP,1608	SA
5	2203-000552	C239	C-CER,CHIP	0.02nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C919	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C920	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C929	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C930	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000715	C8822	C-CER,CHIP	3.3nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000783	C712	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C713	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C739	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C742	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7420	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7422	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C743	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C744	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C749	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C750	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7579	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C760	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	D747	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000815	C921	C-CER,CHIP	0.033nF,5%,50V,C0G,TP,1608	SA
5	2203-000815	C922	C-CER,CHIP	0.033nF,5%,50V,C0G,TP,1608	SA
5	2203-000838	C333	C-CER,CHIP	0.39nF,5%,50V,C0G,TP,1608	SA
5	2203-000843	C332	C-CER,CHIP	39nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000872	C627	C-CER,CHIP	0.003nF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000872	C628	C-CER,CHIP	0.003nF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000888	C110	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C218	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C219	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C324	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C335	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C633	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C634	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000972	C107	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000972	C620	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000975	C370	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000998	C118	C-CER,CHIP	0.047nF,5%,50V,C0G,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-000998	C119	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-000998	C935	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C624	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C625	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C626	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001391	C664	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C665	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C682	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C684	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001607	C108	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2203-001607	C675	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2203-001630	C657	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001630	C658	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001656	C121	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-001656	C623	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-001656	C644	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-005005	C100	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C105	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C113	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C114_OP	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C2107	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C211	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C212	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C221	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C222	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C228	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C230	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C231	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C232	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C25025	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C321	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C322	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C325	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C327	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C328	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C329	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C330	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C334	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C336	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C337	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C338	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C339	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C340	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C342	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C343	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C346	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C347	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C348	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C361	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C609	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C632	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C647	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C679	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C816	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C823	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C825	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C837	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C840	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C842	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C848	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C860	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C862	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C864	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C866	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C871	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C873	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C874	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C881	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C883	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C918	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C941	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C942	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-005005	C948	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C960	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C964	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C967	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C991AN	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C992AN	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C993AN	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C994AN	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C995AN	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005030	C666	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005030	C683	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005065	C2049	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C235	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C237	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C638	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C639	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C674	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C678	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C680	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C689	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C690	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C691	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C692	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C693	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C826	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C827	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C928	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005194	C25020	C-CER,CHIP	220pF,10%,50V,X7R,TP,1608,-	SA
5	2203-005194	C25021	C-CER,CHIP	220pF,10%,50V,X7R,TP,1608,-	SA
5	2203-005194	C25022	C-CER,CHIP	220pF,10%,50V,X7R,TP,1608,-	SA
5	2203-005194	C25023	C-CER,CHIP	220pF,10%,50V,X7R,TP,1608,-	SA
5	2203-005437	C371	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216	SA
5	2402-000108	C738	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-000135	C103	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C112	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C2108	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C227	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C284	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C320	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C326	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C352	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C358	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C382	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C384	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C610	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C621	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C656	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C659	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C813	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C815	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C821	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C822	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C824	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C853	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C855	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C861	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C863	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C870	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C872	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C875	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C880	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C882	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000135	C931	C-AL,SMD	22uF,20%,16V,GP,TP,5.3x5.3x5.4	SA
5	2402-000170	C104	C-AL,SMD	1uF,20%,50V,GP,TP,4.3x4.3x5.4	SA
5	2402-000173	C6104	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C613	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C614	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C615	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C616	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C617	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000173	C618	C-AL,SMD	4.7uF,20%,35V,GP,TP,4.3x4.3x5	SA
5	2402-000176	C2060	C-AL,SMD	10uF,20%,16V,GP,TP,4.3x4.3x5.4	SA

## 7 Electrical Parts List

[illegible]

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2402-001042	C867	C-AL,SMD	100uF,20%,16V,GP,TP,6.6x6.6x5.4mm	SA
5	2402-001044	C801	C-AL,SMD	100UF,20%,25V,GP,TP,8.3X8.3X6.3MM	SA
5	2402-001044	C836	C-AL,SMD	100UF,20%,25V,GP,TP,8.3X8.3X6.3MM	SA
5	2402-001100	C224	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2402-001100	C225	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2402-001221	C111	C-AL,SMD	470UF,20%,16V,-,TP,A8.3XB8.3XL10	SA
5	2402-001221	C7767	C-AL,SMD	470UF,20%,16V,-,TP,A8.3XB8.3XL10	SA
5	2402-001221	C847	C-AL,SMD	470UF,20%,16V,-,TP,A8.3XB8.3XL10	SA
5	2402-001268	C810	C-AL,SMD	100uF,+20%,25V,WT,REEL,8x6.3	SA
5	2703-000274	BD221	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	BD222	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	BD919	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2201	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2612	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2613	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L802	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000398	BD313	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	BD315	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	BD615	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L102	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L610	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L611	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L612	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L620	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L621	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L712	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L713	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L719	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L721	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L722	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L723	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L724	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L725	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L727	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L728	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L732	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L733	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L735	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L737	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L740	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L741	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L7565	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L910	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L914	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L915	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L916	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000417	L112	INDUCTOR-SMD	220uH,5%,3225	SA
5	2703-001426	L103	INDUCTOR-SMD	680uH,20%,7070	SA
5	2703-001778	BD316	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L709	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L711	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-002327	L100	INDUCTOR-SMD	3.9uH,5%,3225	SA
5	2801-000258	X901	CRYSTAL-UNIT	32.768KHz,20ppm,28-AAW,12.5pF,	SA
5	2801-003326	X903	CRYSTAL-SMD	24MHz,30ppm,28-ABX,16pF,50ohm,	SA
5	2801-003667	X201	CRYSTAL-SMD	14.31818MHz,30ppm,28-AAN,16,50ohm,TP	SA
5	2801-004117	X902	CRYSTAL-SMD	6MHz,30PPM,28-ABX,20PF,150OHM,TP	SA
5	2801-004300	X610	CRYSTAL-SMD	18.432MHz,30ppm,28-ABX,13pF,30ohm,TP	SA
5	2901-001264	FT2701	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	3301-001145	BD200	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD2305	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD311	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD603	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD604	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD800	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD801	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD802	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD803	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD804	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD805	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	FT2702	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	FT810	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001236	BD1815	BEAD-SMD	60ohm,1608,200mA,,,,,0.7ohm	SNA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	3301-001236	BD2014	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD210	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD211	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD212	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD213	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD214	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD215	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD216	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD310	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD312	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD314	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD710	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD711	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD712	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD820	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD821	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD920	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD921	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD922	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD923	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001236	BD924	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
5	3301-001594	FT715	BEAD-SMD	90ohm,2.0*1.2*1.3mm,-,TP,-,-,-	SNA
5	3301-001594	FT716	BEAD-SMD	90ohm,2.0*1.2*1.3mm,-,TP,-,-,-	SNA
5	3301-001594	FT717	BEAD-SMD	90ohm,2.0*1.2*1.3mm,-,TP,-,-,-	SNA
5	3301-001594	FT718	BEAD-SMD	90ohm,2.0*1.2*1.3mm,-,TP,-,-,-	SNA
5	3301-001595	L617	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,,0.012ohm	SNA
5	3301-001595	L618	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,,0.012ohm	SNA
5	3301-001605	FT250	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT251	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT252	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT253	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3301-001605	FT524	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,,0.5ohm	SNA
5	3701-001298	JA711	CONNECTOR-HDMI	19P,2R,FEMALE,SMD-S,AU20U	SA
5	3711-005470	CN701	CONNECTOR-HEADER	BOX,30P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA
5	3711-005543	CN813	CONNECTOR-HEADER	BOX,6P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	BN27-00008A	L811	COIL CHOKE-SMD	SMD1212*8.5,GH15/17PS,22.0UH,±20%,0.045OHM MAX,3.0A,DR10X7/SMD12X6,7.16.5TS	SA
5	BN27-00009A	L613_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-0.12δY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN27-00009A	L614_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-0.12δY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN27-00009A	L615_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-0.12δY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN27-00009A	L616_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-0.12δY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN41-00545A	MP1.0	PCB MAIN	ROME 4,MP1.0,1.6,195*200,1	SNA
5	BN97-00484E	MICOM1	ASSY MICOM	RE26UO	SNA
6	1107-001391	IC908	IC-FLASH MEMORY	29W800D,1Mx8/512Kx16,TSOP,48P,18.4x12mm,2.7/3.6V,-40to+85C	SA
5	BN97-00484F	MICOM2	ASSY MICOM	RE26UO	SNA
6	0903-001389	IC902	IC-MICROCONTROLLER	S3F866B,8bit,QFP,44P,10.0x10.0mm,24MHz,-,PLASTIC,3.3V,-,-25to+85C,64K,-,-,-,-	SA
3	BN94-00648B	-	ASSY PCB MISC-LED	ROME*	SNA
4	0601-001661	OP01	LED	ROUND,BLUE,5MM,428NM,5X8.8MM	SA
4	3404-000243	SW01	SWITCH-TACT	15V,20mA,160gf+-50gf,6x3.4mm,S	SA
4	BN97-00361Y	-	ASSY SMD	NEW	SNA
5	0403-001080	DS01	DIODE-ZENER	UDZ8.2B,8.02-8.36V,200MW,UMD2,TP	SA
5	2007-000070	RS01	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2203-000236	CS01	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	3711-005471	CNS01	CONNECTOR-HEADER	BOX,12P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA
5	3711-005499	CNS02	CONNECTOR-HEADER	BOX,8P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	BN41-00555A	MP1.0	PCB-LED	ROME,FR-4,2,1.0,1.6T,101.7*14.4*1.6T,RE23/26/32/40/6,POWER KEY	-
3	BN94-00648C	-	ASSY PCB MISC-IR	ROME*	SNA
4	0609-001204	OP1	MODULE REMOCON	HORIZONTAL,6.5MM,TR	SA
4	BN97-00361Z	-	ASSY SMD	NEW	SNA
5	1209-001538	SP1	IC-SENSOR	TLS2550T,SMD,4P,3.8x2.6mm,PLASTIC,5.5V,-,-25to+85C,TP	SA
5	2007-000071	RS2	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000074	RS4	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	RS5	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000090	RS1	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2203-000189	CS1	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	CS3	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2402-000165	CS2	C-AL,SMD	47uF,20%,6.3V,GP,TP,5.3x5.3x5.	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2402-000165	CS4	C-AL,SMD	47uF,20%,6.3V,GP,TP,5.3x5.3x5.	SA
5	2703-000398	LS1	INDUCTOR-SMD	10uH,10%,3225	SA
5	3711-005543	CN1	CONNECTOR-HEADER	BOX,6P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	BN41-00554A	MP1.0	PCB SUB-IR	ROME,FR-1,1,1,0,1.6T,13.8*53.5*1.6T,RE23/26/32/40,12,IR BOARD	-
3	BN94-00648D	-	ASSY PCB MISC-FUNCTION	ROME*	SNA
4	BN97-00503A	-	ASSY SMD	ROME*	SNA
5	0403-001080	DS1	DIODE-ZENER	UDZ8.2B,8.02-8.36V,200MW,UMD2,TP	SA
5	0403-001080	DS2	DIODE-ZENER	UDZ8.2B,8.02-8.36V,200MW,UMD2,TP	SA
5	2007-000070	RS1	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000082	RS2	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	RS5	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000088	RS3	R-CHIP	7.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000088	RS6	R-CHIP	7.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	RS4	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2203-000236	CS01	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	2203-000236	CS02	C-CER,CHIP	0.1NF,5%,50V,C0G,TP,1608	SA
5	3404-001207	SW1	SWITCH-TACT	12V,50MA,160GF,6.2X6.2,SPST	SA
5	3404-001207	SW2	SWITCH-TACT	12V,50MA,160GF,6.2X6.2,SPST	SA
5	3404-001207	SW3	SWITCH-TACT	12V,50MA,160GF,6.2X6.2,SPST	SA
5	3404-001207	SW4	SWITCH-TACT	12V,50MA,160GF,6.2X6.2,SPST	SA
5	3404-001207	SW5	SWITCH-TACT	12V,50MA,160GF,6.2X6.2,SPST	SA
5	3404-001207	SW6	SWITCH-TACT	12V,50MA,160GF,6.2X6.2,SPST	SA
5	3711-005509	CN01	CONNECTOR-HEADER	BOX,4P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA
5	BN41-00533A	MP1.0	PCB MAIN	1704FP,FR-4,2,1,1,1.6T,144*110,BV17PO,2	-
2	BN91-00833D	-	ASSY LCD-SPZ	RE26UO*AM LCD	SNA
3	BN07-00185A	LCD	LCD	LTA260W2-L01,8bit,626.0*373.0*51.0,16.7M,16:9,0.51075,0.51075,0 to +50,5V,PVA ZP	SA

### 7-4 LN-R268W Others

Level	Code No.	Loc. No.	Description	Specification	Remarks
2	BN90-00692A	-	ASSY COVER FRONT	RE26UO	SNA
3	6003-001003	C/M+C/F	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	I/P+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	P/S+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	SPK+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	BN96-01728A	-	ASSY COVER P-FRONT	26" ROME,ABS	SNA
4	AA61-60003A	-	SPRING ETC-CS	-,SUS304,-,-,OD7,N7,OD7,-,-,-,-	SNA
4	BN63-01715A	-	COVER-FRONT	26" ROME,ABS,HB,BLK,RHCM	SNA
4	BN64-00342A	-	KNOB POWER	40" ROME,PC,VIOLET	SNA
4	BN64-00343A	-	WINDOW-RMC	40" ROME,PC,CLEAR	SNA
4	BN64-00346A	-	KNOB-DECORATION	40" ROME,AL,T0.5,POWER	SNA
3	BN96-01729A	-	ASSY COVER P-MIDDLE	26" ROME,ABS	SNA
4	6003-001003	K/C+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	BN61-01489A	-	GUIDE-CONTROL	40" ROME,ABS+PC,GR70	SNA
4	BN63-01716A	-	COVER-MIDDLE	26" ROME,ABS,V0,GR70,SV012P	SNA
4	BN64-00340A	-	KNOB-DECORATION	40" ROME,ABS+PC,GR70,CR COATING	SNA
4	BN64-00341A	-	KNOB CONTROL	40" ROME,ABS+PC,GR70,SV012P	SNA
2	BN90-00693A	-	ASSY COVER REAR	RE26UO	SNA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
3	6002-001294	C/R+C/M	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6003-000115	C/J+SU	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	BN63-01642A	-	COVER-JACK	40" ROME,ABS,V0,GR503,READY,NT	SNA
3	BN96-01736A	-	ASSY COVER P-REAR	26" ROME,ABS	SNA
4	6003-000133	B/V+REAR	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
4	6003-000133	H/W+REAR	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
4	BN61-01302A	-	BRACKET-VESA	32" DUOMO,SECC,T1.6	SNA
4	BN61-01488A	-	HOLDER-WIRE	40" ROME,ABS,HB,GR503	SNA
4	BN63-01717A	-	COVER-REAR	26" ROME,HIPS,V0,GR503	SNA
2	BN90-00694A	-	ASSY STAND	RE26	SNA
3	BN96-01727A	-	ASSY STAND P-SET	23"/26" ROME,ABS	SNA
4	6002-001294	BR+G/S	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
4	6003-001239	BR+C/S	SCREW-TAPTITE	FH,+,B,M4,L10,ZPC(YEL),SWRCH18A	SA
4	BN61-01561A	-	GUIDE-STAND	26" ROME,ABS,HB,GR503	SNA
4	BN61-01562A	-	BRACKET-STAND BOTTOM	26" ROME,SECC,T2.0	SNA
4	BN63-01718A	-	COVER-STAND	26" ROME,ABS,HB,GR70,SV012P	SNA
2	BN91-00793U	-	ASSY SHIELD	NEW	SNA
3	6003-000115	AC+MIDDLE	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	B/G+B/P	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	M/P+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	P/P+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	SH+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000133	B/B+PA	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000133	B/T+PA	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
3	6003-001003	B/L+MI	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	B/S+B/L	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	B/S+MI	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	BR+MI	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6006-000245	GROUND	SCREW-MACHINE	WSP,PH,+,M4,L8,ZPC(YEL),SWRCH1	SNA
3	6502-001002	BRKT	CABLE CLAMP	DAWS-1NB,ID15.5,T2.0,NYLON66,N	SNA
3	BN61-01523A	-	BRACKET-GUIDE STAND	32" ROME,SECC,T1.0	SNA
3	BN61-01525A	-	BRACKET-STAND LINK	32" ROME,SECC,T1.6	SNA
3	BN61-01563A	-	BRACKET-PANEL TOP	26" ROME,SECC,T1.2	SNA
3	BN61-01564A	-	BRACKET-PANEL SIDE	26" ROME,SECC,T1.2	SNA
3	BN61-01565A	-	BRACKET-PANEL BOTTOM	26" ROME,SECC,T1.6	SNA
3	BN61-01566A	-	BRACKET-GUIDE POWER	26" ROME,SECC,T1.2,RIGHT	SNA
3	BN61-01567A	-	BRACKET-GUIDE POWER	26" ROME,SECC,T1.2,LEFT	SNA
3	BN61-01568A	-	BRACKET-GUIDE MAIN	26" ROME,SECC,T1.2	SNA
3	BN96-01730A	-	ASSY SHIELD P-PCB	26" ROME,SECC,T0.5	SNA
4	BN63-01720A	-	SHIELD-PCB SMPS	26" ROME,SECC,T0.5	SNA
4	BN63-01721A	-	SHIELD-PCB MAIN	26" ROME,SECC,T0.5,READY(NT/PAL)	SNA
2	BN91-00826C	-	ASSY CHASSIS	NEW	SNA
2	BN92-01063M	-	ASSY LABEL	NEW	SNA
3	AA68-01070A	LABEL	LABEL-01,MODEL	- ,A/P,-,30,20,-,-,ALL MODEL,-	SNA
3	BN68-00614A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90*45,BLK,POLYESTER,NO SILK	SNA
2	BN92-01288L	-	ASSY ACCESSORY	LNR268WX/XAA	SNA
3	BN96-01719Y	-	ASSY ACCESSORY	LNR268WX/XAA	SA
4	3903-000085	ACCESSORY	CBF-POWER CORD	DT,US,BP3/YES,(IEC C13/C14),125/125V,10/10A,BLK,1830MM,-,SVT AWG18X3,UL/CSA,-,	SA
4	4301-000121	ACCESSORY	BATTERY-MN	1.5V,-,AAA,10.5x44.5mm,HOLDER	SA
4	6801-001011	ACCESSORY	CARD-WARRANTY	SEA/SECA,1	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
4	AA39-00039A	ACCESSORY	CABLE IF	- ,C2680R-H,S,1P,-,3C-2V,BLK,F-CON,3000MM,-,	SA
4	AA68-00371C	ACCESSORY	CARD WARRANTY-01	,SEA,W/P100(G),1 YEAR	SNA
4	AA68-03242B	0	MANUAL-WARRANTY CARD	TH-ENG,SAFETY GUIDE	SNA
4	AA68-40065B	ACCESSORY	CARD-01,REGISTRATION	,SEA,A5,ENG,A/P220,2P(SIDES),4	SNA
4	BN59-00454A	ACCESSORY	REMOCON	ROME,TM76B,210*58*21,ZILOG,46,G6148,EX,NT,ROME,Europe,NTSC	SNA
4	BN63-01674A	ACCESSORY	COVER-BOTTOM	32" ROME,ABS,V0,GR503	SNA
4	BN69-00350A	ACCESSORY	BOX-00,ACCESSORY	AL29NO/AO,CB SW-1,YEL,KSD-21,60,300,230	SNA
4	BN96-01803A	ACCESSORY	ASSY ACCESSORY	ROME26,SCREW	SNA
5	6002-001294	ST+SE	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
2	BN92-01293A	-	ASSY P/MATERIAL	RE26	SNA

