



LCD-TV

Chassis GTU46MUS
GTU52MUS

Model LNT4665F
LNT5265F

SERVICE Manual

LCD TV



Fashion Feature

- Digital-TV, RF, 3-HDMI, 2-Component, 2-A/V
2-S-Video, USB2.0(WISELINK), D-SUB
- Brightness : 550cd/m²
- Contrast Ratio : 10000:1
- Response time : 8ms
- Dynamic contrast, Super-PVA
- PIP(in HDMI 1,2,3, Component 1,2, PC
Mode and Sub picture is available only in
TV analog mode)

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LNT4665F / LNT5265F Service Manual

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1 Precautions

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

1-1 Safety Precautions

1-1-1 Warnings

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

1-1-2 Servicing the LCD Monitor

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

1-1-3 Fire and Shock Hazard

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

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

WARNING : Do not use an isolation transformer during this test.

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

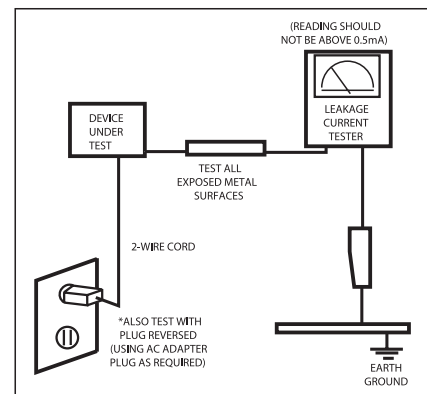


Figure 1-1. Leakage Current Test Circuit

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

1-1-4 Product Safety Notices

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

1-2 Servicing Precautions

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

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

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

1-2-1 General Servicing Precautions

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

The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

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

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

1 Precautions

1-4 Installation Precautions

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

1 Precautions

Memo

2 Product Specifications

2-1 Fashion Feature

- Digital-TV, RF, 3-HDMI, 2-Component, 2-A/V, 2-S-Video, USB2.0(WISELINK), D-SUB
- Brightness : 550cd/m²
- Contrast Ratio : 10000:1
- Response time : 8ms
- Dynamic contrast, Super-PVA
- PIP(in HDMI 1,2,3, Component 1,2, PC Mode and Sub picture is available only in TV analog mode)

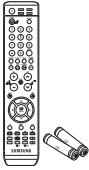
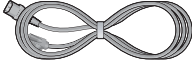
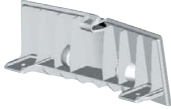
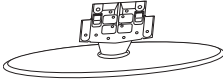
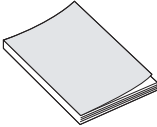

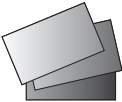
2-2 LNT4665F Specifications

| Item | Description | |
|---------------------------------------|--|----------------------|
| LCD Panel | TFT-LCD panel, RGB vertical stripe, SPVA mode, normally black, 46-Inch viewable, 0.648(H) x 0.216(W)*3 mm pixel pitch | |
| Scanning Frequency | Horizontal : 30kHz~80kHz (Automatic) Vertical : 56Hz~75Hz (Automatic) | |
| Display Colors | 1.07 Billion colors | |
| Maximum Resolution | Horizontal : 1920 Pixels Vertical : 1024 Pixels | |
| Input Video Signal | H/V Separate, TTL, P. or N. | |
| Input Sync Signal | Analog 0.7 Vp-p +/- 5% positive at 75 ohm, internally terminated | |
| Maximum Pixel Clock rate | 166.8MHz | |
| Active Display Horizontal/Vertical | 34.86 (H) x 19.6 (V) inches/(885.6 (H) x 498.15 (V) mm) | |
| AC power voltage & Frequency | AC 110V~220V, 60 Hz | |
| Power Consumption | <250W (< 1W, stand by) | |
| Dimensions(W x D x H) Set | 43.55 x 4.1 x 27.8 inches (1106.3 x 104.2 x 706.2 mm) without stand 43.55 x 12.8 x 30.2 inches (1106.3 x 326 x 768 mm) with stand | |
| Weight Set (With stand) | 65.26 lbs (29.6kg) set / 81.57 lbs (37.0kg) package | |
| Environmental Considerations | Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 % | |
| TV System | Tuning | Frequency Synthesize |
| | System | NTSC-M |
| | Sound | MONO, STEREO, SAP |
| Antena Input | 75Ω | |
| Sound Characteristic | <ul style="list-style-type: none"> - MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | |

2-3 LNT5265F Specifications

| Item | Description | |
|---------------------------------------|---|----------------------|
| LCD Panel | TFT-LCD panel, RGB vertical stripe, SPVA mode, normally black, 52-Inch viewable, 0.648(H) x 0.216(W)*3 mm pixel pitch | |
| Scanning Frequency | Horizontal : 30kHz~80kHz (Automatic) Vertical : 56Hz~75Hz (Automatic) | |
| Display Colors | 1.07 Billion colors | |
| Maximum Resolution | Horizontal : 1920 Pixels Vertical : 1024 Pixels | |
| Input Video Signal | H/V Separate, TTL, P. or N. | |
| Input Sync Signal | Analog 0.7 Vp-p +/- 5% positive at 75 ohm, internally terminated | |
| Maximum Pixel Clock rate | 166.8MHz | |
| Active Display Horizontal/Vertical | 45.35(H) x 25.5(V) inches / (1152 x 648mm) | |
| AC power voltage & Frequency | AC 110V~220V, 60 Hz | |
| Power Consumption | <250W (< 1W, stand by) | |
| Dimensions(W x D x H) Set | 46.29 x 4.48 x 27.3 inches (1175.8 x 114 x 693.8mm) without stand 46.29 x 12.6 x 29.9 inches (1175.8 x 320 x 761.4mm) with stand | |
| Weight Set (With stand) | 67.9 lbs (30.8kg) set / 83.55 lbs (37.9kg) package | |
| Environmental Considerations | Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 % | |
| TV System | Tuning | Frequency Synthesize |
| | System | NTSC-M |
| | Sound | MONO, STEREO, SAP |
| Antena Input | 75Ω | |
| Sound Characteristic | <ul style="list-style-type: none"> - MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ +8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz | |

2-4 Option Specification

| Item | Item Name | Code.No | Remark |
|---|--|--|--------|
|  | Remote Control & Batteries (AAA x 2) | BN59-00599A | |
|  | Power Cord | 3903-000144 | |
|  | Cover-Bottom | BN63-03308A | |
|  | Stand | 46" : BN96-05084A 52" : BN96-05084A | |
|  | Owner's Instructions | BN68-01178A | |
|  | Cleaning Cloth | BN63-01798A | |
|  | Warranty Card / Registration Card /Safety Guide Manual (Not available in all locations) | 6801-001011 | |

3 Alignments and Adjustments

3-1 General Alignment Instruction

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

3-2 Factory Mode Adjustments

3-2-1 Entering Factory Mode

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

- If you do not have Factory remote - control



3-2-2 How to Access Service Mode

■Using the Customer Remote

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

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-LX | EEPROM Access Count |
| FBE2 | RESET |
| MSP44XX | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

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

6. Buttons operations withn Service Mode

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

3-2-3 Factory Data

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-BRDPAUS5_C007 [Sec : 08] | |

| |
|------------------|
| AV Calibration |
| Comp Calibration |
| PC Calibration |
| HDMI Calibration |

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

| | |
|-----------------|---------|
| Caption Level | 10 |
| Watchdog Enable | 1 |
| Spread Spectrum | >> |
| MODEL | Tulip |
| Panel Option | None |
| PWM Dimming | INT |
| NIM Version | KS1410 |
| AUTO WALL | On |
| RS-232 JACK | Product |
| Gamma | 0.95 |
| HSCB | WCG1 |
| LVDS_TX_Fmt | [2] |
| LVDS_TX_Bit | 10Bit |

| | |
|--------------------|--------|
| Panel Display Time | 14Hr |
| Mute Time[RF] | 2 |
| CH Memory | SAMEX |
| shop mode | Off |
| Downloadable RRT | On |
| PC Mode ident | Auto |
| IRE | Off |
| IRE Offset | 20 |
| HDMI Hot plug | Enable |
| HDMI Delay Time | 300 |
| HDMI Mode Ident | Auto |
| Select FBE | FBE2x |

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

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

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

| | | | |
|------------------|---------|-----------------|----|
| W/B MOVIE ON/OFF | Off | Nor_Rgain | 0 |
| MODE | Dynamic | Nor_Bgain | 0 |
| Color Tone | Cool1 | Nor_Roffset | 0 |
| Msub Contrast | 128 | Nor_Boffset | 0 |
| Msub Bright | 128 | C2_Rgain | 0 |
| W1_Rgain | 0 | C2_Bgain | 0 |
| W1_Bgain | 0 | C2_Roffset | 0 |
| W1_Roffset | 0 | C2_Boffset | 0 |
| W1_Boffset | 0 | Movie Contrast | 80 |
| W2_Rgain | 0 | Movie Bright | 45 |
| W2_Bgain | 0 | Movie Color | 45 |
| W2_Roffset | 0 | Movie Sharpness | 20 |
| W2_Boffset | 0 | | |

3 Alignments and Adjustments

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-BRDPAUS5_C007 [Sec : 08] | |

| | |
|--------------------|-----|
| Sharpness | >> |
| LNA PLUS | >> |
| UV Dealy | >> |
| PGA | >> |
| Calibration Target | >> |
| CLK_A | 16 |
| CLK_B | 133 |
| Roffset | 68 |
| Goffset | 68 |
| Boffset | 68 |
| BGain | 294 |
| GGain | 294 |
| BGain | 294 |

| | |
|-----------|----|
| H2gain | 16 |
| H4gain | 4 |
| V2gain | 16 |
| V4gain | 16 |
| Sr2gain | 2 |
| Sr4gain | 0 |
| Sl2gain | 2 |
| Sl4gain | 0 |
| Peakth1 | 4 |
| Peakth2 | 47 |
| Sub_Color | 60 |

| | |
|--------------------|-----|
| Sharpness | >> |
| LNA PLUS | >> |
| UV Dealy | >> |
| PGA | >> |
| Calibration Target | >> |
| CLK_A | 16 |
| CLK_B | 133 |
| Roffset | 68 |
| Goffset | 68 |
| Boffset | 68 |
| BGain | 294 |
| GGain | 294 |
| BGain | 294 |

| | |
|------------------|-----|
| dB0_Peaking_th1 | 2 |
| dB0_Vpeaking_th1 | 4 |
| dB1_NoiseAmount | 10 |
| dB1_Peaking_th1 | 12 |
| dB1_Vpeaking_th1 | 12 |
| dB2_NoiseAmount | 25 |
| dB2_Peaking_th1 | 32 |
| dB2_Vpeaking_th2 | 32 |
| dB3_NoiseAmount | 40 |
| dB3_Peaking_th1 | 128 |
| dB3_Vpeaking_th1 | 80 |

| | |
|--------------------|-----|
| Sharpness | >> |
| LNA PLUS | >> |
| UV Dealy | >> |
| PGA | >> |
| Calibration Target | >> |
| CLK_A | 16 |
| CLK_B | 133 |
| Roffset | 68 |
| Goffset | 68 |
| Boffset | 68 |
| BGain | 294 |
| GGain | 294 |
| BGain | 294 |