Level	Code No.	Loc. No.	Description	Specification	Remarks
3	6902-000358	-	BAG PE	HDPE/NITRON(DOUBLE),T0.02/T0.5,W900,L800,WHT,28,4AL29NO	SNA
3	6902-000379	-	BAG AIR	HDPE,T0.2,L1800,W1000,TRP,,,PAPER	SNA
3	6902-000604	-	BAG WRAPPING	LDPE,T0.02,W500,L10000,TRP,-,-	SNA
3	BH69-00457C	-	PACKING-PAD BOTTOM	CY15PO,FOAM,T3.0,1320,880	SNA
3	BH69-40321C	-	PACKING-EDGE	SW4/YEL,2030*140,-,CGC5637(HP)	SNA
3	BH69-40348A	-	PACKING-PAD TOP 15'	CB-DW2,W1200*L840,500G,CMA5377	SNA
3	BN69-00617S	-	PALLET-WOODEN	ROME 26",WOODEN,770,1290,120,2 WAY TYPE	SNA
3	BN69-00948A	-	CUSHION-SET	26" ROME,EPS,50M	SNA
2	BN92-01294A	-	ASSY BOX	RE26UO	SNA
3	BH68-00329D	BOX	LABEL BAR CODE-01	NO CE,NO WT'Y,MPRII,LABEL-BARCODE,MOJO 90G,90,95,WHT	SNA
3	BN69-00954A	-	BOX-SET	ROME 26",DW3,YEL,A-1,W755*D217*H627	SNA

7 Electrical Parts List

7-5 LN-R328W Main PCB parts

Level	Code No.	Loc. No.	Description	Specification	Remarks
0	LNR328WX/XAA				
1	SPZ-LNR328WX/XAA	-	1	SDI,PVA-ZPD	-
3	BN94-00622A	-	ASSY PCB POWER	ROME,26"32",AC110V,USA,JAPAN	SNA
4	0204-002420	CIS	SOLVENT	1M-1000,C3H7OH,96,-,-	SNA
4	0204-002426	CIS	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG,-	SNA
4	0402-000102	D811S	DIODE-BRIDGE	D2SB60,200V,1.5A,SIP-4,ST	SA
4	0604-001038	PC801S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	0604-001038	PC802S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	0604-001038	PC803S	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	SA
4	1203-002177	IC811S	IC-PWM CONTROLLER	VIPER12ADIP,DIP,8P,300MIL,PLASTIC,730V,15W,-40to+150C,0.36A,-,ST	SA
4	1404-001195	NT801S	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	SA
4	1404-001195	NT811S	THERMISTOR-NTC	5.1ohm,15%,2900,27mW/C,BK	SA
4	2201-000963	CY814S	C-CERAMIC,DISC	1NF,20%,400V,Y5U,TP,9.5X6MM,10	SA
4	2201-000987	CY804S	C-CERAMIC,DISC	2.2NF,20%,400V,Y5U,BK,12.5X6MM,10	SA
4	2201-000987	CY805S	C-CERAMIC,DISC	2.2NF,20%,400V,Y5U,BK,12.5X6MM,10	SA
4	2306-000318	CX813S	C-FILM,LEAD-PPF	220NF,20%,250V,BK,-,22.5	SA
4	2306-000321	CX811S	C-FILM,LEAD-PPF	470NF,20%,275V,BK,31X11X21MM,27.5	SA
4	2306-000321	CX812S	C-FILM,LEAD-PPF	470NF,20%,275V,BK,31X11X21MM,27.5	SA
4	2401-004036	CP817	C-AL	470uF,20%,250V,WT,BK,30x30mm,10	SA
4	2401-004036	CP818	C-AL	470uF,20%,250V,WT,BK,30x30mm,10	SA
4	3501-001053	RL811S	RELAY-POWER	5VDC,530MW,10000MA,1FORMA,15MS,5MS	SA
4	3601-001007	FS811S	FUSE-CARTRIDGE	250V,6.3A,TIME-LAG,GLASS,5.2x20mm	SA
4	3711-000024	CNB811	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-002855	PD811S	CONNECTOR-HEADER	BOX,2P,1R,7.92mm,STRAIGHT,SN	SA
4	3711-004122	CNI801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
4	3711-004122	CNM801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
4	3711-004484	CNI804	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
4	AA27-00119A	LM802	COIL CHOKE	10uH,-,10uH,10%,0.07,0.1ohm MAX,3.0A,DR08X08,17.5T,10x19mm,5mm,0.45mm,BK,-20Cto+	SA
4	AA27-00119A	LM804	COIL CHOKE	10uH,-,10uH,10%,0.07,0.1ohm MAX,3.0A,DR08X08,17.5T,10x19mm,5mm,0.45mm,BK,-20Cto+	SA
4	AA60-40012B	CNP801	PIN-GT,ASSY	T1.6,10MM,NYLON66	SNA
4	AA60-40012B	CNP802	PIN-GT,ASSY	T1.6,10MM,NYLON66	SNA
4	AA96-50162N	DM807	ASSY HEAT SINK P	KA378R12,SCREW,AA62-30013E,OIL SILICON	SNA
5	1203-002139	CIS	IC-POSI.FIXED REG.	378R12,TO-220F,4P,393MIL,PLASTIC,11.7/12.3V,1.5W,-20to+80C,3A,13/29V,ST	SA
5	6003-000333	CIS	SCREW-TAPTITE	RH,+2S,M3,L10,ZPC(YEL),SWRCH1	SNA
5	AA62-30013E	CIS	HEAT SINK-ES	-,A6063 EXTR,-,-,30(21) T0220,	SNA
4	BN26-00004A	T811S	TRANS SWITCHING-DPMS	EE 2020,LCD-TV,400V,400V,PL-3/PM2A,6V,19"18"23.50/60Hz,-,3.5mH,0.5A,20uH,0.4A,6V,	SA
4	BN26-00025A	T802S	TRANS SWITCHING	EER3541,DUOMO,DC200~380V,PL-7,EER3541,60Hz,1.2mH,2.5A,2.5A,14V	SNA
4	BN26-00027A	T801S	TRANS-INVERTER POWER	EER 4445,LCD TV,16PIN,550uH,400V,1A,4uH,24V,1A,0.2,PM9,EER 4445,190uH,44"52"23mm	SNA
4	BN29-00007A	LX813S	FILTER LINE NOISE	DUOMO,SQE 2828H,0.2ohm,10mH,29"29"25(H),2.5A,AC90-280V,BK,0.2mH,DC500V/100Mohm,-	SA
4	BN29-00007A	LX816S	FILTER LINE NOISE	DUOMO,SQE 2828H,0.2ohm,10mH,29"29"25(H),2.5A,AC90-280V,BK,0.2mH,DC500V/100Mohm,-	SA
4	BN96-00324A	IC803S	ASSY BOARD P	PDB20049A M,CONTROLLER ASS'Y	SA
4	BN97-00457A	-	ASSY AUTO-POWER	ROME,26"32",AC110V,USA,JAPAN	SNA
5	0401-000005	DB816	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DI808	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DI809	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000005	DM804	DIODE-SWITCHING	1N4148,75V,150MA,DO-35,TP	SA
5	0401-000006	DB812	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	0401-000006	DM801	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	0401-000006	DM803	DIODE-SWITCHING	BAV21,250V,200MA,DO-35,TP	SA
5	0402-000132	DB815	DIODE-RECTIFIER	1N4004,400V,1A,DO-41,TP	SA
5	0402-000254	DB817	DIODE-RECTIFIER	RGP10J,600V,1A,DO-41,TP	SA
5	0402-000546	DM802	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	DM806	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-000546	DM809	DIODE-RECTIFIER	TVR10G,400V,1.0A,DO-41,TP	SA
5	0402-001470	DM805	DIODE-RECTIFIER	RU2BV1,800V,1A,DO-204AC,TP	SA
5	0403-000510	ZDI808	DIODE-ZENER	MTZJ6.2B,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000510	ZDM803	DIODE-ZENER	MTZJ6.2B,5.96-6.27V,500MW,DO-34,TP	SA
5	0403-000717	ZDI802	DIODE-ZENER	MTZJ5.1B,4.94-5.2V,500MW,DO-34,11	SA
5	0403-000720	ZDM802	DIODE-ZENER	MTZJ9.1B,8.57-9.01V,500MW,DO-34,1	SA
5	0403-000753	ZDI809	DIODE-ZENER	MTZJ27D,26.2-27.6V,500MW,DO-34,TP	SA
5	0403-001167	ZDB812	DIODE-ZENER	MTZJ30D,29.02-30.51V,500MW,DO-34,TP	SA
5	0403-001319	ZDM804	DIODE-ZENER	MTZJ4.7C,4.68-4.93V,500MW,DO-34,TP	SA
5	0403-001320	ZDM806	DIODE-ZENER	MTZJ6.2C,6.16-6.4V,500MW,DO-34,TP	SA
5	0403-001327	ZDM801	DIODE-ZENER	MTZJ18A,16.22-17.06V,500MW,DO-34,TP	SA
5	0403-001328	ZDB813	DIODE-ZENER	MTZJ22A,20.15-21.2V,500MW,DO-34,TP	SA
5	0403-001328	ZDI801	DIODE-ZENER	MTZJ22A,20.15-21.2V,500MW,DO-34,TP	SA
5	0403-001328	ZDM805	DIODE-ZENER	MTZJ22A,20.15-21.2V,500MW,DO-34,TP	SA
5	0404-001056	DB814	DIODE-SCHOTTKY	RK16,60V,1500MA,DO-204AC,TP	SA
5	0406-001007	ZDB814	DIODE-TVS	P6KE180A,171/180/189V,600W,CAS	SA
5	0406-001062	ZDB816	DIODE-TVS	P6KE200A,190/200/210V,600W,CAS	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	0406-001106	ZDB815	DIODE-TVS	P6KE300A,285/-315V,600W,DO-204AC	SA
5	0501-000369	QB811	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	SA
5	0501-000369	QI807	TR-SMALL SIGNAL	KSC2331-Y,NPN,1000mW,TO-92L,TP,120-240	SA
5	0501-000389	QI810	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	0501-000389	QM801	TR-SMALL SIGNAL	KSC815,NPN,400mW,TO-92,TP,120-240	SA
5	1203-001217	ZDT801	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	SA
5	1203-001217	ZDT803	IC-POSI.ADJUST REG.	431,TO-92,3P,4.58MIL,PLASTIC,2	SA
5	1405-000187	VX811S	VARISTOR	750V,1250A,12.5x7mm,TP	SA
5	2001-000037	RM824	R-CARBON(S)	330OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000066	RM822	R-CARBON(S)	10KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-000241	RM815	R-CARBON	1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000273	RI808	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000273	RI810	R-CARBON	100KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000302	RI807	R-CARBON	10OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000472	RI818	R-CARBON	2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000522	RI830	R-CARBON	22KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000577	RM812	R-CARBON	2KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000591	RB815	R-CARBON	3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000660	RI827	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000660	RM817	R-CARBON	33KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	RI831	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000734	RI835	R-CARBON	4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000745	RI802	R-CARBON	4.7OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000780	RI820	R-CARBON	470OHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-000786	RI801	R-CARBON	47KOHM,5%,1/8W,AA,TP,1.8X3.2MM	SA
5	2001-001050	RM819	R-CARBON(S)	1.5KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001072	RB814	R-CARBON(S)	12OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001078	RI804	R-CARBON(S)	15KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RI821	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RI832	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RI837	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RM813	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001088	RM816	R-CARBON(S)	1KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001093	RM818	R-CARBON(S)	2.2KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001096	RI805	R-CARBON(S)	2.2OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001097	RM811	R-CARBON(S)	2.4KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001116	RI809	R-CARBON(S)	27OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001131	RM806	R-CARBON(S)	33KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001152	RM827	R-CARBON(S)	47KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001153	RI817	R-CARBON(S)	47OHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001168	RI803	R-CARBON(S)	6.8KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001174	RM801	R-CARBON	62KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001174	RM802	R-CARBON	62KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001174	RM803	R-CARBON	62KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001174	RM804	R-CARBON	62KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2001-001174	RM805	R-CARBON	62KOHM,5%,1/2W,AA,TP,2.4X6.4MM	SA
5	2002-001010	RX811S	R-COMPOSITION	1.8Mohm,5%,1/2W,AA,TP,3.7x9mm	SA
5	2002-001012	RY801S	R-COMPOSITION	8.2Mohm,5%,1/2W,AA,TP,3.7x9mm	SA
5	2003-000586	RM807	R-METAL OXIDE(S)	22Kohm,5%,2W,AF,TP,4x12mm	SA
5	2003-000586	RM808	R-METAL OXIDE(S)	22Kohm,5%,2W,AF,TP,4x12mm	SA
5	2003-000586	RM809	R-METAL OXIDE(S)	22Kohm,5%,2W,AF,TP,4x12mm	SA
5	2003-000586	RM810	R-METAL OXIDE(S)	22Kohm,5%,2W,AF,TP,4x12mm	SA
5	2003-001023	RM820	R-METAL OXIDE(S)	120ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2003-002071	RM821	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2003-002071	RM823	R-METAL OXIDE	560ohm,5%,2W,AF,TP,3.9x10mm	SA
5	2003-002239	RB811	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2003-002239	RP843	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2003-002239	RP844	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2003-002239	RP845	R-METAL OXIDE(S)	100KOHM,5%,2W,AF,TP,3.9X10MM	SA
5	2004-000216	RI826	R-METAL	10Kohm,1%,1/4W,AA,TP,2.4x6.4mm	SA
5	2004-001379	RI819	R-METAL(S)	12Kohm,1%,1/2W,AA,TP,2.4x6.4mm	SA
5	2004-001983	RI828	R-METAL(S)	2.49Kohm,1%,1/2W,AA,TP,2.4x6.4	SA
5	2008-000205	RB812	R-FUSIBLE(S)	10ohm,5%,1/2W,AF,TP,2.5x6.5mm	SA
5	2008-000205	RM814	R-FUSIBLE(S)	10ohm,5%,1/2W,AF,TP,2.5x6.5mm	SA
5	2008-000206	RM826	R-FUSIBLE(S)	1ohm,5%,1/2W,AF,TP,2.5x6.5mm	SA
5	2008-001163	FD801S	R-PICO FUSIBLE	10mohm,20%,1W,AA,TP,2.3x6.5mm	SA
5	2008-001163	FD802S	R-PICO FUSIBLE	10mohm,20%,1W,AA,TP,2.3x6.5mm	SA
5	2009-000026	RM825	R-METAL PLATE	0.15OHM,10%,5W,CL,TP,5X14X18MM	SA
5	2103-000670	VRM801	VR-SEMI	1Kohm,25%,1/5W,TOP	SA
5	2201-000012	CI808	C-CERAMIC,DISC	0.22nF,10%,1000V,Y5P,-,6.3x5mm,5	SA
5	2201-000014	CB807	C-CERAMIC,DISC	0.33NF,10%,1KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000119	CM809	C-CERAMIC,DISC	100NF,+80-20%,50V,Y5V,TP,8X3MM,5	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2201-000129	CI802	C-CERAMIC,DISC	0.1NF,10%,1KV,Y5P,TP,7X4MM,5	SA
5	2201-000131	CM802	C-CERAMIC,DISC	0.1NF,10%,2KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000131	CM803	C-CERAMIC,DISC	0.1NF,10%,2KV,Y5P,TP,6.3X5MM,5	SA
5	2201-000146	CM805	C-CERAMIC,DISC	0.1NF,5%,50V,SL,TP,5X3.5MM,5	SA
5	2201-000146	CM808	C-CERAMIC,DISC	0.1NF,5%,50V,SL,TP,5X3.5MM,5	SA
5	2201-000315	CP801	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2201-000315	CP802	C-CERAMIC,DISC	2.2NF,+80-20%,250V,Y5U,TP,10X6MM,7.5	SA
5	2201-000376	CI820	C-CERAMIC,DISC	0.22NF,5%,50V,SL,TP,6.3X3.5MM,5	SA
5	2201-000376	CM825	C-CERAMIC,DISC	0.22NF,5%,50V,SL,TP,6.3X3.5MM,5	SA
5	2201-000556	CB810	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CM814	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CM815	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-000556	CM816	C-CERAMIC,DISC	0.47NF,10%,500V,Y5P,TP,5.5X3MM,5	SA
5	2201-002026	CY803S	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	SA
5	2201-002026	CY811S	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	SA
5	2201-002026	CY812S	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	SA
5	2201-002026	CY813S	C-CERAMIC,DISC	1NF,20%,400V,Y5P,TP,11X6MM,7.5	SA
5	2301-000356	CB814	C-FILM,LEAD-PEF	47nF,5%,50V,TP,7.5x4.0x6.5,5mm	SA
5	2301-001158	CI805	C-FILM,LEAD-PPF	1nF,5%,800V,TP,15x12x5.5,7.5	SA
5	2301-001396	CI801	C-FILM,LEAD-PEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	SA
5	2301-001396	CM821	C-FILM,LEAD-PEF	100nF,10%,630V,TP,18x6.5x13mm,7.5	SA
5	2301-001742	CI811	C-FILM,LEAD	22nF,+5%,1600V,TP,19x17x10mm,-	SA
5	2303-000122	CM801	C-FILM,LEAD-PEF	10nF,5%,630V,TP,19x12.5mm,7.5m	SA
5	2305-000280	CM824	C-FILM,LEAD-PEF	220nF,10%,63V,TP,7.5x13.5mm,5m	SA
5	2305-000289	CI804	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2305-000289	CI819	C-FILM,LEAD-PEF	220nF,5%,63V,TP,-,5mm	SA
5	2305-000411	CI815	C-FILM,LEAD-PEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	SA
5	2305-000411	CM806	C-FILM,LEAD-PEF	470nF,5%,50V,TP,7.3x4.8x5.5mm,	SA
5	2305-000665	CI813	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2305-000665	CM817	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2305-000665	CM829	C-FILM,LEAD-PEF	100nF,5%,63V,TP,7.5x4.0x5.0mm,	SA
5	2306-000122	CB819	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2306-000122	CI821	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2306-000122	CI823	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2306-000122	CM812	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2306-000122	CM826	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2306-000122	CM827	C-FILM,LEAD-PPF	100nF,5%,50V,TP,7.3x4.0x5.0mm,	SA
5	2401-000142	CB817	C-AL	1000uF,20%,16V,WT,TP,10x20,5	SA
5	2401-000183	CI817	C-AL	1000uF,20%,35V,WT,TP,12.5x25,5	SA
5	2401-000481	CM804	C-AL	10uF,20%,50V,WT,TP,5x11,5	SA
5	2401-000493	CB815	C-AL	10uF,20%,50V,LZ,TP,5x11mm,5mm	SA
5	2401-000698	CM818	C-AL	2200uF,20%,16V,WT,TP,12.5x25,5	SA
5	2401-000698	CM819	C-AL	2200uF,20%,16V,WT,TP,12.5x25,5	SA
5	2401-000698	CM820	C-AL	2200uF,20%,16V,WT,TP,12.5x25,5	SA
5	2401-000733	CI818	C-AL	2200uF,20%,35V,WT,TP,16x25,7.5	SA
5	2401-000957	CB813	C-AL	22UF,20%,450V,GP,BK,16X25MM,7.5	SA
5	2401-000970	CM811	C-AL	22uF,20%,50V,WT,TP,5x11,5	SA
5	2401-001580	CM813	C-AL	47uF,20%,50V,LZ,TP,8x11.5mm,5m	SA
5	2401-003028	CI812	C-AL	100uF,20%,25V,WT,TP,6.3x11,5	SA
5	2401-003139	CM822	C-AL	1000uF,20%,25V,WT,TP,10*20,5mm	SA
5	2401-003139	CM823	C-AL	1000uF,20%,25V,WT,TP,10*20,5mm	SA
5	2401-003141	CM828	C-AL	2200uF,20%,25V,WT,TP,13x25,5mm	SA
5	2401-003141	CM830	C-AL	2200uF,20%,25V,WT,TP,13x25,5mm	SA
5	2401-003704	CM807	C-AL	1UF,±20%,100V,WT,TP,5X11MM,5	SA
5	2901-000297	LB812	FILTER-EMI ON BOARD	-,3A,-,3.5x5,TP,-	SA
5	2901-000297	LM801	FILTER-EMI ON BOARD	-,3A,-,3.5x5,TP,-	SA
5	2901-000297	LP802	FILTER-EMI ON BOARD	-,3A,-,3.5x5,TP,-	SA
5	3601-001064	FD811S	FUSE-AXIAL LEAD	125V,4A,FAST-ACTING,GLASS,2.4x7.5mm	SA
5	3602-000114	FS811A	FUSE-HOLDER	-,30mohm	SA
5	3602-000114	FS811B	FUSE-HOLDER	-,30mohm	SA
5	3812-001283	JP801	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm,-,-	SNA
5	3812-001283	JP802	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm,-,-	SNA
5	3812-001283	JP803	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm,-,-	SNA
5	3812-001283	JP804	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm,-,-	SNA
5	3812-001283	JP809	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm,-,-	SNA
5	3812-001283	JP810	WIRE-NO SHEATH CU	TCWA,300V,52mm(TAPING),1/0.6mm,-,-	SNA
5	AA60-40014A	GT811	PIN-GT,ASSY	AUTO	SNA
5	BN41-00522A	MP1.0	PCB-POWER	DUOMO 26",FR-4,2 LAYER,A,1.6T,245*197	SNA
4	BP96-00630A	D801S	ASSY HEAT SINK P	BN62-00012A,SCREW,D5SB60,OIL SILICON,WASHER	SNA
5	0402-001160	H/S	DIODE-BRIDGE	D5SB60,600V,6A,SIP-4,ST	SA
5	6003-000333	H/S	SCREW-TAPTITE	RH,+,2S,M3,L10,ZPC(YEL),SWRCH1	SA
5	AA60-30003A	H/S	WASHER	T1.5,SBHG-1	SNA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	BN62-00012A	H/S	HEAT SINK-ES	DUOMO,A6063,2.0,20,40	SNA
4	BP96-00631B	IC805S	ASSY HEAT SINK P	BN62-00012B,SCREW,IRFB20N50K(2),OIL SILICON,BRACKET-IC	SNA
5	6003-000333	H/S	SCREW-TAPTITE	RH,+,2S,M3,L10,ZPC(YEL),SWRCH1	SNA
5	BN61-01056A	H/S	BRACKET-IC	SPD-50P4,SECC,T1.0	SNA
5	BN62-00012B	H/S	HEAT SINK-ES	DUOMO,A6063,2.0,20,50	SNA
4	BP96-00632A	IC804S	ASSY HEAT SINK P	BN62-00012C,SPRING,STR-W6765,OIL SILICON	SNA
5	BH61-00004A	H/S	SPRING ETC-TR	CDA,CDB,SUS304,-,-,-,-,-,T0.5,-,-,-	SNA
5	BN13-00006A	H/S	IC HYBRID	STR-W6765,DU32EO,6,-20 to +115,TO-220(FORMING),18.2V,ST	SNA
5	BN62-00012C	H/S	HEAT SINK-ES	DUOMO,A6063,2.0,20,50	SNA
4	BP96-00633A	DM808	ASSY HEAT SINK P	BN62-00012D,SCREW,FML-G12S(2),GMR40H100CTBF3,OIL SILICON	SNA
5	0402-000233	H/S	DIODE-RECTIFIER	FML-G12S,200V,5A,-,-	SA
5	0404-001253	H/S	DIODE-SCHOTTKY	GMR40H100CTBF3,100V,40000mA,TO-220FPAB,ST	SA
5	6003-000333	H/S	SCREW-TAPTITE	RH,+,2S,M3,L10,ZPC(YEL),SWRCH1	SNA
5	BN62-00012D	H/S	HEAT SINK-ES	DUOMO,A6063,2.0,20,60	SNA
4	BP96-00633B	DI810	ASSY HEAT SINK P	BN62-00012D,SCREW,MBRF10100CT(2),OIL SILICON	SNA
5	0402-001383	H/S	DIODE-RECTIFIER	MBRF10100CT,100V,10A,ITO-220,ST	SA
5	6003-000333	H/S	SCREW-TAPTITE	RH,+,2S,M3,L10,ZPC(YEL),SWRCH1	SNA
5	BN62-00012D	H/S	HEAT SINK-ES	DUOMO,A6063,2.0,20,60	SNA
3	BN94-00629R	-	ASSY PCB MAIN	NEW	SNA
4	0204-002420	CIS3	SOLVENT	1M-1000,C3H7OH,96,-,-	SNA
4	0204-002426	CIS4	FLUX	DF-201TVS,MIX,0.820,FLUX 13%, 14KG,-	SNA
4	3701-001294	JA751	CONNECTOR-DSUB	15P,3R,FEMALE,STRAIGHT,AUF	SA
4	3705-001329	JA901	CONNECTOR-COAXIAL	NT(F),ADAPTOR,-,75ohm,-	SA
4	3711-000024	CN914	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
4	3711-000057	CN802	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,ANGLE,SN	SA
4	3711-003942	CN622	CONNECTOR-HEADER	BOX,2P,1R,2mm,STRAIGHT,SN	SA
4	3711-004068	CN815	CONNECTOR-HEADER	BOX,5P,1R,2MM,ANGLE,SN,WHT	SA
4	3711-004122	CN801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
4	3711-004349	CN621	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN	SA
4	3711-004386	CN702	CONNECTOR-HEADER	BOX,3P,1R,2mm,ANGLE,SN	SA
4	3711-004484	TEST4	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
4	3722-001061	JA752	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA781	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA782	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001061	JA785	JACK-PHONE	1P,3.6PI,AG,BLK,N	SA
4	3722-001734	JA771	JACK-VHS	4P,-,SN,BLK,-	SA
4	3722-001903	JA712	JACK-PIN	2P,-,AU,WHT/RED,-	SA
4	3722-001903	JA784	JACK-PIN	2P,-,AU,WHT/RED,-	SA
4	3722-002063	JA713_NT	JACK-PIN	3P,AU,YEL/WHT/RED,STRAIGHT	SA
4	3722-002063	JA761	JACK-PIN	3P,AU,YEL/WHT/RED,STRAIGHT	SA
4	3722-002143	JA731_NT	JACK-PIN	5P,NI,GRN/BLU/RED/WHT/RED,STRAIGHT	SA
4	3722-002143	JA732_NT	JACK-PIN	5P,NI,GRN/BLU/RED/WHT/RED,STRAIGHT	SA
4	BN40-00050A	TU110	TUNER	TMQH6-003B,PDP-NELSON,NTSC,181CH,45.75MHz,2.5V,75 ohm,75 ohm,PHONE,ASYMM,5V,TR,5	SA
4	BN61-01521A	X701	SUPPORT-PCB	ROME,SPTE,T0.5,L11.0	SA
4	BN61-01521A	X702	SUPPORT-PCB	ROME,SPTE,T0.5,L11.0	SA
4	BN61-01521A	X703	SUPPORT-PCB	ROME,SPTE,T0.5,L11.0	SA
4	BN97-00513A	-	ASSY SMD	ROME*	SNA
5	0401-001056	D101	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7102	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7103	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7104	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7105	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7113	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D7114	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D719	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D722	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D741	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D742	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D791_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D792_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D793_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D794_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D795_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D796_NT	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D950	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D951	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D952	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D953	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D954	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D955	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D956	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
5	0401-001056	D957	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	0402-000553	D812	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
5	0403-000258	D617	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D620	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D621	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000258	D901	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
5	0403-000620	D3701	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D769	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D770	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D771	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D961	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D962	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D970	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D971	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D972	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D973	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D974	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000620	D975	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
5	0403-000746	D210	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D211	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D212	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D213	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D214	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D215	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D216	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-000746	D217	DIODE-ZENER	RLZ3.9B,3.89-4.16V,500MW,LL-34,TP	SA
5	0403-001016	D725	DIODE-ZENER	RLZ6.2B,5.96-6.27V,500MW,LL-34,TP	SA
5	0403-001052	D702	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D704	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D706	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D708	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7108	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7109	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7110	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7111	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7112	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D717	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D718	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D720	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D721	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D723	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D724	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7301	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D736_NT	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D743	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D744	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D745	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D746	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D748	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D749_NT	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D750	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D751	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D752	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7551	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7552	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D7553	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D756	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D758	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D759	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D761	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D763	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D764	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D765	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D766	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D767	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D772	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D773	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D774	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D775	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D776	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D777	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D778	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D779	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	0403-001052	D780	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D781	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D782	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D958	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D959	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001052	D960	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
5	0403-001425	D102	DIODE-ZENER	BZX84C33,31-35V,350MW,SOT-23,TP	SA
5	0406-001172	D7302	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7303	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7304	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0406-001172	D7305	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
5	0407-000123	D622	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D911	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D912	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D963	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D964	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0407-000123	D976	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
5	0501-000342	Q100	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q211	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q221	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q608	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q611	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q612	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q615	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q630	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q631	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q632	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q633	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q634	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q635	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q918	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q930	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q931	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q952	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-000342	Q970	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
5	0501-002080	Q215	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q216	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q610	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q620	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q801	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q802	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q803	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q910	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0501-002080	Q911	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
5	0801-002267	IC904	IC-CMOS LOGIC	74LCX14,-,SOIC,14P,150MIL,-,TP,-,-,3.6V,-40TO+85C,-,5.5V,-,-,24MA	SA
5	0903-001362	IC901	IC-MICROCOMPUTER	M30620SPGP,16BIT,LQFP,100P,14.0X14.0,24MHZ,TP,-,-,5V,300,-20TO+85C,10KB,-,19BIT,	SNA
5	1001-000164	IC605	IC-ANALOG MULTIPLEX	74HC4052,CMOS,SOP,16P,150MIL,S	SA
5	1001-001109	IC913	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-40TO+85C,PLASTIC,-,4.0OHM,5	SA
5	1001-001211	IC203	IC-ANALOG MULTIPLEX	MM74HC4052MTC,DUALMUX4-CHANNEL,TSSOP,16P,173MIL,DUAL 4-CHANNEL,6V,-40TO+85C,PLA	SA
5	1002-001398	IC312	IC-A/D CONVERTER	MST9883CR-110,24BIT(8x3),LQFP,80P,14x14mm,+0.5LSB,TR,-,PLASTIC,3.3V,-20to+80C,	SA
5	1006-001076	IC931	IC-DRIVER/RECEIVER	MAX232ECWE+T,SOP,16P,300MIL,DUAL,ST,PLASTIC,6V,-,0to+70C,762mW,2,-,2.0,4/3.5V,-	SA
5	1103-000129	IC710	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1103-000129	IC712	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
5	1103-001279	IC910	IC-EEPROM	24C32,4Kx8,SOP,8P,5x4mm,2.5/5.5V,-40to+85C	SA
5	1105-001533	IC202	IC-DRAM	EM6A9320BI-4,4Mx32Bit,FBGA,144P,12x12mm,4nS,2.5V,5%,-,0to+70C,100mA,-,TR	SA
5	1106-001476	IC907	IC-SRAM	K6X1008C2D,128Kx8Bit,TSSOP,32P,18.4x8.4mm,55nS,5V,4.5-5.5V,-,40to+85C,15uA,-,TP	SA
5	1201-000166	IC204	IC-OP AMP	LM358,SOP,ST,8P,150MIL,DUAL,100V/MV,PLASTIC,32V,500MW,0TO+70C,70DB,0.6V/US,5NA,-	SA
5	1201-001495	IC615	IC-AUDIO AMP	7050,SOP,8P,150MIL,DUAL,26DB,PLASTIC,6V,0.25W,-,40DB,-,-,20NA,-	SA
5	1201-002119	IC611	IC-AUDIO AMP	TPA3004D2,HTQFP,48P,7x7mm,-,PLASTIC,18V,4.3W,-40to+85C,-,-,120mA,-,TR	SA
5	1203-001109	IC616	IC-VOL. DETECTOR	7045,SOT-89,3P,-,PLASTIC,4.3/4	SA
5	1203-001559	IC905	IC-RESET	DS1834A,SOIC,8P,150MIL,PLASTIC,-,-,40to+85C,-,-,TP	SA
5	1203-001815	IC803	IC-POSI.FIXED REG.	78M09,TO-252,3P,-,PLASTIC,8.6/9.4V,1.0W,-40TO+85C,0.5A,-,TP	SA
5	1203-001816	IC802	IC-POSI.FIXED REG.	78M08,TO-252,3P,-,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,-,TP	SA
5	1203-001824	IC920	IC-VOL. DETECTOR	7042,SOT-89,3P,-,PLASTIC,4.05V/4.35V,500MW,-30TO+75C,20MA,-,TP	SA
5	1203-002708	IC3011	IC-POSI.FIXED REG.	1085,TO-263,3P,340MIL,PLASTIC,3.27/3.33V,-,40TO+125C,3A,-,TP	SA
5	1203-002842	IC811	IC-POSI.FIXED REG.	AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP	SA
5	1203-002842	IC812	IC-POSI.FIXED REG.	AP1117D-33A,TO-252,3P,6.7X5.6MM,PLASTIC,3.235/3.365V,-,0TO+150C,1A,-,TP	SA
5	1203-002844	IC814	IC-POSI.FIXED REG.	AP1117D-18A,TO-252-3L,3P,6.7X5.6MM,PLASTIC,1.764/1.836V,-,0TO+150C,1A,-,TP	SA
5	1203-002855	IC801	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002855	IC804	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002855	IC813	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPRK,3P,257MIL,PLASTIC,4.95/5.05V,-,40to+150C,800mA,1.235/1.265V	SA
5	1203-002974	IC808	IC-POSI.FIXED REG.	AP1117D-25A,TO-252,3P,6.7x5.6mm,PLASTIC,2.45/2.55V,-,0to+150C,1A,-,TP	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	1203-003059	IC807	IC-SWITCH VOL. REG.	MP1583,SOIC,8P,4,9x3.9mm,PLASTIC,1.22/21V,-40to+85CC,3A,1.194/1.25V,TP	SA
5	1204-002179	IC610	IC-SOUND PROCESSOR	MSP440G_QA_C12_500,PQFP,80P,20x14mm,PLASTIC,8.7V,1W,0to+70C,TR,IC-SOUND PROCESS	SA
5	1204-002352	IC201	IC-VIDEO PROCESS	SVP-EX52-7052,PQFP,256P,28x28mm,PLASTIC,3.45V,-0to+70C,TR,3D Comb VideoDecoder	SA
5	1205-002383	IC311	IC-RECEIVER	SI9993CT100,TQFP,100P,14x14mm,PLASTIC,3.6V,-0to+70C,TR,IC-RECEIVER	SA
5	2007-000043	R229	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000043	R230	R-CHIP	1Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R2357	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R919	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9401	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9405	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9406_NT	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R963	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R964	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R965	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R966	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9661	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000052	R9662	R-CHIP	10Kohm,1%,1/10W,TP,1608	SA
5	2007-000060	R121	R-CHIP	100Kohm,1%,1/10W,TP,1608	SA
5	2007-000070	R2008_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R207	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R214	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R215_OP	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R216	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R221	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R222	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R223	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R236	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R237	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R239	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R240	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R241	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R245	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R247	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R248	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R280	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R281	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R282	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R283	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R331	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R332	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R333	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R375	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R376	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R377	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R378	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R640	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R645	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R646	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R650	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R651	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R652	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R655	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R681	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R686	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R688	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7135_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7139_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7141_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7606_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7607_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7608	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7622_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R7623_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R772	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9124	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9125	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9126_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9129	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R918	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9203_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9204_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9205_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000070	R9206_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9207	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9208_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9209	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9215	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9217	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9218	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R923	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9330	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R934	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R935	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9403	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9404_NT	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R960	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9664	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R9665	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R994	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R995	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R996	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000070	R997	R-CHIP	0ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R201	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R2013	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R2015	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R202	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R203	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R206	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R208	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R209	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R210	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R212	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R337	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R754	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R758	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R770	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R771	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000071	R9673	R-CHIP	22ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R100	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R101	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R340	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R345	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R347	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R349	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R350	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R351	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R616	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R617	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R761	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R7610	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R7611	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R762	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R782	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R783	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R982	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R983	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R984	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R985	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5	2007-000072	R986	R-CHIP	47ohm,5%,1/10W,TP,1608	SA
5					