| | |
|---------|-----|
| U Delay | 255 |
| V Delay | 255 |

| | | |
|--------------------|-----|----------------------|
| Sharpness | >> | |
| LNA PLUS | >> | |
| UV Dealy | >> | |
| PGA | >> | |
| Calibration Target | >> | |
| CLK_A | 16 | |
| CLK_B | 133 | |
| Roffset | 68 | |
| Goffset | 68 | |
| Boffset | 68 | |
| BGain | 294 | |
| GGain | 294 | |
| BGain | 294 | |
| | | TCD3_Contrast 111 |
| | | TCD3_Bright 47 |
| | | TCD3_YC_Delay 0 |
| | | ANALOG_Y_Offset 64 |
| | | ANALOG_PB_Offset 128 |
| | | ANALOG_PR_Offset 128 |
| | | ANALOG_Y_Gain 183 |
| | | ANALOG_PB_Gain 128 |
| | | ANALOG_PR_Gain 128 |

| | | | | | |
|--------------------|-----|----------------|------|----------------|------|
| Sharpness | >> | 1st_AV_LOW | 0x10 | 2st_AV_High | 0xEB |
| LNA PLUS | >> | 1st_AV_High | 0xDC | 2st_AV_Delta | 0x8 |
| UV Dealy | >> | 1st_AV_Delta | 0x4 | 2st_COMP_LOW | 0x1 |
| PGA | >> | 1st_COMP_LOW | 0x10 | 2st_COMP_High | 0xB |
| Calibration Target | >> | 1st_COMP_High | 0xEB | 2st_COMP_Delta | 0x8 |
| CLK_A | 16 | 1st_COMP_Delta | 0x4 | 2st_PC_LOW | 0x1 |
| CLK_B | 133 | 1st_PC_LOW | 0x4 | 2st_PC_High | 0xEB |
| Roffset | 68 | 1st_PC_High | 0xEB | 2st_PC_Delta | 0x8 |
| Goffset | 68 | 1st_PC_Delta | 0x4 | 2st_HDMI_LOW | 0x1 |
| Boffset | 68 | NONE | | 2st_HDMI_High | 0xEB |
| BGain | 294 | NONE | | 2st_HDMI_Delta | 0x8 |
| GGain | 294 | NONE | | | |
| BGain | 294 | 2st_AV_LOW | 0x1 | | |

| | | | | | |
|-----------------------------|---------------------|--------------|-----|----------------|-----|
| NTSC-RF | | Patt-Sel | 0 | Skin-Enable | 1 |
| Calibration | Submicom Download | B-Slope Gain | 44 | Skin-Tu | 128 |
| Option Byte | Checksum | B-Tilt Min | 20 | Skin-Tv | 110 |
| White Balance | KS1410 | B-Tilt Max | 120 | Sub Color | 128 |
| W/B MOVIE | Dynamic Contrast | Lfunc Basis | 65 | M-Skin-Tu | 128 |
| SVP-PX | EEPROM Access Count | Hfunc Basis | 88 | M-Skin-Tv | 128 |
| FBE2 | RESET | Mean offset1 | 45 | M-Au-Sub color | 128 |
| MSP4440K | | Mean offset2 | 175 | MW_Skin Tu | 128 |
| NTP3000 | | Mean slope | 70 | MW_Skin Tv | 128 |
| T-TULPAUS0_0025 Dec 26 2006 | | Input Offset | 128 | M-Wi-Sub color | 128 |
| T-BRDPAUS5_C007 [Sec : 08] | | Acr Offset | 15 | | |
| | | Arc Th1 | 30 | | |
| | | Acr th2 | 100 | | |

3 Alignments and Adjustments

| NTSC-RF | | |
|-----------------------------|---------------------|--|
| Calibration | Submicom Download | |
| Option Byte | Checksum | |
| White Balance | KS1410 | |
| W/B MOVIE | Dynamic Contrast | |
| SVP-PX | EEPROM Access Count | |
| FBE2 | RESET | |
| MSP4440K | | |
| NTP3000 | | |
| T-TULPAUS0_0025 Dec 26 2006 | | |
| T-BRDPAUS5_C007 [Sec : 08] | | |

| | |
|---------------------|-----|
| FM_Precale | 31 |
| NICAM_Prescale | 7 |
| SpdifDely | 0 |
| InternalDelayDtv | 0 |
| InternalDelayAnalog | 45 |
| Carrier Mute | 1 |
| Pilot High | 13 |
| Pilot Low | 7 |
| Scart1 Out Volume | 109 |
| Scart2 Out Volume | 115 |

| NTSC-RF | | |
|-----------------------------|---------------------|--|
| Calibration | Submicom Download | |
| Option Byte | Checksum | |
| White Balance | KS1410 | |
| W/B MOVIE | Dynamic Contrast | |
| SVP-PX | EEPROM Access Count | |
| FBE2 | RESET | |
| MSP4440K | | |
| NTP3000 | | |
| T-TULPAUS0_0025 Dec 26 2006 | | |
| T-BRDPAUS5_C007 [Sec : 08] | | |