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000074	R628	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R629	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R630	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R631	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7110_NT	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7120	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R727_NT	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R738	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R745	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R757	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7590	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7613	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7614	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7619	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R7630	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R781	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9119	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9120	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9122	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9123	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R931	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R932	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R936	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R937	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R940	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R941	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R953	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R954	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R955	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R962	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9668	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R9669	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R967	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R968	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R969	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R974	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R975	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R976	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R990	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R991	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R992	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000074	R993	R-CHIP	100ohm,5%,1/10W,TP,1608	SA
5	2007-000076	R190	R-CHIP	330ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R1246	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R2358	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R355	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R356	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R357	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7130_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7131_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R729_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R730_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7488	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7490	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7582	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7588	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7620_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R7621_NT	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R765	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R766	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R793	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R794	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000077	R9663	R-CHIP	470ohm,5%,1/10W,TP,1608	SA
5	2007-000078	R131_OP	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R211	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R258	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R259	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R323	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R615	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R626	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R627	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R6402	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000078	R6404	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R692	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R696	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R767	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R924	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R9666	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000078	R9667	R-CHIP	1Kohm,5%,1/10W,TP,1608	SA
5	2007-000079	R204	R-CHIP	1.8Kohm,5%,1/10W,TP,1608	SA
5	2007-000079	R205	R-CHIP	1.8Kohm,5%,1/10W,TP,1608	SA
5	2007-000080	R693	R-CHIP	2Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R224	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R242	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R244	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R338	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R922	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R925	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R926	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R927	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R928	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R938	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R939	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R945	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R946	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R9671	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000082	R9672	R-CHIP	3.3Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R225	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R2356	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R238	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R256	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R257	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R321	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R336	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R339	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R342	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R343	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R619	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R632	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R657	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R810	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9118	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9132	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R917	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9187	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9213	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9222	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9224	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9231	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9232	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9234	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9235	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9238	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R929	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9332	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9335	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9336	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9402	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R942	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R943	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R944	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R9670	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R988	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000084	R989	R-CHIP	4.7Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R233	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R620	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R623	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R639	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R641	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R642	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R649	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R690	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R691	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R759	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000090	R760	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R7609	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R7612	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R763	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R802	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R803	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R804	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R805	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R812	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R8877	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R901	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R913	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9131	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9133	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9135	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R9211	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000090	R957	R-CHIP	10Kohm,5%,1/10W,TP,1608	SA
5	2007-000091	R679	R-CHIP	12Kohm,5%,1/10W,TP,1608	SA
5	2007-000091	R860	R-CHIP	12Kohm,5%,1/10W,TP,1608	SA
5	2007-000093	R621	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000093	R622	R-CHIP	20Kohm,5%,1/10W,TP,1608	SA
5	2007-000094	R191	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000094	R9337	R-CHIP	22Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R633	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R634	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R635	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R638	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000097	R9114	R-CHIP	47Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R175	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R636	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R637	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R801	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R806	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R861	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000102	R9675	R-CHIP	100Kohm,5%,1/10W,TP,1608	SA
5	2007-000103	R653	R-CHIP	120Kohm,5%,1/10W,TP,1608	SA
5	2007-000106	R105	R-CHIP	220Kohm,5%,1/10W,TP,1608	SA
5	2007-000106	R120	R-CHIP	220Kohm,5%,1/10W,TP,1608	SA
5	2007-000115	R104	R-CHIP	82ohm,5%,1/10W,TP,1608	SA
5	2007-000123	R811	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9111	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9112	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9113	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9115	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9116	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000123	R9117	R-CHIP	1.5Kohm,5%,1/10W,TP,1608	SA
5	2007-000125	R335	R-CHIP	3.9Kohm,5%,1/10W,TP,1608	SA
5	2007-000129	R647	R-CHIP	27Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R262	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R263	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R264	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R265	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R266	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R267	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R268	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R269	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R601	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R602	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R603	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R604	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R605	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R606	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R607	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R608	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R609	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R610	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R611	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R612	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R643_OP	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R644_OP	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R670	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R671	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-000134	R672	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000134	R673	R-CHIP	33Kohm,5%,1/10W,TP,1608	SA
5	2007-000293	R7132	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R7133	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R7134	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R721	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R722	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R726_NT	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R728_NT	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000293	R731_NT	R-CHIP	100ohm,5%,1/4W,TP,3216	SA
5	2007-000309	R3111	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7309	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7310	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7311	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7312	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7313	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7314	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7315	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R7316	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9100	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9101	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9102	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9103	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9105	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9106	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9128	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9331	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9501_OP	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R9502_OP	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R951	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R952	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R956	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R970	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R971	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R972	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R973	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R977	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R978	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R979	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R981	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R998	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	R999	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000309	RA920	R-CHIP	10ohm,5%,1/10W,TP,1608	SA
5	2007-000458	R694	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	R746	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000458	R920	R-CHIP	18Kohm,5%,1/10W,TP,1608	SA
5	2007-000779	R328	R-CHIP	33ohm,1%,1/10W,TP,1608	SA
5	2007-000779	R330	R-CHIP	33ohm,1%,1/10W,TP,1608	SA
5	2007-000821	R327	R-CHIP	390ohm,1%,1/10W,TP,1608	SA
5	2007-000882	R624	R-CHIP	4.7ohm,5%,1/10W,TP,1608	SA
5	2007-000882	R625	R-CHIP	4.7ohm,5%,1/10W,TP,1608	SA
5	2007-001014	R231	R-CHIP	51OHM,5%,1/10W,DA,TP,1608	SA
5	2007-001014	R232	R-CHIP	51OHM,5%,1/10W,DA,TP,1608	SA
5	2007-001068	R858	R-CHIP	6.8Kohm,1%,1/10W,TP,1608	SA
5	2007-001139	R921	R-CHIP	7.5Kohm,1%,1/10W,TP,1608	SA
5	2007-001164	C7790	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R103	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R720	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R744	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7581	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7583	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7584	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7591	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7592	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7788	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001164	R7789	R-CHIP	75ohm,1%,1/10W,TP,1608	SA
5	2007-001167	R352	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R353	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R354	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R751	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R752	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R753	R-CHIP	75ohm,5%,1/10W,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2007-001167	R755	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2007-001167	R756	R-CHIP	75ohm,5%,1/10W,TP,1608	SA
5	2011-000002	IC2019	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2015	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2016	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2017	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2018	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2020	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2021	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000002	RA2022	R-NET	22OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000515	RA933	R-NET	4.7Kohm,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000515	RA934	R-NET	4.7Kohm,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA323	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA324	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA325	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA326	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA327	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA328	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA329	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000585	RA330	R-NET	47OHM,5%,1/16W,L,CHIP,8P,TP	SA
5	2011-000651	RA316	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA317	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA318	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA319	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA320	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA321	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA322	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA913	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA914	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA915	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA916	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA917	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-000651	RA919	R-NET	10OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA910	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA911	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA912	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA922	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA923	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA924	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA925	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA926	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA927	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA928	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA929	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA930	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA931	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2011-001093	RA932	R-NET	100OHM,5%,1/16W,L,CHIP,8P,TP,3216	SA
5	2203-000041	C990	C-CER,CHIP	0.01NF,0.25PF,50V,COG,TP,1608	SA
5	2203-000140	C622	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000140	C646	C-CER,CHIP	1.5nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000189	C120	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2061	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2065	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2102	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2104	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C2106	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C236	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C240	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C241	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C242	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C243	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C244	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C245	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C246	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C247	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C248	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C249	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C25026	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C252	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C253	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C254	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA
5	2203-000189	C255	C-CER,CHIP	100nF,+80-20%,25V,Y5V,TP,1608,	SA

[illegible]

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-000236	C387	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C5132	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C702	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C704	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C731	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C733	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C734	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000236	C735	C-CER,CHIP	0.1nF,5%,50V,C0G,1608	SA
5	2203-000257	C102	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C106	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C213	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C214	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C215	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C216	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C217	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C223	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C226	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C2301	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C388	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C803	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C806	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C809	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C812	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C819	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C838	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C854	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C869	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C932	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C934	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C936	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C937	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000257	C940	C-CER,CHIP	10nF,10%,50V,X7R,1608	SA
5	2203-000405	C850	C-CER,CHIP	0.18nF,5%,50V,C0G,TP,1608	SA
5	2203-000440	C25016	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C25017	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C25018	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C25019	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C341	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C350	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C351	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C354	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C355	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C381	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C386	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C635	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C636	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C901	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C903	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C906	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C9548	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000440	C9549	C-CER,CHIP	1nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000491	C109	C-CER,CHIP	2.2nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000552	C238	C-CER,CHIP	0.02nF,5%,50V,C0G,TP,1608	SA
5	2203-000552	C239	C-CER,CHIP	0.02nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C919	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C920	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C929	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000626	C930	C-CER,CHIP	0.022nF,5%,50V,C0G,TP,1608	SA
5	2203-000715	C8822	C-CER,CHIP	3.3nF,10%,50V,X7R,TP,1608,-	SA
5	2203-000783	C712	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C713	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C739	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C742	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7420	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7422	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C743	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C744	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C749	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C750	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C7579	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	C760	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA
5	2203-000783	D747	C-CER,CHIP	0.33nF,5%,50V,C0G,TP,1608	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-000815	C921	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608	SA
5	2203-000815	C922	C-CER,CHIP	0.033NF,5%,50V,C0G,TP,1608	SA
5	2203-000838	C333	C-CER,CHIP	0.39NF,5%,50V,C0G,TP,1608	SA
5	2203-000843	C332	C-CER,CHIP	39nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000872	C627	C-CER,CHIP	0.003NF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000872	C628	C-CER,CHIP	0.003NF,0.25PF,50V,C0G,TP,1608	SA
5	2203-000888	C110	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C218	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C219	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C324	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C335	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C633	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000888	C634	C-CER,CHIP	4.7nF,10%,50V,X7R,TP,1608	SA
5	2203-000972	C107	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000972	C620	C-CER,CHIP	47nF,10%,16V,X7R,TP,1608	SA
5	2203-000975	C370	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C667	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C668	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C681	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000975	C685	C-CER,CHIP	47nF,10%,25V,X7R,TP,1608,-	SA
5	2203-000998	C118	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-000998	C119	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-000998	C935	C-CER,CHIP	0.047NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C624	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C625	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001071	C626	C-CER,CHIP	0.056NF,5%,50V,C0G,TP,1608	SA
5	2203-001391	C664	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C665	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C682	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001391	C684	C-CER,CHIP	150nF,10%,25V,X7R,TP,2012,-	SA
5	2203-001607	C108	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2203-001607	C675	C-CER,CHIP	0.22nF,5%,50V,NP0,-,1608	SA
5	2203-001630	C657	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001630	C658	C-CER,CHIP	330nF,+80-20%,16V,Y5V,TP,1608	SA
5	2203-001656	C623	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-001656	C644	C-CER,CHIP	0.47nF,5%,50V,NP0,TP,1608	SA
5	2203-005005	C100	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C105	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C113	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C2107	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C211	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C212	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C221	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C222	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C228	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C230	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C231	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C232	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C25025	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C321	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C322	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C325	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C327	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C328	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C329	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C330	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C334	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C336	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C337	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C338	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C339	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C340	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C342	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C343	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C346	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C347	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C348	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C361	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C609	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C632	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C647	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C679	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2203-005005	C816	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C823	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C825	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C837	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C840	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C842	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C848	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C860	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C862	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C864	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C866	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C871	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C873	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C874	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C881	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C883	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C918	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C941	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C942	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C960	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C964	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C967	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C991	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C992	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C993	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C994	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005005	C995	C-CER,CHIP	100nF,10%,16V,X7R,TP,1608	SA
5	2203-005030	C666	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005030	C683	C-CER,CHIP	470nF,+80-20%,50V,Y5V,TP,3216	SA
5	2203-005065	C2049	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C235	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C237	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C638	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C639	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C674	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C678	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C680	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C689	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C690	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C691	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C692	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C693	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C826	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C827	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C876	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005065	C928	C-CER,CHIP	1000nF,+80-20%,10V,Y5V,-,1608	SA
5	2203-005437	C371	C-CER,CHIP	10000nF,+80-20%,10V,Y5V,TP,3216	SA
5	2402-000108	C738	C-AL,SMD	10uF,20%,16V,WT,TP,4.3x4.3x5.4	SA
5	2402-001081	C670	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C677	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C688	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C801	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C817	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001081	C836	C-AL,SMD	100uF,20%,25V,WT,TP,8.3x8.3x10	SA
5	2402-001100	C224	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2402-001100	C225	C-AL,SMD	0.1uF,20%,50V,GP,TP,4.3x4.3x5.2mm	SA
5	2402-001128	C101	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C210	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C220	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C345	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C391	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C648	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C660	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C804	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C807	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C865	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001128	C867	C-AL,SMD	100UF,20%,16V,WT,TP,6.3X5.7MM	SA
5	2402-001129	C619	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2402-001129	C655	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2402-001129	C938	C-AL,SMD	47UF,20%,16V,WT,TP,6.3X5.2MM	SA
5	2402-001145	C25027	C-AL,CHIP	47UF,20%,50V,GP,TP,6.3X7.7MM	SA
5	2402-001178	C2060	C-AL,SMD	10UF,20%,16V,WT,TP,4.3X4.3X5.8MM	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2402-001178	C2064	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C2100	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C2101	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C2103	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C2105	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C2109	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C2110	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C2111	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C229	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C233	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C234	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C250	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C25015	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C25024	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C251	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C257	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C273	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C274	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C275	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C276	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C278	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C280	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C282	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C297	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C390	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C601	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C602	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C603	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C604	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C605	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C606	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C607	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C608	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C6105	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C611	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C612	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C6120	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C629	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C631	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C645	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C650	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C651	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C652	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C653	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C7766	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C839	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C910	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C923	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C933	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C9540	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C9543	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C961	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C965	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001178	C966	C-AL,SMD	10UF,20%,16V,WVT,TP,4.3X4.3X5.8MM	SA
5	2402-001183	C103	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C112	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C2108	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C227	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C284	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C320	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C326	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C352	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C358	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C382	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C384	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C610	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C621	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C656	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C659	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C813	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C815	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA
5	2402-001183	C821	C-AL,SMD	22UF,20%,16V,WVT,TP,5.3X5.3X6MM	SA

## 7 Electrical Parts List

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2402-001183	C822	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C824	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C853	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C855	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C861	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C863	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C870	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C872	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C875	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C880	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C882	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C931	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001183	C996	C-AL,SMD	22UF,20%,16V,WT,TP,5.3X5.3X6MM	SA
5	2402-001226	C6104	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C613	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C614	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C615	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C616	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C617	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001226	C618	C-AL,SMD	4.7UF,20%,35V,HR,TP,4.3X4.3X5.8MM	SA
5	2402-001238	C104	C-AL,SMD	1UF,20%,50V,HR,TP,4.3X4.3X5.2MM	SA
5	2402-001257	C111	C-AL,SMD	470uF,20%,16V,-,TP,8.3*10	SA
5	2402-001257	C7767	C-AL,SMD	470uF,20%,16V,-,TP,8.3*10	SA
5	2409-001029	C847	C-ORGANIC	120uF,20%,6.3V,WT,TP,10.3x10.3x10.3mm,9	SA
5	2503-001018	CA392	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA393	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA394	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA395	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA396	C-NETWORK	15PFX4,10%,50V,-	SA
5	2503-001018	CA397	C-NETWORK	15PFX4,10%,50V,-	SA
5	2703-000274	BD919	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2201	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2612	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000274	L2613	INDUCTOR-SMD	2.2uH,10%,2012	SA
5	2703-000398	BD313	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	BD315	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	BD615	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L102	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L610	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L611	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L612	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L620	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L621	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L712	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L713	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L719	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L721	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L722	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L723	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L724	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L725	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L727	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L728	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L732	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L733	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L735	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L737	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L740	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L741	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L7565	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L910	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L914	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L915	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000398	L916	INDUCTOR-SMD	10uH,10%,3225	SA
5	2703-000417	L112	INDUCTOR-SMD	220uH,5%,3225	SA
5	2703-001426	L103	INDUCTOR-SMD	680uH,20%,7070	SA
5	2703-001778	BD316	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L709	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-001778	L711	INDUCTOR-SMD	3.3uH,20%,3225	SA
5	2703-002327	L100	INDUCTOR-SMD	3.9uH,5%,3225	SA
5	2801-000258	X901	CRYSTAL-UNIT	0.032768MHZ,20PPM,SMD,12.5PF,50OHM,TP	SA
5	2801-003326	X903	CRYSTAL-SMD	24MHz,30ppm,28-ABX,16pF,50ohm,	SA

Level	Code No.	Loc. No.	Description	Specification	Remarks
5	2801-003667	X201	CRYSTAL-SMD	14.31818MHz,30ppm,28-AAN,16.50ohm,TP	SA
5	2801-004117	X902	CRYSTAL-SMD	6MHZ,30PPM,28-ABX,20PF,150OHM,TP	SA
5	2801-004300	X610	CRYSTAL-SMD	18.432MHz,30ppm,28-ABX,13pF,30ohm,TP	SA
5	2901-001264	FT2701	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
5	2901-001302	FT715	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	2901-001302	FT716	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	2901-001302	FT717	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	2901-001302	FT718	FILTER-EMI SMD	20V,0.3A,-,-,2.0x1.2x1.3mm,TP	SA
5	3301-001145	BD200	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD2305	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD311	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD603	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD604	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD800	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD801	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD802	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD803	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD804	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	BD805	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	FT2702	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001145	FT810	BEAD-SMD	60ohm,4516,6000mA,TP,70ohm/45MHz,82ohm/760MHz,0.01ohm	SNA
5	3301-001236	BD1815	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD2014	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD210	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD211	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD212	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD213	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD214	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD215	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD216	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD221	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD222	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD310	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD312	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD314	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD710	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD711	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD712	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD820	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD821	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD920	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD921	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD922	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD923	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001236	BD924	BEAD-SMD	60ohm,1608,200mA,,0.7ohm	SNA
5	3301-001595	L617	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,0.012ohm	SNA
5	3301-001595	L618	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,0.012ohm	SNA
5	3301-001605	FT250	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,0.5ohm	SNA
5	3301-001605	FT251	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,0.5ohm	SNA
5	3301-001605	FT252	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,0.5ohm	SNA
5	3301-001605	FT253	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,0.5ohm	SNA
5	3301-001605	FT524	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,0.5ohm	SNA
5	3701-001311	JA711	CONNECTOR-HDMI	21P,2R,FEMALE,SMD-S,AU30U	SA
5	3711-005470	CN701	CONNECTOR-HEADER	BOX,30P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA
5	3711-005497	CN812	CONNECTOR-HEADER	BOX,15P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	3711-005543	CN813	CONNECTOR-HEADER	BOX,6P,1R,1.25mm,SMD-A,SnPb,IVR	SA
5	BN27-00008A	L811	COIL CHOKE-SMD	SMD12*12*8.5,GH15/17PS,22.0UH,±20%,0.045OHM MAX.,3.0A,DR10X7/SMD12X6,7,16.5TS	SA
5	BN27-00009A	L613_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-,0.12ΩY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN27-00009A	L614_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-,0.12ΩY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN27-00009A	L615_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-,0.12ΩY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN27-00009A	L616_OP	COIL CHOKE	SMD 12X12X6,EOS,33UH,15%,-,0.12ΩY MAX,2A,DR10X5.0MM,18.5TS,12X12X6,1.8MM,1UEW 0.	SA
5	BN41-00545A	MP1.0	PCB MAIN	ROME,4,MP1.0,1.6,195*200,1	SNA
5	BN97-00484E	MICOM1	ASSY MICOM	RE26UO	SNA
6	1107-001391	IC908	IC-FLASH MEMORY	29W800D,1Mx8/512Kx16,TSOP,48P,18.4x12mm,2.7/3.6V,-40to+85C	SA
5	BN97-00484F	MICOM2	ASSY MICOM	RE26UO	SNA
6	0903-001389	IC902	IC-MICROCONTROLLER	S3F866B,8Bit,QFP,44P,10.0x10.0mm,24MHz,-,PLASTIC,3.3V,-,25to+85C,64K,-,-,-,-	SA
4	BP62-00017A	CIS6	HEAT SINK-ES	SP-50L2HX,A6063S,T2.0,26.2,26.2,TYPE-INSULATION	SNA

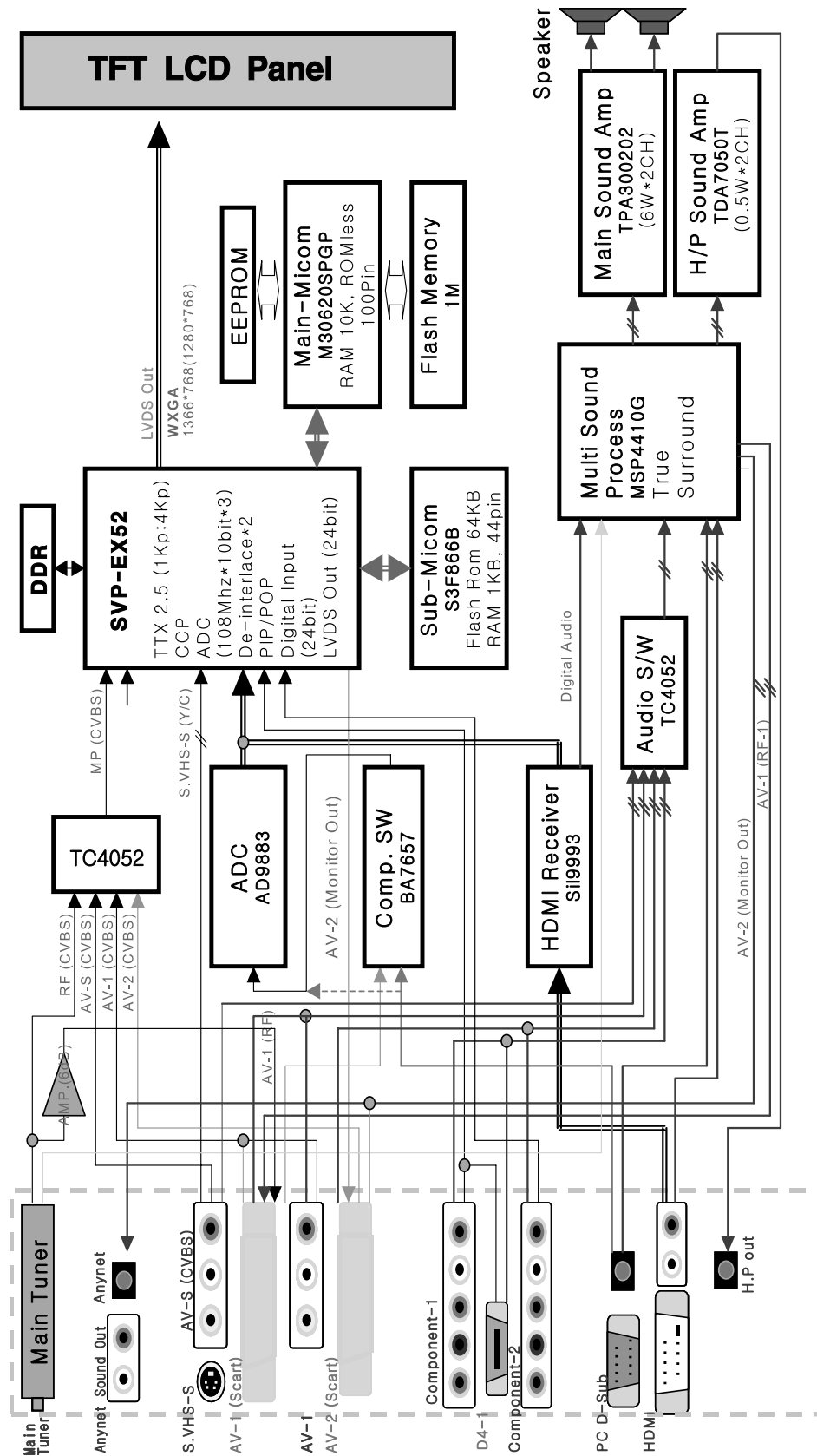
## 7 Electrical Parts List

### 7-6 LN-R328W Others

Level	Code No.	Loc. No.	Description	Specification	Remarks
2	BN91-00407K	-	ASSY LCD-SPZ	DU32EO	SNA
3	BN07-00172A	LCD	LCD-PANEL	LTA320W2-L01,Venus,8BIT,760*450*50,16.7M,40,0.51075*0.51075,0-50,5V,PVA	SA
2	BN91-00826R	-	ASSY CHASSIS	NEW	SNA
2	BN92-01288L	-	ASSY ACCESSORY	LNR268WX/XAA	SNA
3	BN96-01719Y	-	ASSY ACCESSORY	LNR268WX/XAA	SA
4	3903-000085	ACCESSORY	CBF-POWER CORD	DT,US,BP3/YES,II(IEC C13/C14),125/125V,10/10A,BLK,1830MM,-,SVT AWG18X3,UL/CSA,-,-	SA
4	4301-000121	ACCESSORY	BATTERY-MN	1.5V,-,AAA,10.5x44.5m,HOLDER	SA
4	6801-001011	ACCESSORY	CARD-WARRANTY	SEA/SECA,1	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
4	AA39-00039A	ACCESSORY	CABLE IF	-,C2680R-H,S,1P,-,3C-2V,BLK,F-CON,3000MM,-	SA
4	AA68-00371C	ACCESSORY	CARD WARRANTY-03	,SEA,W/P100(G),1 YEAR	SNA
4	AA68-03242B	0	MANUAL-SAFETY GUIDE	TH-ENG,SAFETY GUIDE	SNA
4	AA68-40065B	ACCESSORY	CARD-01,REGISTRATION	,SEA,A5,ENG,A/P220,2P(SIDES),4	SNA
4	BN39-00518A	ACCESSORY	CBF SIGNAL-STEREO	NA32KO,1P,UL2464#26,2000MM,BLACK,STEREO,SJ04-01-001	SA
4	BN59-00455A	ACCESSORY	REMOCON	ROME,TM76B,210*58*21,ZILOG,48,G6148,EX,USA,NTSC,CC,PIP,Any,DNle	SNA
5	2802-000194	-	RESONATOR-CERAMIC	8MHz,1.0%,TP,8.5x4.5x5.0mm	SA
5	AA09-00371A	-	IC MICOM	SZTM-839C R-52MX,28PIN,16KBYTE,SOIC,18*7.5,-65 TO +150	SA
4	BN63-01674A	ACCESSORY	COVER-BOTTOM	32" ROME,ABS,V0,GR503	SNA
4	BN68-00801A	ACCESSORY	MANUAL USERS-00	RE32UO,SAMSUNG,E/F,NA,Art 120/Mojo100,B5	SNA
4	BN68-00801G	ACCESSORY	MANUAL USERS-00	Anynet,SAMSUNG,NA,Art 150/Mojo100g,A5	SNA
4	BN69-00350A	ACCESSORY	BOX-00,ACCESSORY	AL29NO/AO,CB SW-1,YEL,KSD-21,60,300,230	SNA
4	BN96-01803A	ACCESSORY	ASSY ACCESSORY	ROME26,SCREW	SNA
5	6002-001294	ST+SE	SCREW-TAPPING	BH,+,,M4,L16,ZPC(BLK)	SA

# 8 Block Diagram

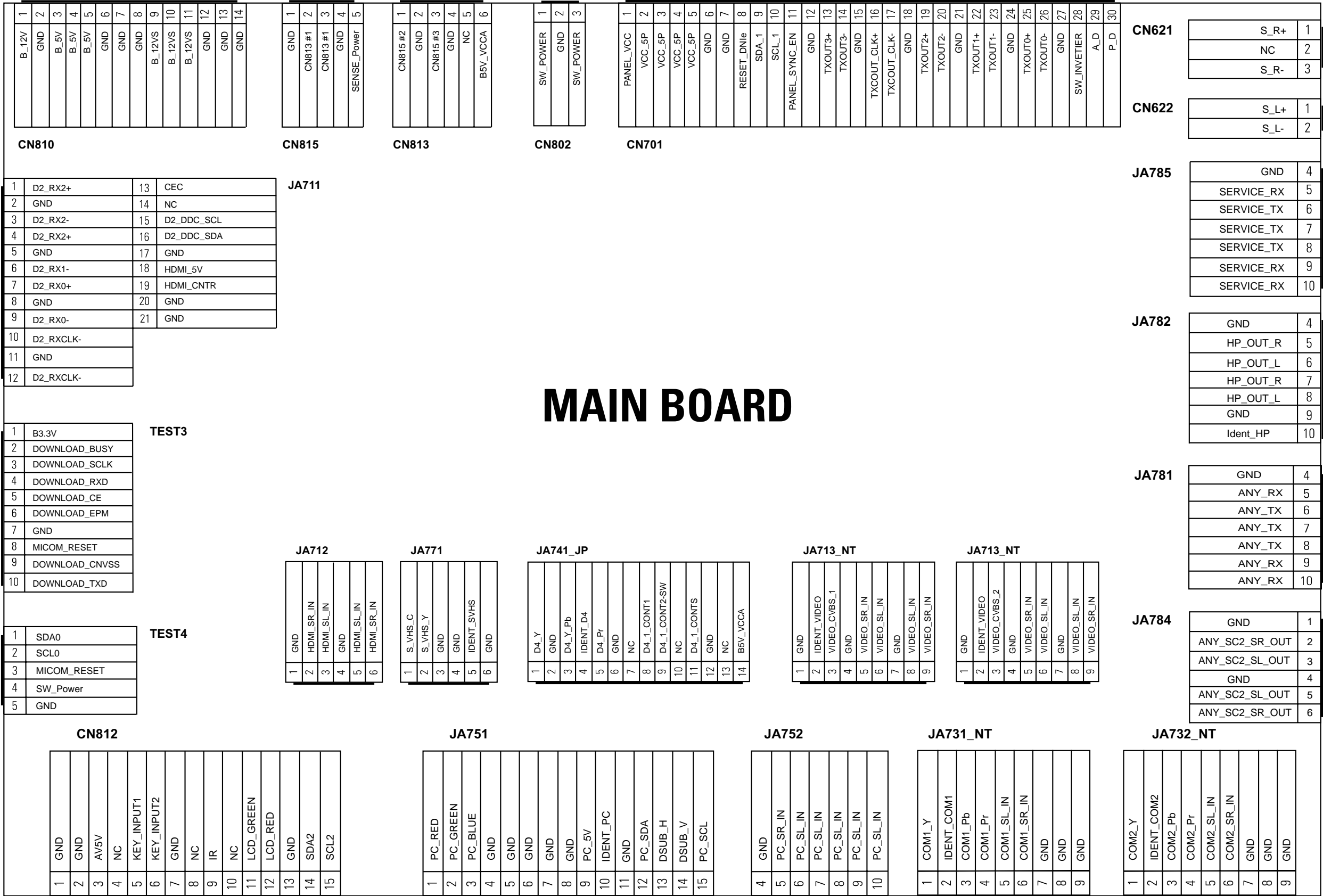
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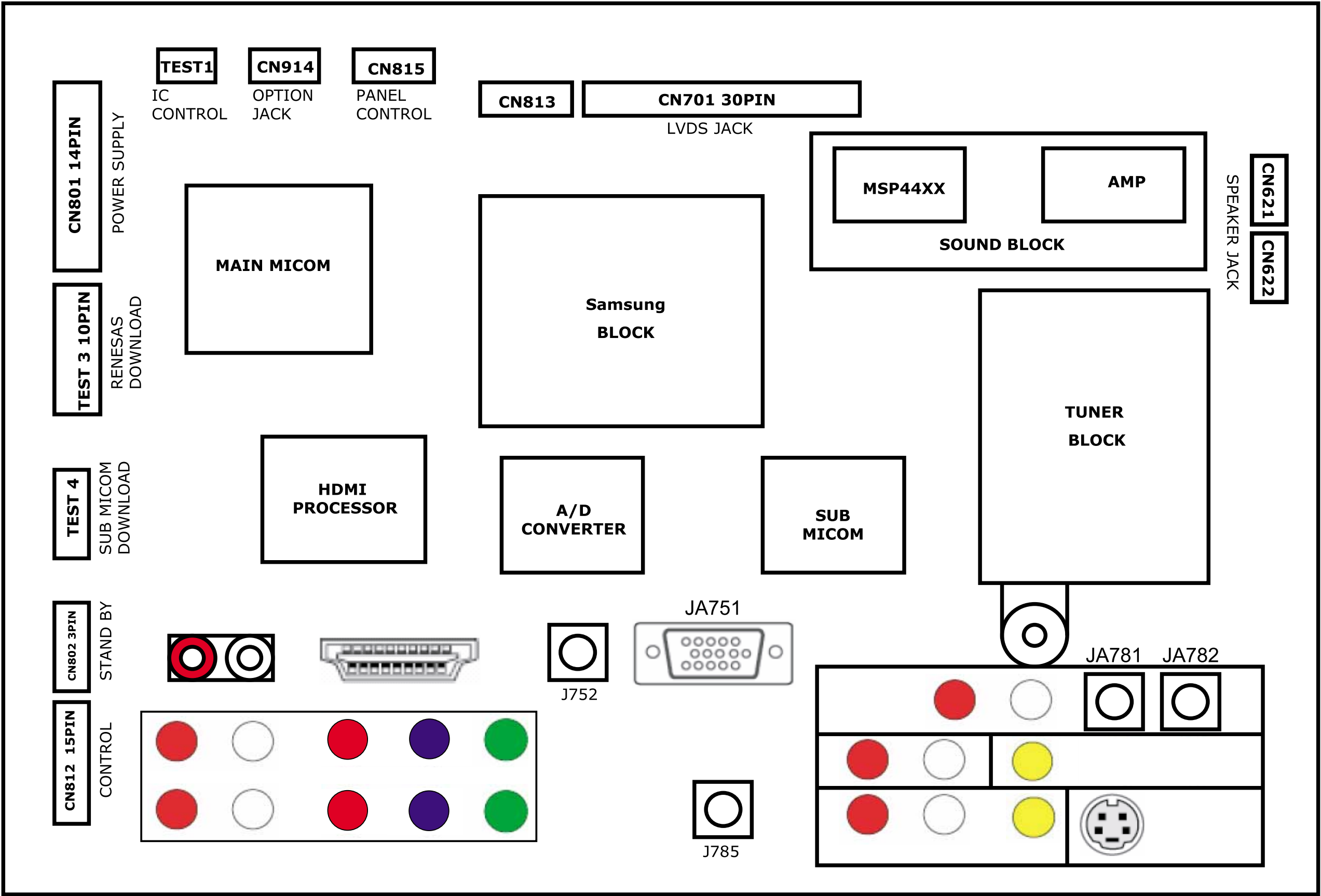
## Memo

9 Wiring Diagram

9-1 LN-R238W / LN-R268W / LN-R328W Wiring Diagram



9-2 Main Board Layout



9-2 PIN characteristic

**CN801**- Main Board power supply

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

FUNCTING DEFINE:

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

**CN802**-stand by supply

PIN	1	2	3
NAME	POWER	GND	SW_POWER
VOLTAGE	6V	0V	ON/OFF

FUNCTING DEFINE:

- POWER 6V        STAND BY 5V , Sub-MICOM power supply
- SW\_POWER       L: Power OFF ,   H: Power ON

**CN621/CN622**-SPEAKER CONNECTOR

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

PIN	1	2
NAME	L-OUT	L-REFERENCE

**CN812**-Front control

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

FUNCTING DEFINE:

- A5V            Front control board power supply
- KEY INPUT1,2/SDA/SCL    key control, form the Menu , channel up/down Etc.
- IR            remote control signal
- LED\_GREEN/LED\_RED    control the timing and standby LED color

**CN815**-panel control

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

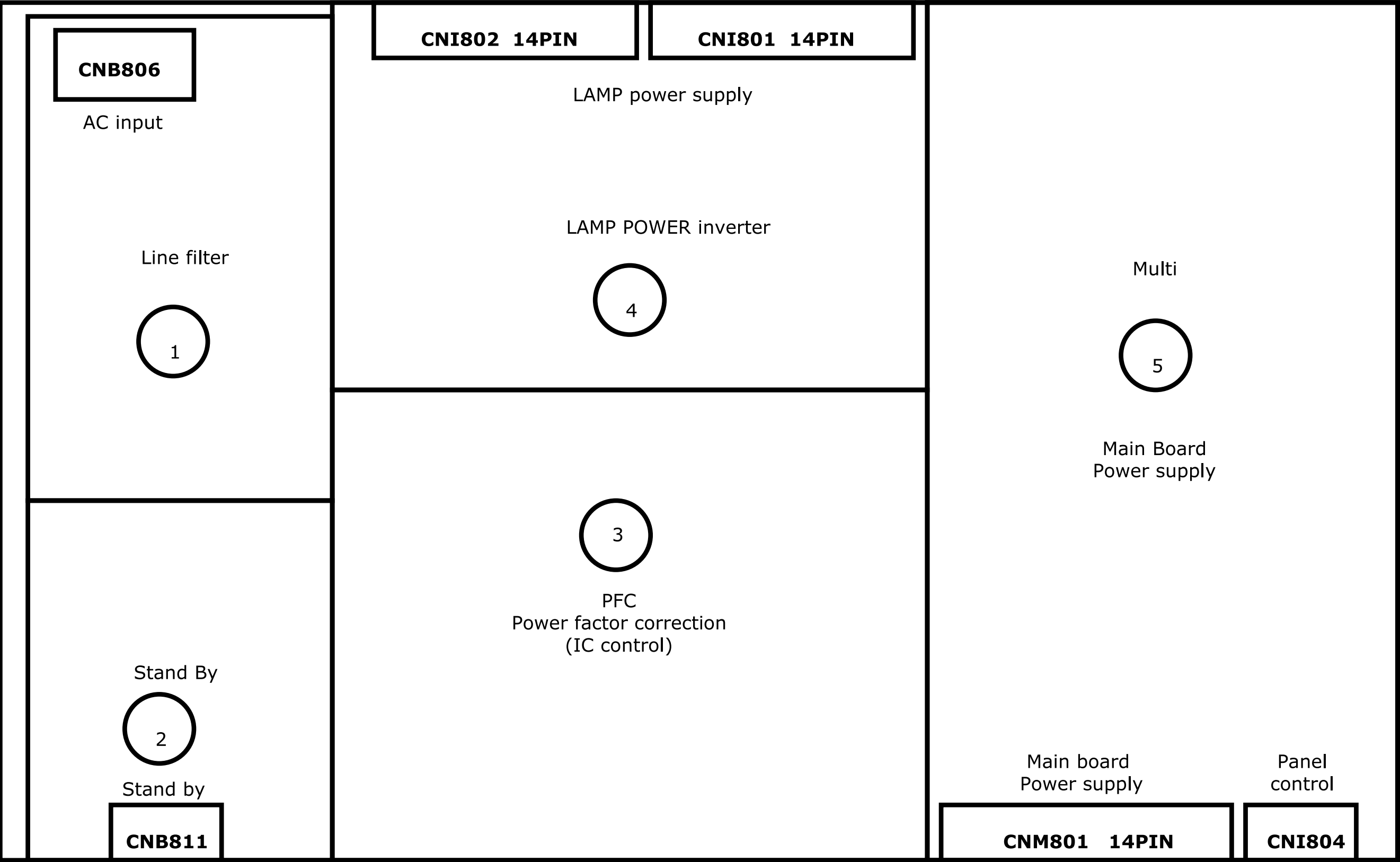
FUNCTING DEFINE:

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

CN702-LVDS Signal

PIN	NAME	PIN	NAME
1	VCC	16	TXOUTCLK+
2	VCC5P	17	TXOUTCLK-
3	VCC5P	18	GND
4	VCC5P	19	TXOUT2+
5	VCC5P	20	TXOUT2-
6	GND	21	GND
7	GND	22	TXOUT1+
8	NOP (NOT USE)	23	TXOUT1-
9	SDA1	24	GND
10	SCL1	25	TXOUT0+
11	PANEL_SYNC_EN	26	TXOUT0-
12	GND	27	GND
13	TXOUT3+	28	SW_INVERTER
14	TXOUT3-	29	ANA_DIMMING
15	GND	30	PWM_DIMMING

9-3 Power Board Layout



**CNB811**-stand by supply

PIN	1	2	3
NAME	POWER	GND	SW_POWER
VOLTAGE	6V	0V	ON/OFF

FUNCTING DEFINE:  
Refer to: CN802 function define

**CNM801**- Main Board power supply

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

FUNCTING DEFINE:  
Refer to: CN801 function define

**CNI804**-panel control

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

FUNCTING DEFINE:  
Refer to: CN815 function define

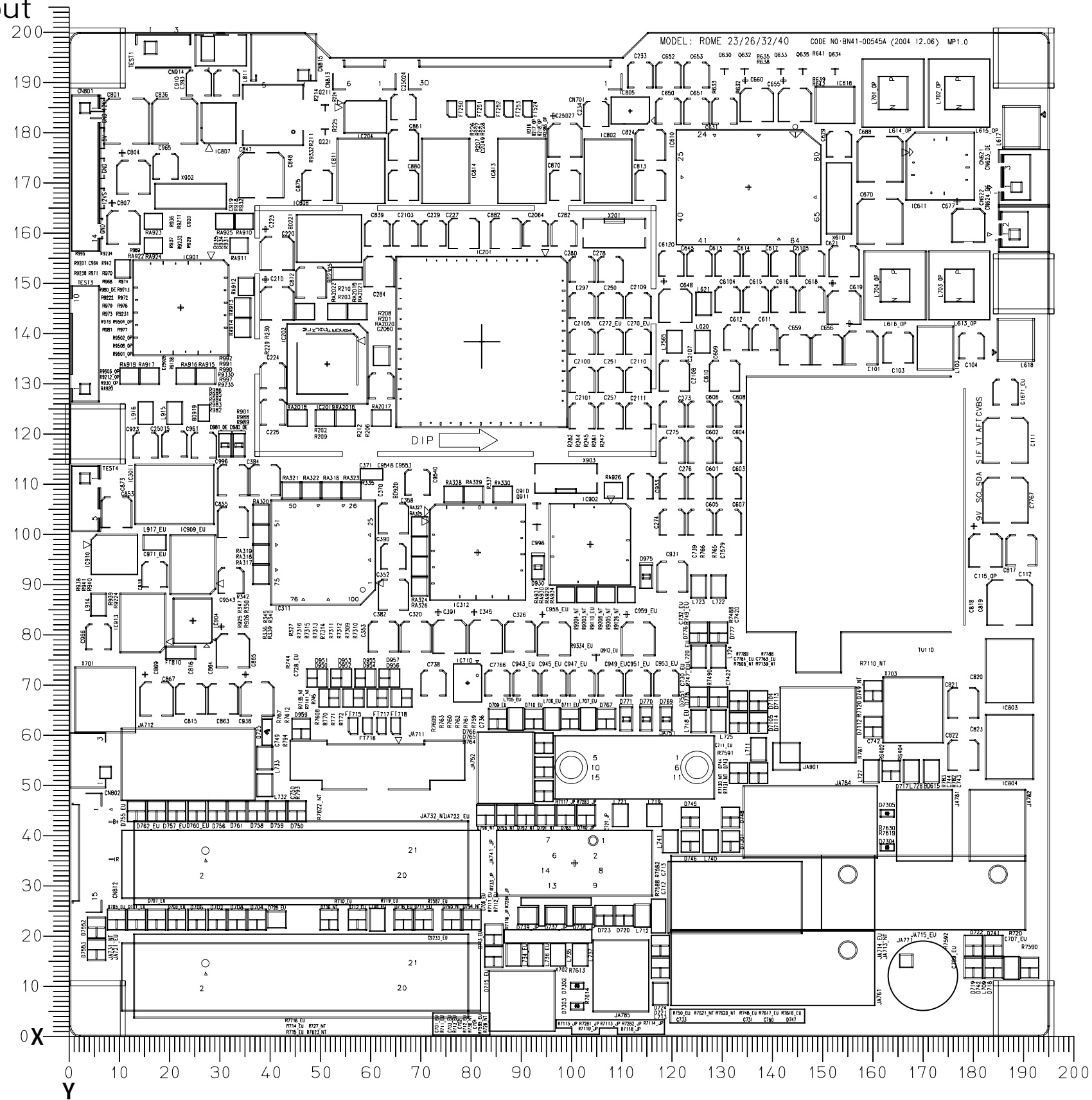
**CNI801**- Main Board power supply

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

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

## 10 PCB Layout

## 10-1 Main PCB Layout



10 PCB Layout

Loc. No.	Description	X	Y
DIODE			
D101	DIODE-SWITCHING	175.2	138.4
D102	DIODE-ZENER	166.0	118.4
D210	DIODE-ZENER	99.0	130.8
D211	DIODE-ZENER	100.2	146.6
D212	DIODE-ZENER	105.8	145.6
D213	DIODE-ZENER	104.2	130.8
D214	DIODE-ZENER	109.4	130.8
D215	DIODE-ZENER	108.8	145.6
D216	DIODE-ZENER	102.4	123.2
D217	DIODE-ZENER	107.6	122.8
D617	DIODE-ZENER	138.4	191.6
D620	DIODE-ZENER	160.0	172.8
D621	DIODE-ZENER	144.0	187.0
D622	DIODE-ARRAY	144.0	191.6
D701_EU	DIODE-ZENER	13.2	23.2
D702	DIODE-ZENER	29.2	23.2
D703_EU	DIODE-ZENER	21.2	23.2
D704	DIODE-ZENER	37.2	23.2
D705_EU	DIODE-ZENER	9.2	23.2
D706	DIODE-ZENER	25.2	23.2
D707_EU	DIODE-ZENER	17.2	23.2
D708	DIODE-ZENER	33.2	23.2
D709_EU	DIODE-SWITCHING	85.2	63.2
D710_EU	DIODE-SWITCHING	92.4	63.2
D7102	DIODE-SWITCHING	76.0	45.6
D7103	DIODE-SWITCHING	76.0	50.0
D7104	DIODE-SWITCHING	133.2	66.8
D7105	DIODE-SWITCHING	133.2	62.4
D7108	DIODE-ZENER	46.0	50.4
D7109	DIODE-ZENER	46.0	56.0
D711_EU	DIODE-SWITCHING	99.6	63.2
D7110	DIODE-ZENER	42.0	50.4
D7111	DIODE-ZENER	42.0	56.0
D7112	DIODE-ZENER	160.0	61.6
D7113	DIODE-SWITCHING	137.2	66.8
D7114	DIODE-SWITCHING	137.2	62.4
D712_EU	DIODE-SWITCHING	57.2	23.2
D713_EU	DIODE-ZENER	84.4	20.2
D714_EU	DIODE-ZENER	70.4	23.2
D715_EU	DIODE-ZENER	84.4	15.8
D716_EU	DIODE-ZENER	66.4	23.2
D717	DIODE-ZENER	163.6	52.8
D718	DIODE-ZENER	191.2	13.6
D719	DIODE-SWITCHING	180.0	13.6
D720	DIODE-ZENER	110.4	24.0
D721	DIODE-ZENER	117.6	13.6
D722	DIODE-SWITCHING	180.0	18.0

Loc. No.	Description	X	Y
D723	DIODE-ZENER	106.4	24.0
D724	DIODE-ZENER	117.6	18.0
D725	DIODE-ZENER	39.2	60.6
D726_EU	DIODE-ZENER	41.2	23.2
D727_EU	DIODE-ZENER	41.8	45.6
D7301	DIODE-ZENER	131.6	38.8
D7302	DIODE-TVS	101.0	10.0
D7303	DIODE-TVS	101.0	6.0
D7304	DIODE-TVS	162.8	37.6
D7305	DIODE-TVS	162.8	44.4
D736_NT	DIODE-ZENER	51.6	23.2
D737_JP	DIODE-ZENER	96.8	24.0
D738_JP	DIODE-ZENER	102.4	24.0
D739_JP	DIODE-ZENER	91.2	24.0
D740_JP	DIODE-ZENER	102.8	44.0
D741	DIODE-SWITCHING	184.0	18.0
D742	DIODE-SWITCHING	184.0	13.6
D743	DIODE-ZENER	137.2	52.4
D744	DIODE-ZENER	133.2	52.4
D745	DIODE-ZENER	123.6	43.6
D746	DIODE-ZENER	123.6	38.8
D747	"C-CER,CHIP"	128.4	42.8
D748	DIODE-ZENER	131.6	43.6
D749_NT	DIODE-ZENER	160.0	68.8
D750	DIODE-ZENER	45.2	44.8
D751	DIODE-ZENER	42.6	71.8
D752	DIODE-ZENER	42.6	67.0
D753_EU	DIODE-ZENER	76.0	54.4
D754_EU	DIODE-ZENER	76.0	58.8
D755_EU	DIODE-ZENER	13.2	44.8
D7551	DIODE-ZENER	125.2	67.6
D7552	DIODE-ZENER	5.2	21.6
D7553	DIODE-ZENER	5.2	17.2
D756	DIODE-ZENER	29.2	44.8
D757_EU	DIODE-ZENER	21.2	44.8
D758	DIODE-ZENER	37.2	44.8
D759	DIODE-ZENER	41.2	44.8
D760_EU	DIODE-ZENER	25.2	44.8
D761	DIODE-ZENER	33.2	44.8
D762_EU	DIODE-ZENER	17.2	44.8
D763	DIODE-ZENER	98.8	44.0
D764	DIODE-ZENER	94.4	48.8
D765	DIODE-ZENER	94.4	53.6
D766	DIODE-ZENER	94.4	58.4
D767	DIODE-ZENER	106.8	63.2
D769	DIODE-ZENER	118.8	63.2
D770	DIODE-ZENER	114.8	63.2
D771	DIODE-ZENER	110.8	63.2

Loc. No.	Description	X	Y
D772	DIODE-ZENER	129.2	93.6
D773	DIODE-ZENER	129.2	89.2
D774	DIODE-ZENER	125.2	89.2
D775	DIODE-ZENER	125.2	93.6
D776	DIODE-ZENER	125.2	80.4
D777	DIODE-ZENER	129.2	80.4
D778	DIODE-ZENER	129.2	67.6
D779	DIODE-ZENER	164.4	53.2
D780	DIODE-ZENER	176.4	53.2
D781	DIODE-ZENER	172.4	53.2
D782	DIODE-ZENER	168.4	53.2
D791_NT	DIODE-SWITCHING	94.8	44.0
D792_NT	DIODE-SWITCHING	90.8	44.0
D793_NT	DIODE-SWITCHING	76.0	23.2
D794_NT	DIODE-SWITCHING	80.0	23.2
D795_NT	DIODE-SWITCHING	86.8	44.0
D796_NT	DIODE-SWITCHING	82.8	44.0
D812	DIODE-RECTIFIER	35.4	182.4
D901	DIODE-ZENER	32.4	110.8
D911	DIODE-ARRAY	85.2	70.4
D912	DIODE-ARRAY	67.2	72.2
D930	DIODE-ZENER	93.2	93.4
D950	DIODE-SWITCHING	51.6	67.4
D951	DIODE-SWITCHING	49.2	71.4
D952	DIODE-SWITCHING	56.4	67.4
D953	DIODE-SWITCHING	54.0	71.4
D954	DIODE-SWITCHING	61.2	67.4
D955	DIODE-SWITCHING	58.8	71.4
D956	DIODE-SWITCHING	66.0	67.4
D957	DIODE-SWITCHING	63.6	71.4
D958	DIODE-ZENER	46.0	61.2
D959	DIODE-ZENER	46.0	61.2
D960	DIODE-ZENER	42.0	61.2
D961	DIODE-ZENER	66.6	66.4
D962	DIODE-ZENER	48.0	69.0
D963	DIODE-ARRAY	112.6	98.6
D964	DIODE-ARRAY	112.6	103.0
D970	DIODE-ZENER	5.2	30.6
D971	DIODE-ZENER	5.2	35.0
D972	DIODE-ZENER	5.2	39.2
D973	DIODE-ZENER	5.2	21.4
D974	DIODE-ZENER	5.2	16.8
D975	DIODE-ZENER	114.8	91.6
D976	DIODE-ARRAY	106.0	88.0
D980_DE	DIODE-ZENER	33.6	117.8
D981_DE	DIODE-ZENER	30.8	117.8
D982_DE	DIODE-ZENER	147.3	182.1
D983_DE	DIODE-ZENER	136.0	182.1

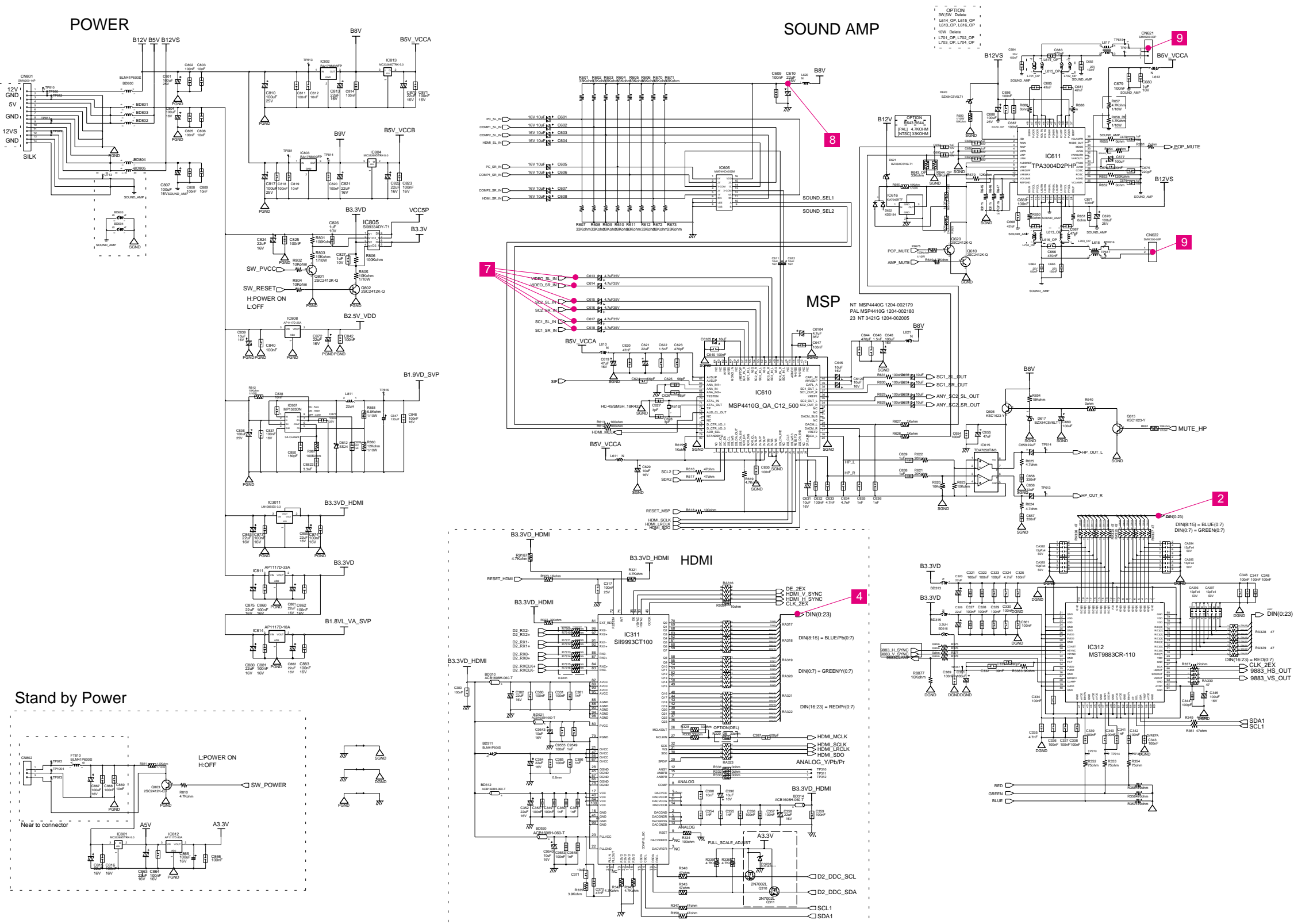
Loc. No.	Description	X	Y
D990	DIODE-ZENER	5.2	44.8
IC			
IC201	IC-VIDEO PROCESS	82.0	138.4
IC2019	R-NETWORK	50.8	123.2
IC202	IC-DRAM	51.2	134.0
IC203	IC-ANALOG MULTIPLEX	125.0	133.4
IC204	IC-OP AMP	58.8	183.2
IC3010_EU	IC-CMOS LOGIC	8.4	95.6
IC3011	IC-POSI.FIXED REG.	20.8	108.0
IC311	IC-RECEIVER	50.4	96.4
IC312	IC-A/D CONVERTER	81.2	96.4
IC313	IC-CMOS LOGIC	38.4	80.6
IC605	IC-ANALOG MULTIPLEX	133.8	131.2
IC610	IC-SOUND PROCESSOR	135.2	169.2
IC611	IC-AUDIO AMP	173.4	173.4
IC615	IC-AUDIO AMP	135.2	168.0
IC616	IC-VOL. DETECTOR	152.4	185.6
IC710	IC-EEPROM	79.2	70.4
IC712	IC-EEPROM	72.8	70.4
IC801	IC-POSI.FIXED REG.	20.0	70.8
IC802	IC-POSI.FIXED REG.	107.2	172.4
IC803	IC-POSI.FIXED REG.	187.2	72.8
IC804	IC-POSI.FIXED REG.	187.2	57.6
IC805	FET-SILICON	111.6	184.4
IC807	IC-SWITCH VOL. REG.	29.6	182.0
IC808	IC-POSI.FIXED REG.	51.6	159.0
IC811	IC-POSI.FIXED REG.	58.0	172.4
IC812	IC-POSI.FIXED REG.	30.4	70.8
IC813	IC-POSI.FIXED REG.	90.0	172.4
IC814	IC-POSI.FIXED REG.	74.8	172.4
IC901	IC-MICROCOMPUTER	22.0	145.2
IC902	IC-MICROCONTROLLER	103.6	98.0
IC904	IC-CMOS LOGIC	24.4	82.8
IC905	IC-RESET	120.0	91.6
IC906_EU	IC-VIDEO SWITCH	104.8	78.6
IC907	IC-SRAM	20.2	150.8
IC908	IC-FLASH MEMORY	20.0	136.4
IC909_EU	IC-ANALOG SWITCH	24.4	94.0
IC910	IC-EEPROM	8.8	96.0
IC913	IC-ANALOG SWITCH	14.4	82.4
IC920	IC-VOL. DETECTOR	112.8	91.6
IC931	IC-DRIVER/RECEIVER	24.8	110.4
TRANSISTOR			
Q100	TR-SMALL SIGNAL	165.6	137.2
Q1210_EU	TR-SMALL SIGNAL	186.8	128.4
Q1211_EU	TR-SMALL SIGNAL	190.8	128.4