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

| NTSC-RF | | |
|-----------------------------|---------------------|--|
| Calibration | Submicom Download | |
| Option Byte | Checksum | |
| White Balance | KS1410 | |
| W/B MOVIE | Dynamic Contrast | |
| SVP-PX | EEPROM Access Count | |
| FBE2 | RESET | |
| MSP4440K | | |
| NTP3000 | | |
| T-TULPAUS0_0025 Dec 26 2006 | | |
| T-BRDPAUS5_C007 [Sec : 08] | | |

| | |
|-------------------|---|
| Submicom Download | 0 |
|-------------------|---|

| NTSC-RF | | |
|-----------------------------|---------------------|--|
| Calibration | Submicom Download | |
| Option Byte | Checksum | |
| White Balance | KS1410 | |
| W/B MOVIE | Dynamic Contrast | |
| SVP-PX | EEPROM Access Count | |
| FBE2 | RESET | |
| MSP4440K | | |
| NTP3000 | | |
| T-TULPAUS0_0025 Dec 26 2006 | | |
| T-BRDPAUS5_C007 [Sec : 08] | | |

| | |
|----------|--------|
| Checksum | [0000] |
|----------|--------|

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

| | | | |
|--------------------|--------|---------------|--------|
| RF_AGC | 0x8A | VSF_EQ_STEP | 0x6111 |
| VSF-CR_GAIN | 0x2E | VSF_PTL_STEP | 0x522 |
| VSF-CR_K1_1_NARROW | 0xE | VSF_PTL_ALPHA | 0x55 |
| VSF-CR_K1_1_WIDE | 0xC | QAM_AGC | 0x2A38 |
| VSF-CR_K1_2_NARROW | 0xD | QAM_EQ_STEP1 | 0x312F |
| VSF-CR_K1_2_WIDE | 0xC | QAM+EQ_STEP2 | 0xA8B0 |
| VSF-CR_K2_1_NARROW | 0x12 | QAM_PTL_K1 | 0X37 |
| VSF-CR_K2_1_WIDE | 0x10 | QAM_PTL_K2 | 0x2D |
| VSF-CR_K2_2_NARROW | 0x11 | | |
| VSF-CR_K2_2_WIDE | 0x10 | | |
| VSF_EQ_CTRL1 | 0x30E | | |
| VSF_EQ_CTRL2 | 0x104 | | |
| VSF_EQ_INIT_STEP | 0x3161 | | |

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

| | |
|------------------|-----|
| Dynamic CE | Off |
| Dynamic Dimming | Off |
| FBE2 Y_MEAN READ | |

| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

| | | | |
|-----------------|----|-----------------|---|
| Addr:2DAA, Cnt: | 15 | Addr:329E, Cnt: | 6 |
| Addr:32A5, Cnt: | 15 | Addr:32A0, Cnt: | 6 |
| Addr:2DA8, Cnt: | 15 | Addr:329D, Cnt: | 6 |
| Addr:2D58, Cnt: | 15 | Addr:329C, Cnt: | 6 |
| Addr:2D5A, Cnt: | 15 | Addr:329B, Cnt: | 6 |
| Addr:2DA9, Cnt: | 14 | Addr:329A, Cnt: | 6 |
| Addr:2D5B, Cnt: | 14 | Addr:3299, Cnt: | 6 |
| Addr:2D59, Cnt: | 14 | Addr:3298, Cnt: | 6 |
| Addr:2DAB, Cnt: | 14 | Addr:3297, Cnt: | 6 |
| Addr:732E, Cnt: | 10 | Addr:2581, Cnt: | 6 |
| Addr:7331, Cnt: | 7 | Addr:329F, Cnt: | 6 |
| Addr:2A19, Cnt: | 7 | | |
| Addr:737F, Cnt: | 7 | | |

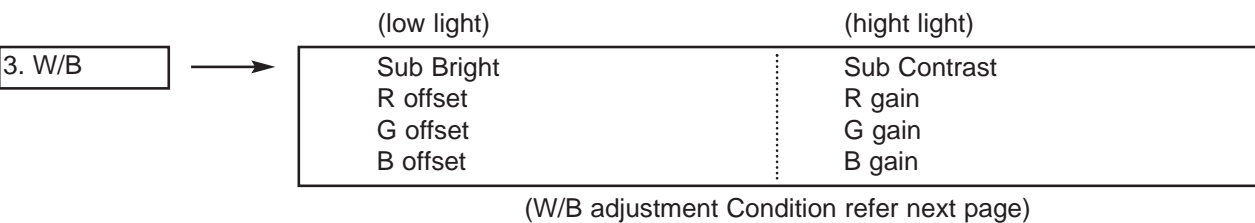
| NTSC-RF | |
|-----------------------------|---------------------|
| Calibration | Submicom Download |
| Option Byte | Checksum |
| White Balance | KS1410 |
| W/B MOVIE | Dynamic Contrast |
| SVP-PX | EEPROM Access Count |
| FBE2 | RESET |
| MSP4440K | |
| NTP3000 | |
| T-TULPAUS0_0025 Dec 26 2006 | |
| T-TULPAUS5-C007 [Sec : 08] | |

3-3 White Balance - Calibration

3-3-1 White Balance -Calibration



3-3-2 White Balance - Adjustment

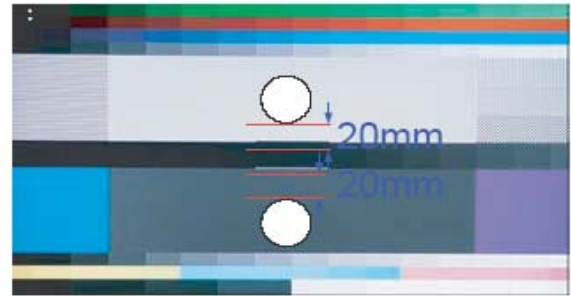


3-4 White Ratio (Balance) Adjustment

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

It varies with Panel's size and Specification.

- Equipment : CA-210
- Pattern: MIK K-7256 #92 "Flat W/B Pattern" as standard
 - Use other equipment only after comparing the result with that of the Master equipment.
- Set Aging time : 60min ↑
- Calibration and Manual setting for WB adjustment.