Loc. No.	Description	X	Y
Q1212_EU	TR-SMALL SIGNAL	186.8	123.6
Q211	TR-SMALL SIGNAL	50.8	185.6
Q212_EU	TR-SMALL SIGNAL	100.4	136.8
Q213_EU	TR-SMALL SIGNAL	107.6	140.8
Q214_EU	TR-SMALL SIGNAL	107.6	136.8
Q215	TR-SMALL SIGNAL	124.8	149.8
Q216	TR-SMALL SIGNAL	124.8	144.8
Q221	TR-SMALL SIGNAL	50.8	180.8
Q3004_EU	TR-SMALL SIGNAL	8.8	89.6
Q608	TR-SMALL SIGNAL	138.4	187.2
Q610	TR-SMALL SIGNAL	148.8	186.8
Q611	TR-SMALL SIGNAL	128.0	168.8
Q612	TR-SMALL SIGNAL	128.0	164.8
Q615	TR-SMALL SIGNAL	132.8	191.6
Q620	TR-SMALL SIGNAL	152.8	191.6
Q630	TR-SMALL SIGNAL	130.4	192.8
Q631	TR-SMALL SIGNAL	127.2	191.6
Q632	TR-SMALL SIGNAL	134.4	192.8
Q633	TR-SMALL SIGNAL	141.6	192.8
Q634	TR-SMALL SIGNAL	152.4	192.8
Q635	TR-SMALL SIGNAL	146.0	192.8
Q801	TR-SMALL SIGNAL	101.6	177.0
Q802	TR-SMALL SIGNAL	113.6	177.0
Q803	TR-SMALL SIGNAL	4.8	84.8
Q910	TR-SMALL SIGNAL	93.0	106.2
Q911	TR-SMALL SIGNAL	93.0	102.0
Q912_EU	TR-SMALL SIGNAL	104.8	76.0
Q914	FET-SILICON	12.8	117.6
Q915	FET-SILICON	16.8	117.6
Q918	TR-SMALL SIGNAL	19.2	167.2
Q920	FET-SILICON	16.8	109.6
Q921	FET-SILICON	12.8	109.6
Q922	FET-SILICON	143.5	182.1
Q923	FET-SILICON	139.8	182.1
Q930	TR-SMALL SIGNAL	12.8	83.6
Q931	TR-SMALL SIGNAL	152.8	186.8
Q952	TR-SMALL SIGNAL	77.6	70.4
Q960	FET-SILICON	19.2	171.6
Q970	TR-SMALL SIGNAL	22.4	94.4

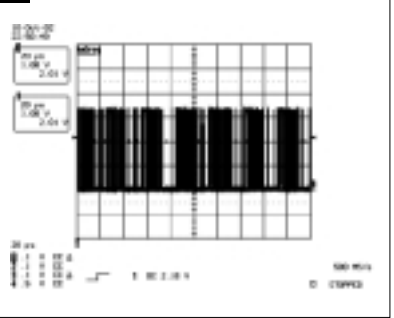
11 Schematic Diagrams

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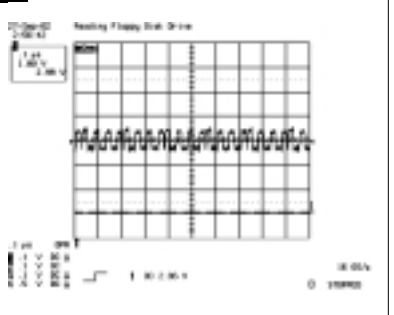
11-1 Power\_Sound Schematic Diagram



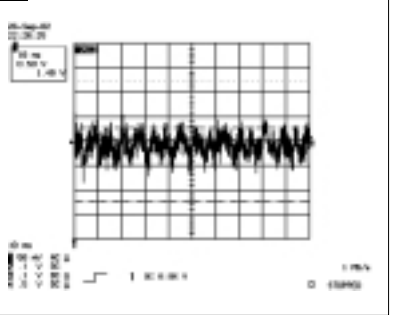
2 R,G,B Output Signal of IC312



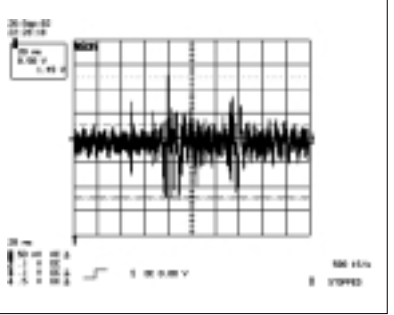
4 Signal of HDMI(Data)



7 The Signal are Inputed to IC610

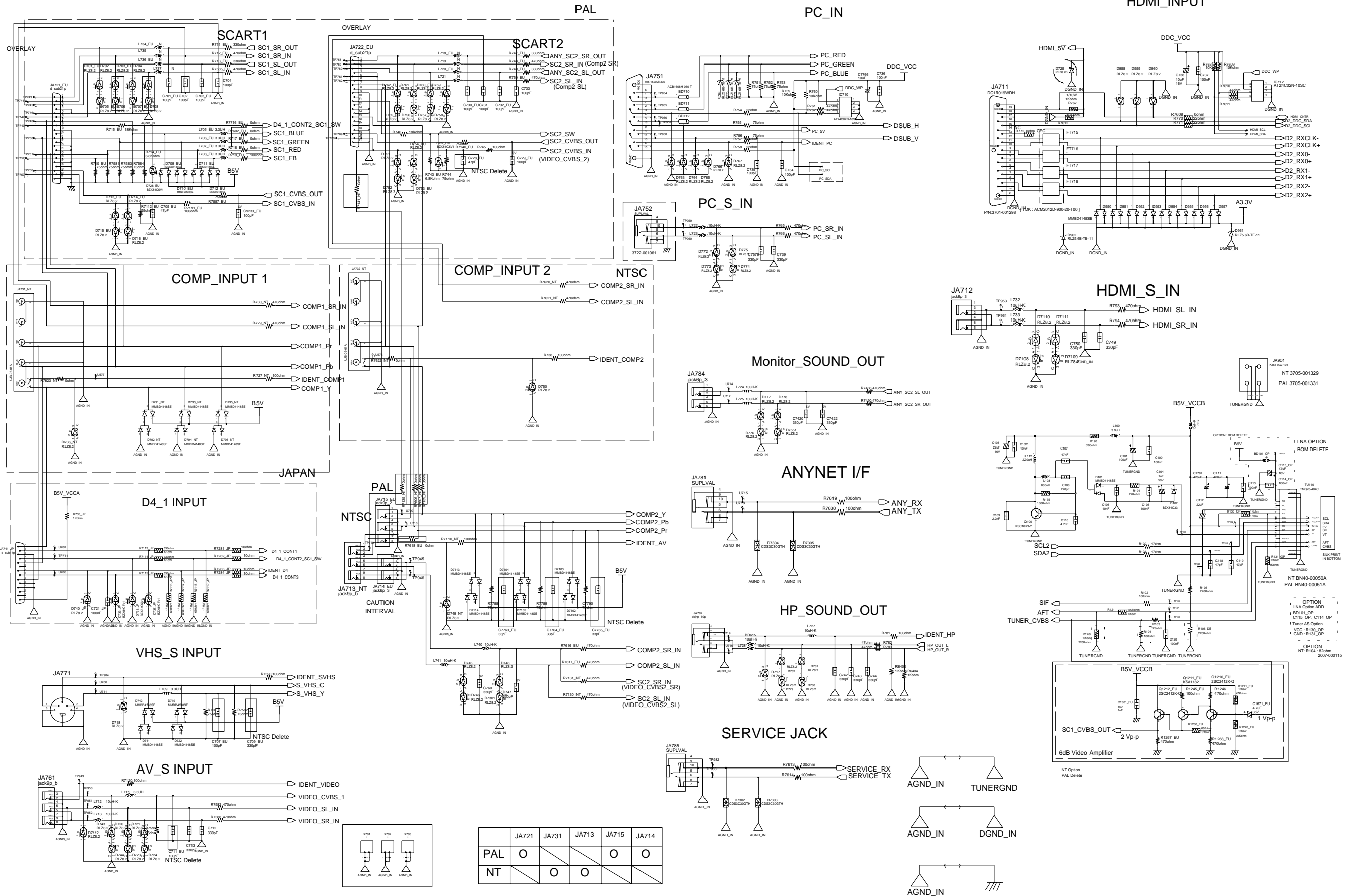


9 Output WaveForm



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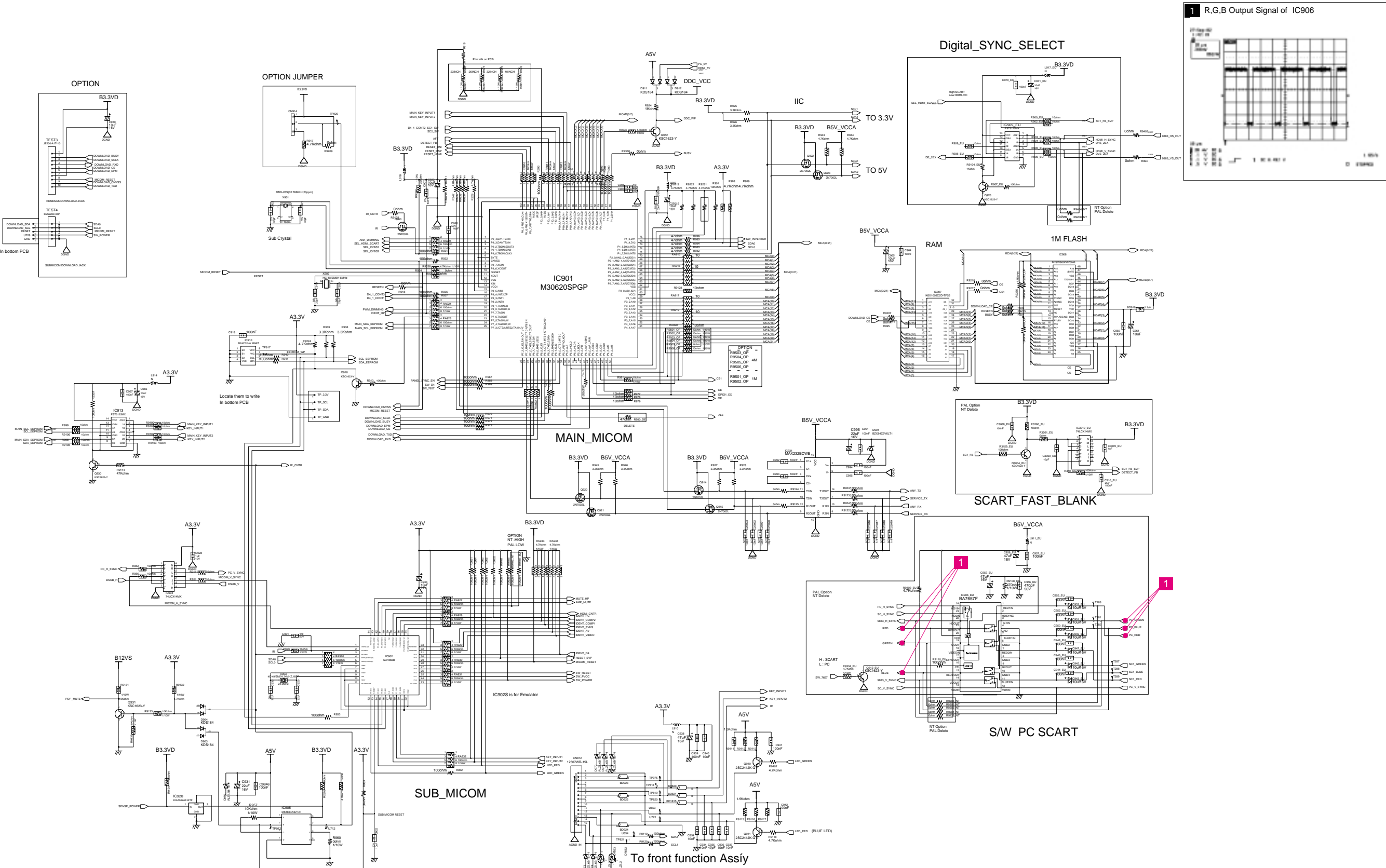
11-2 In\_Out\_Jack Schematic Diagram



11 Schematic Diagrams

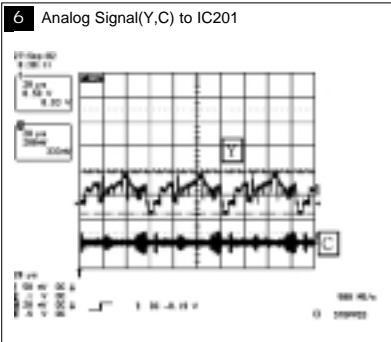
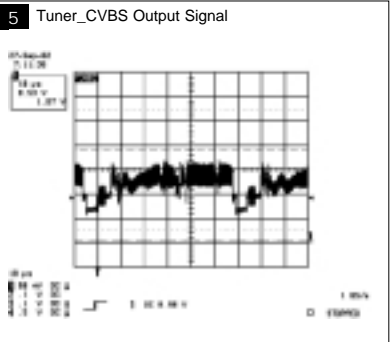
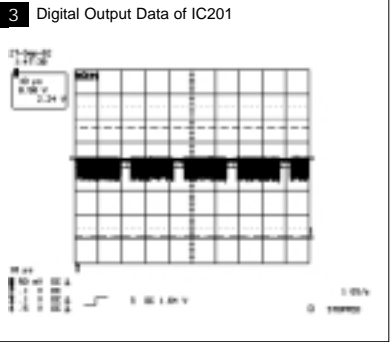
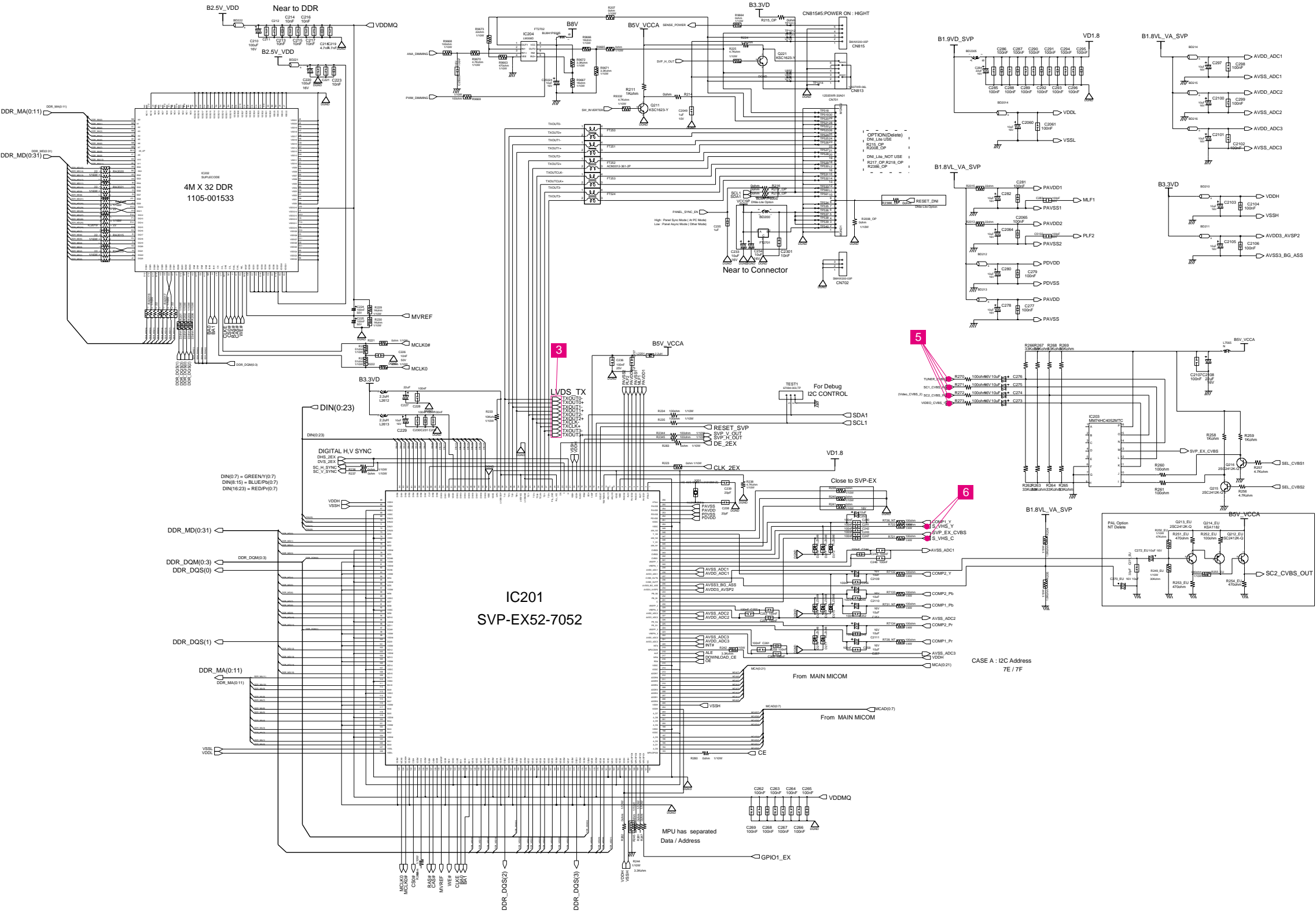
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11-3 MICOM Schematic Diagram