HDMI (Time #6 720P, Pattern #24 Chessboard Calibration ;æ #92 W/B)

COMP (Time #6 720P, Pattern #24 Chessboard Calibration)

CVBS (Time #3 NTSC-J, Pattern #24 Chessboard Calibration)

PC (Time #21 1024*768, Pattern #24 Chessboard Calibration)

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

- White Balance Manual Adjustment

| | (CS-1000) | | | | |
|----------------|-----------|-----|-----|------------------------|--------------|
| | | x | y | Y(L) | T(K) ± MPCD |
| CVBS (NTSC) | H/L | 266 | 288 | - (Sub_CT:130) | 12,000 (i¼0) |
| | L/L | 266 | 288 | 12.6 cd/m² (3.7 Ft) | 12,000 (i¼0) |
| COMP (720P) | H/L | 266 | 288 | - (Sub_CT:130) | 12,000 (i¼0) |
| | L/L | 266 | 288 | 13.0 cd/m² (3.8 Ft) | 12,000 (i¼0) |
| HDMI (720P) | H/L | 266 | 288 | - (Sub_CT:130) | 12,000 (i¼0) |
| | L/L | 266 | 288 | 13.0 cd/m² (3.8 Ft) | 12,000 (i¼0) |

- Adjustment Specification

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

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

3-5 Servicing Information

3-5-1 USB Download Method

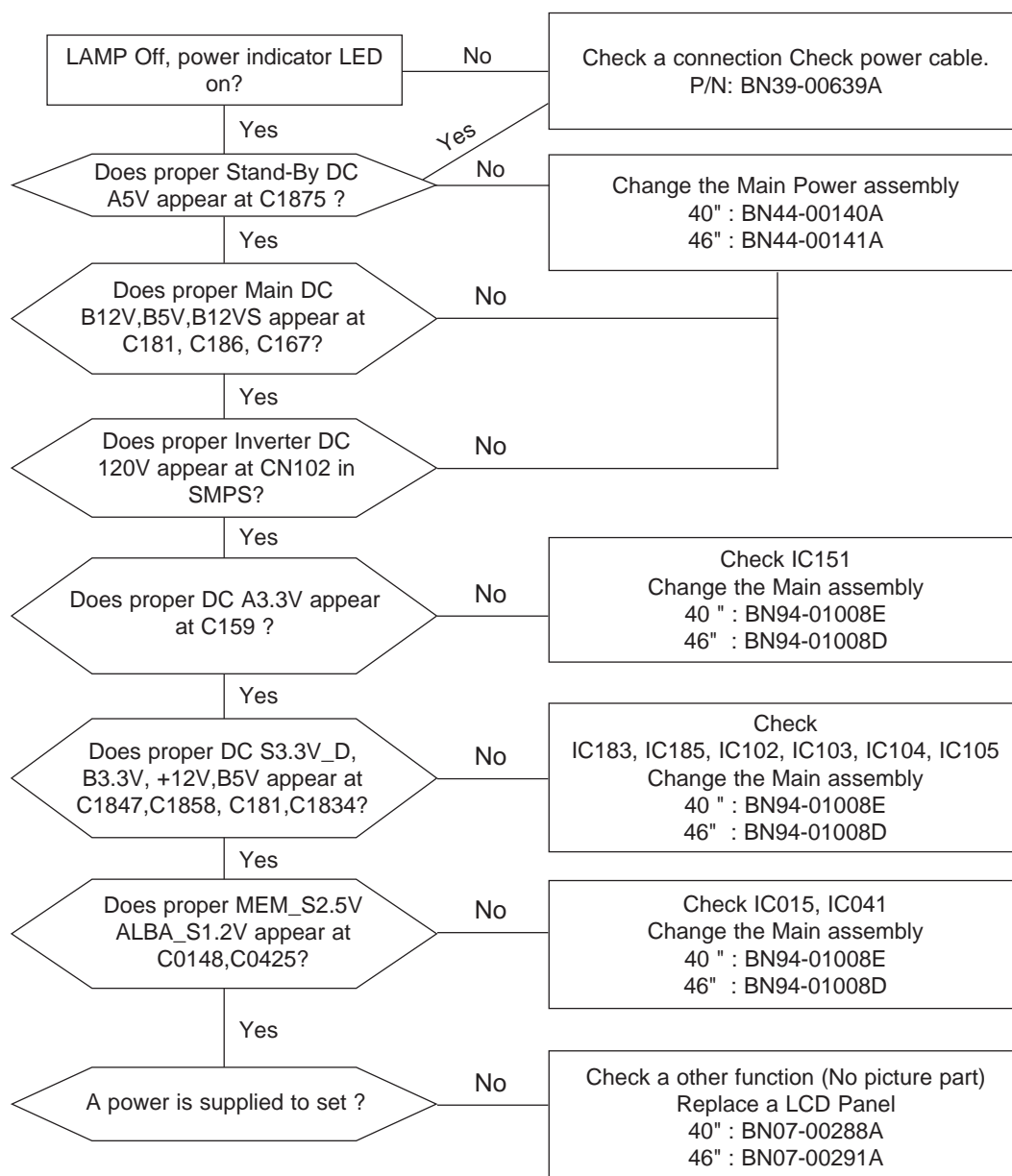
- (1) Change the the boot code's file name into "boot.bin" and application code's into "appl.rom"
- (2) Copy the Upgrade Files into the path "\\Tulip\\us" in USB flash driver.
- (3) Turn off LCD TV.
- (4) Insert the USB flash driver into the " WISELINK " jack on side of LCD TV.
- (5) Turn on LCD TV.
- (6) Press " MENU "
- (7) Select " SETUP "
- (8) Select " SW Upgrade "
- (9) Select " USB "
- (10) The banner OSD "Scaning for USB..." is displayed.
- (11) The banner OSD "Completed..." is displayed when the updating is completed.
- (12) Remove the USB flash driver from LCD TV.
- (13) Check the program version.

* How to check Program Version

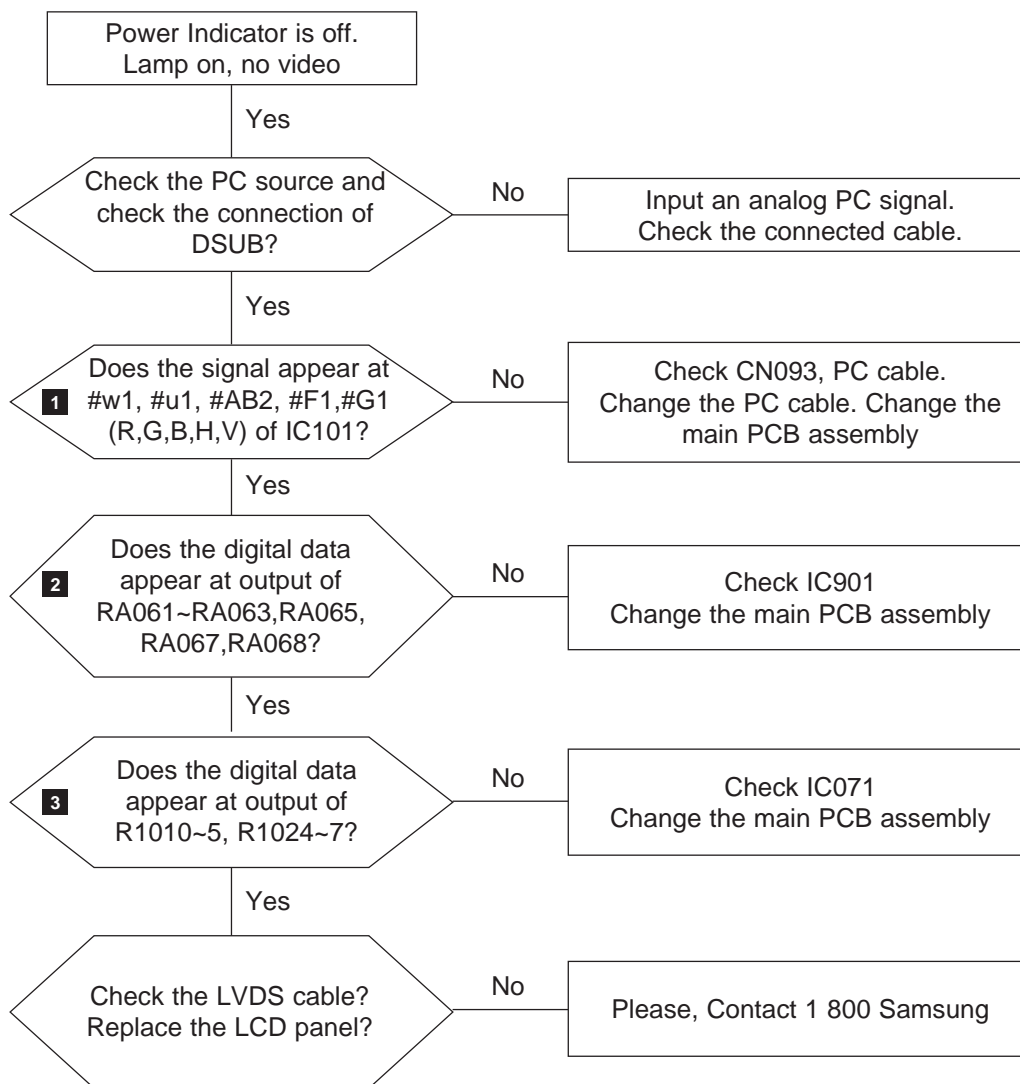
1. Press " MENU "
2. Select " SETUP "
3. Select " INFORMATION HELP "
4. Highlight " ON " option
5. Press " INFO " button on the remote control

4 Troubleshooting

4-1 No Power

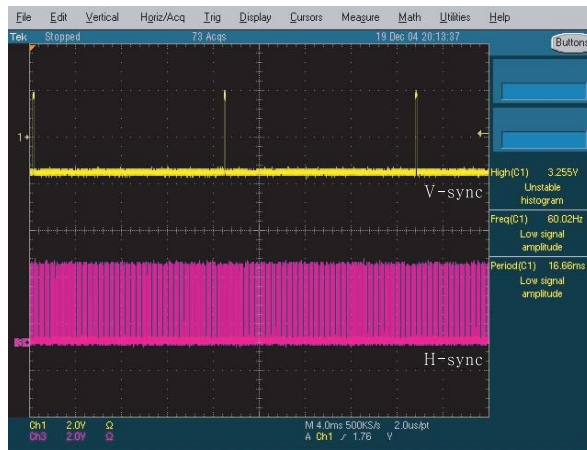


4-2 No Video (Analog PC Signal)