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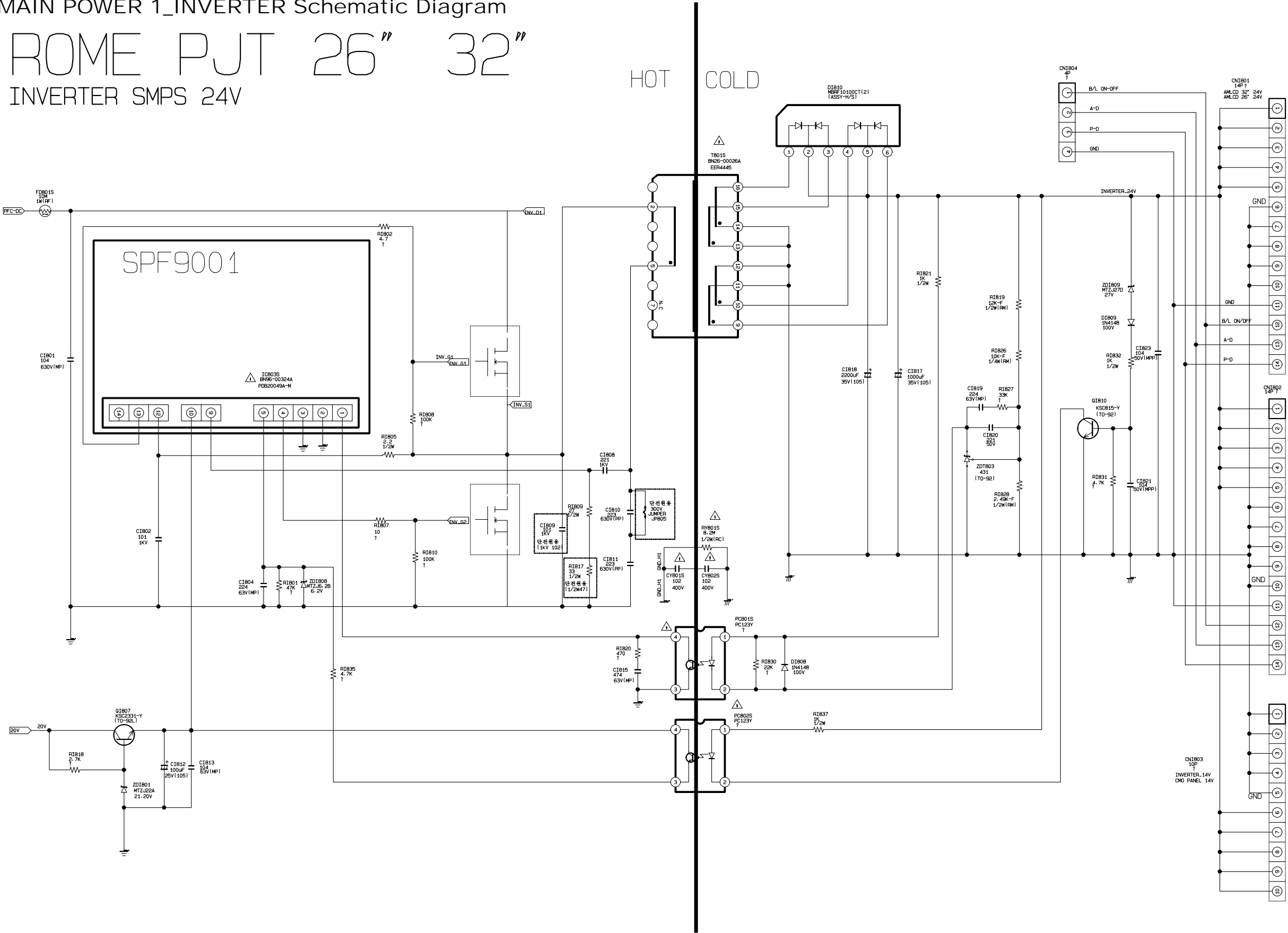
11-4 SVP\_EX Schematic Diagram



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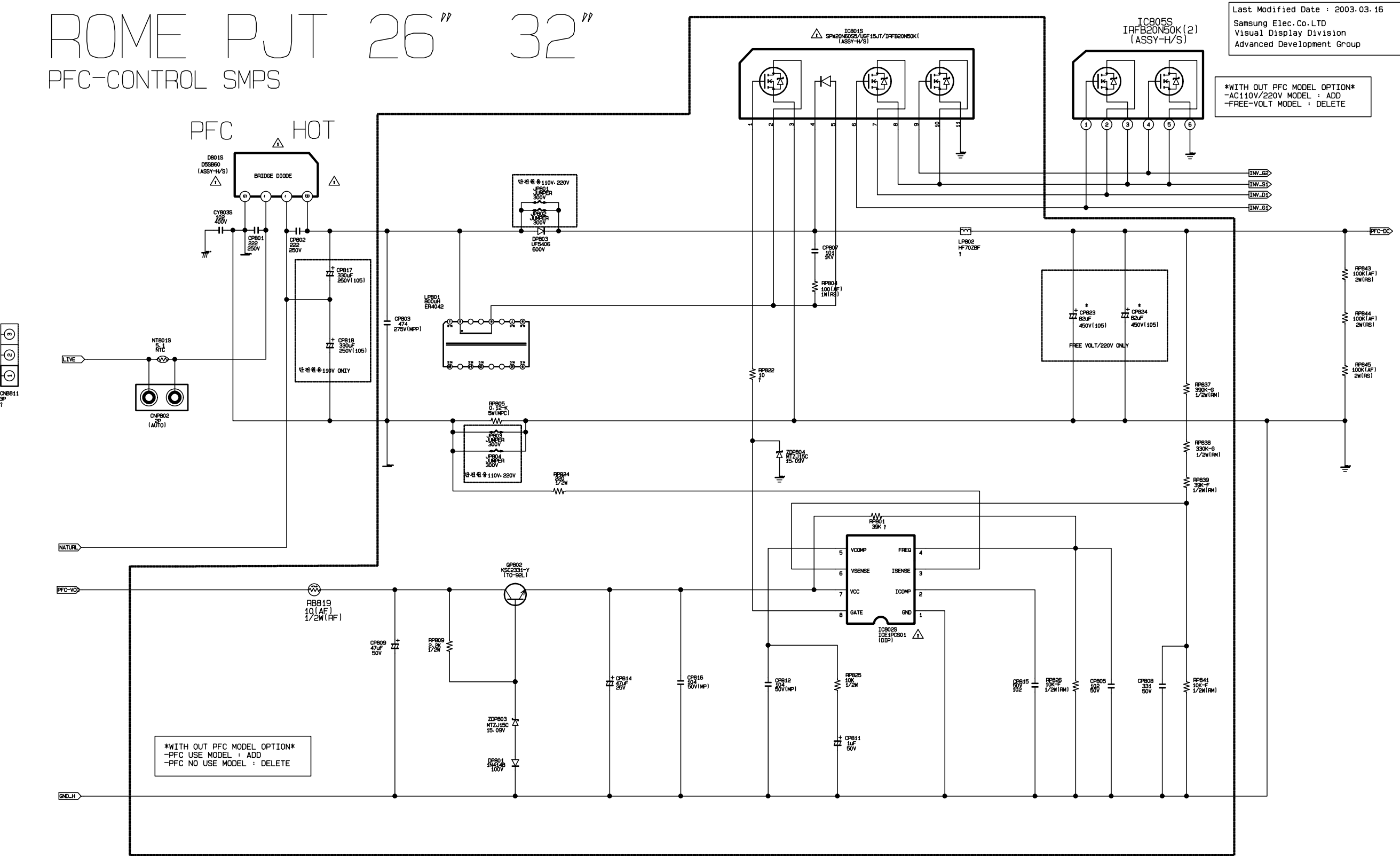
11-5 MAIN POWER 1\_INVERTER Schematic Diagram

ROME PJT 26" 32"  
INVERTER SMPS 24V



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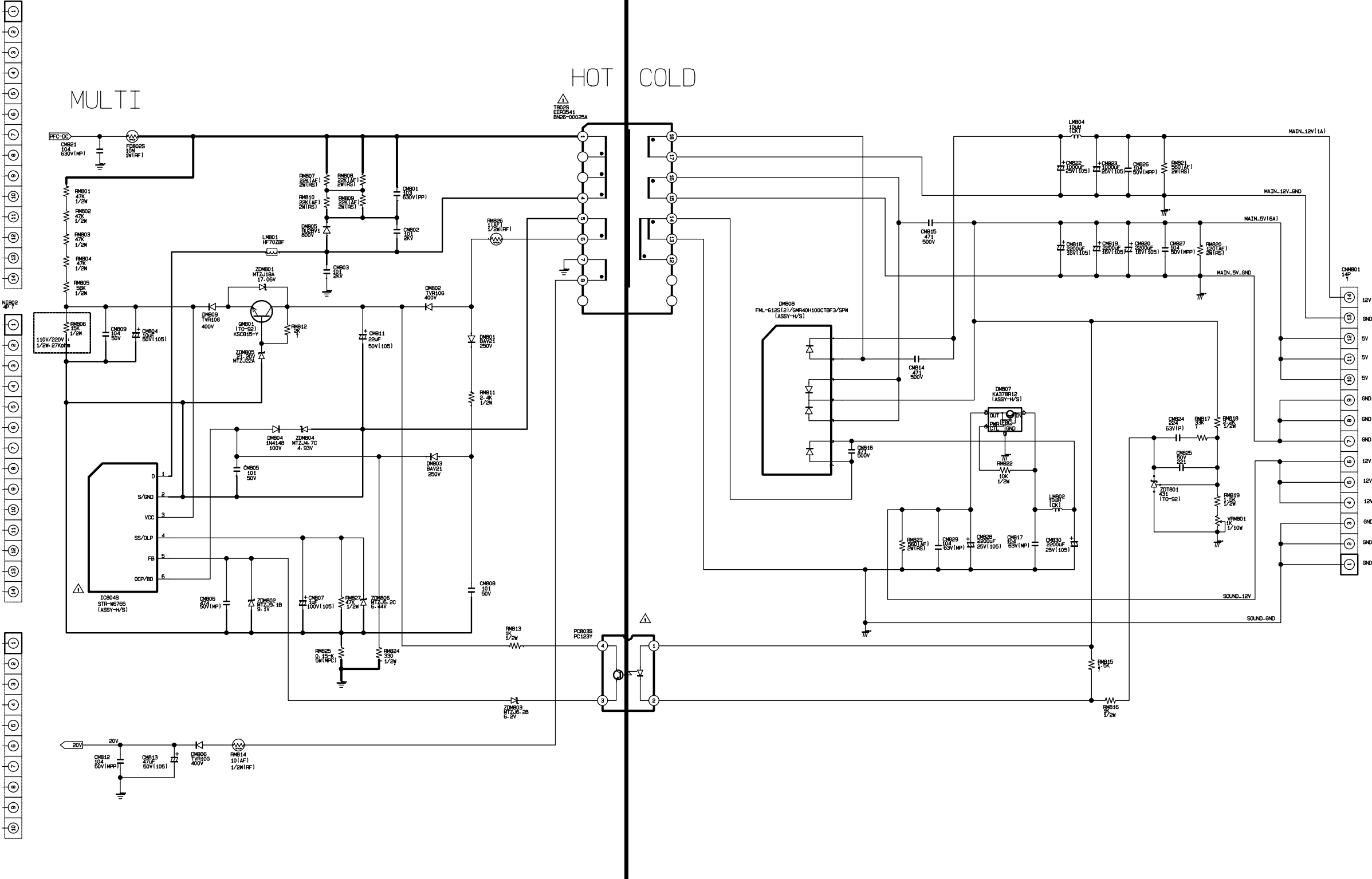
11-6 MAIN POWER 2\_PFC Schematic Diagram



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## 11-7 MAIN POWER 3\_MULTI Schematic Diagram

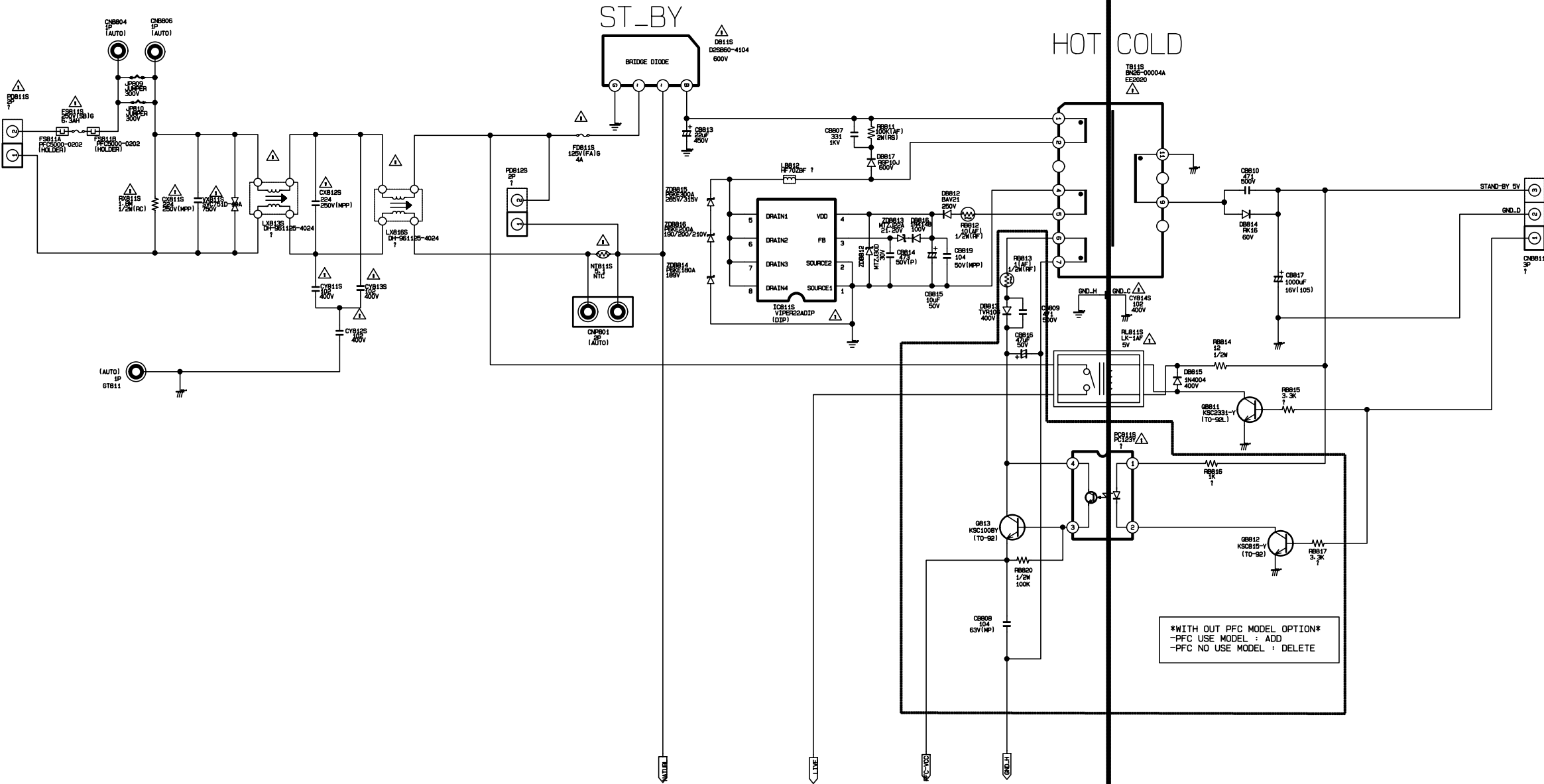
ROME PJT 26" 32"  
MULTT-SMPS



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11-8 SUB POWER Schematic Diagram

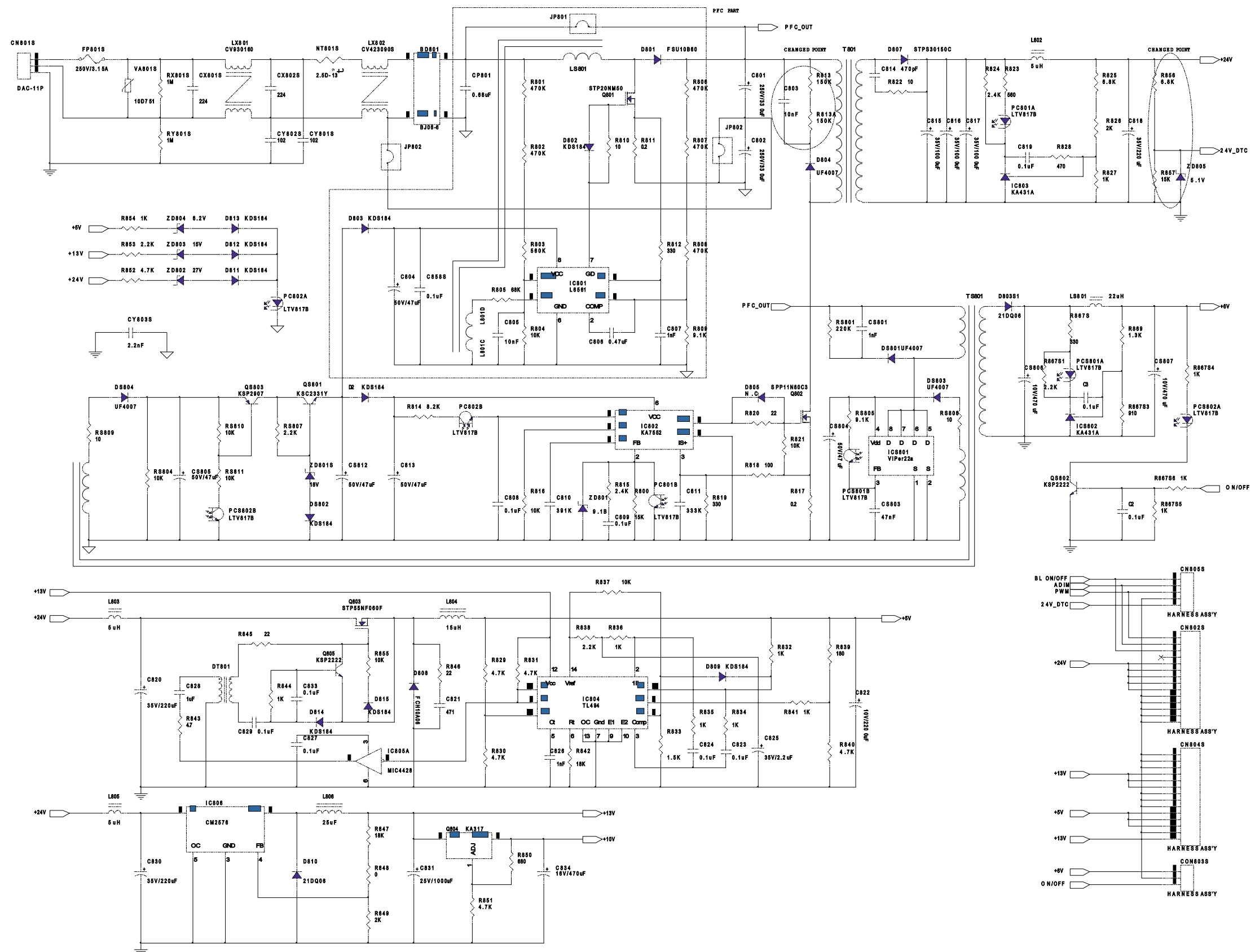
ROME PJT 26" 32"  
STAND-BY SMPS



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# 11-9 LCD23FAX Schematic Diagram

ROME PJT 23"



Memo