WAVEFORMS

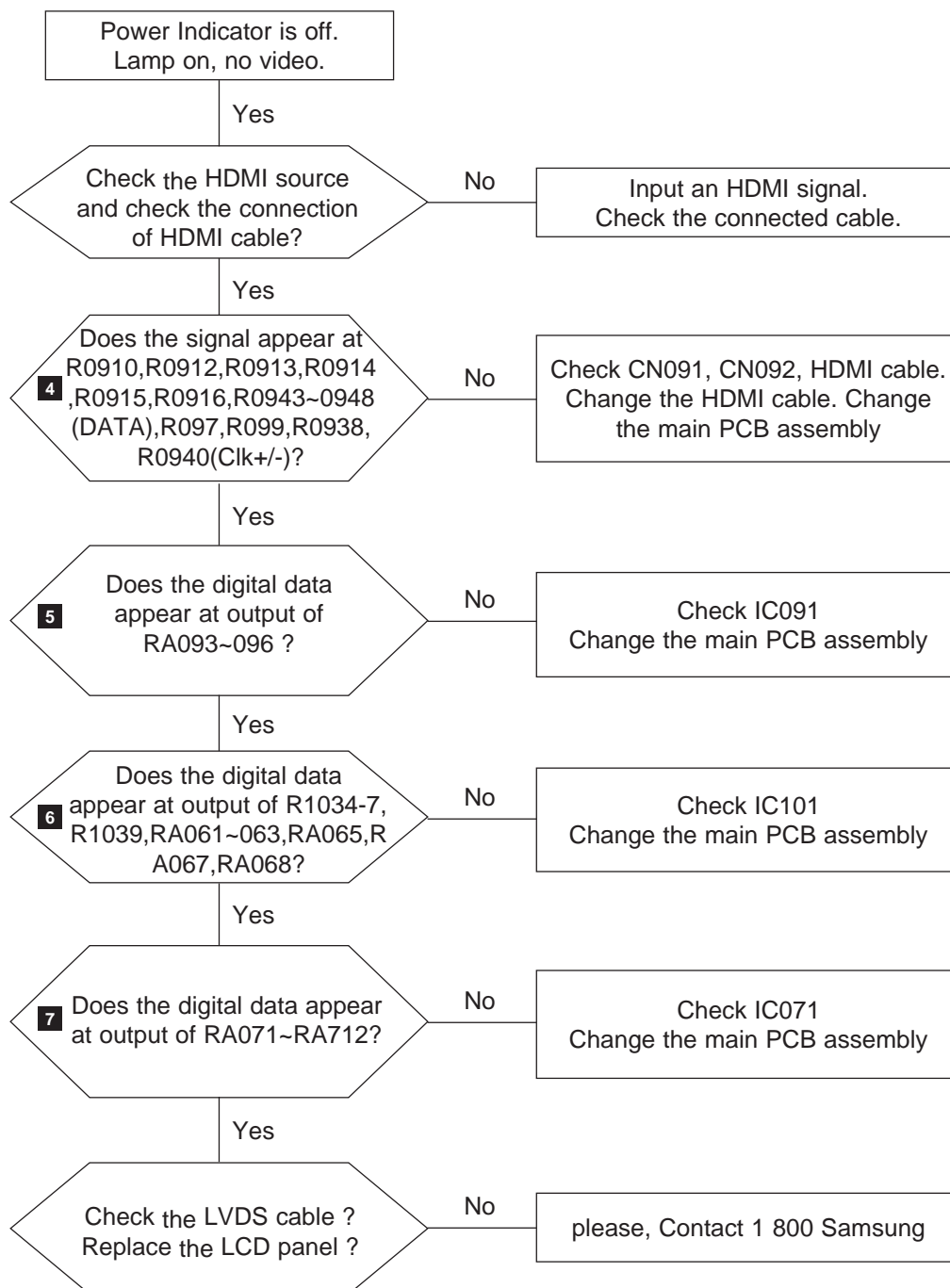
1 2 PC Input (V-Sync, H-Sync)



3 LVDS Out (CLK+ /-)



4-3 No Video (HDMI - Digital Signal)



WAVEFORMS

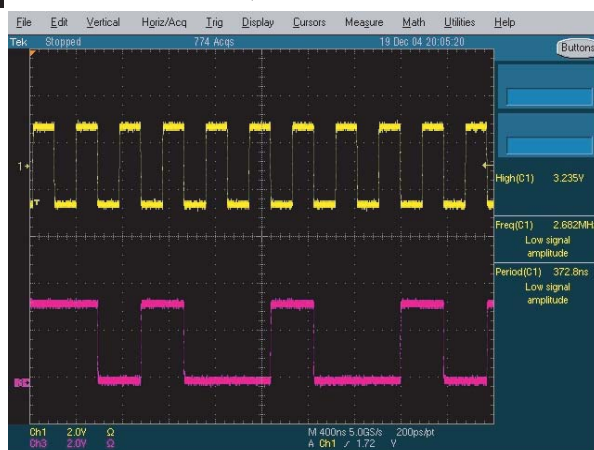
4 5 HDMI Input (CLK +/-)



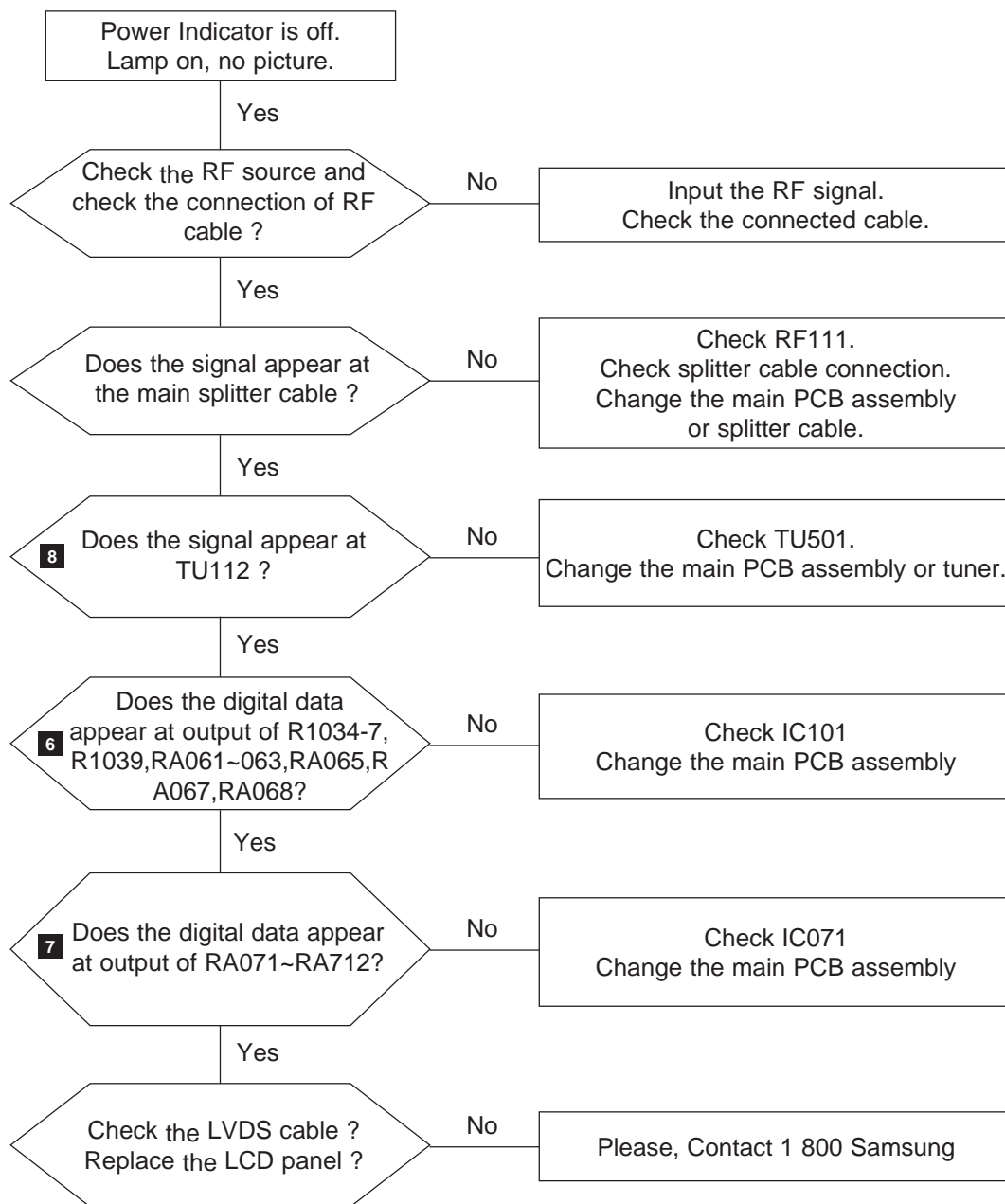
6 Tuner CVBS Out (Pattern: Grey Bar)



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

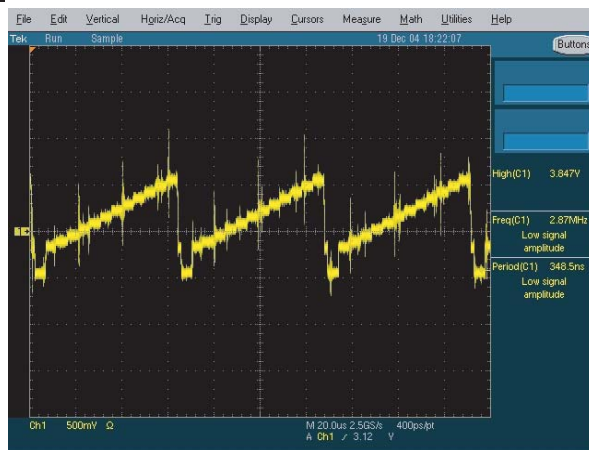


4-4 No Picture (Tuner_CVBS)

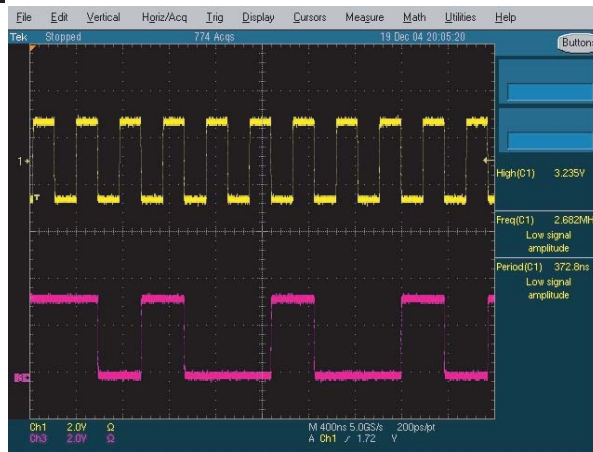


WAVEFORMS

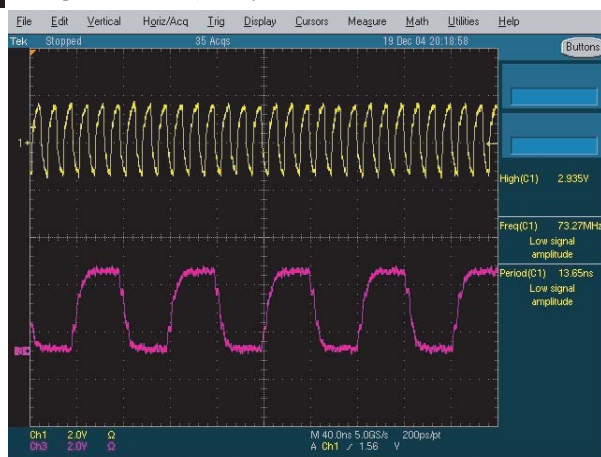
6 Tuner CVBS Out (Pattern: Grey Bar)



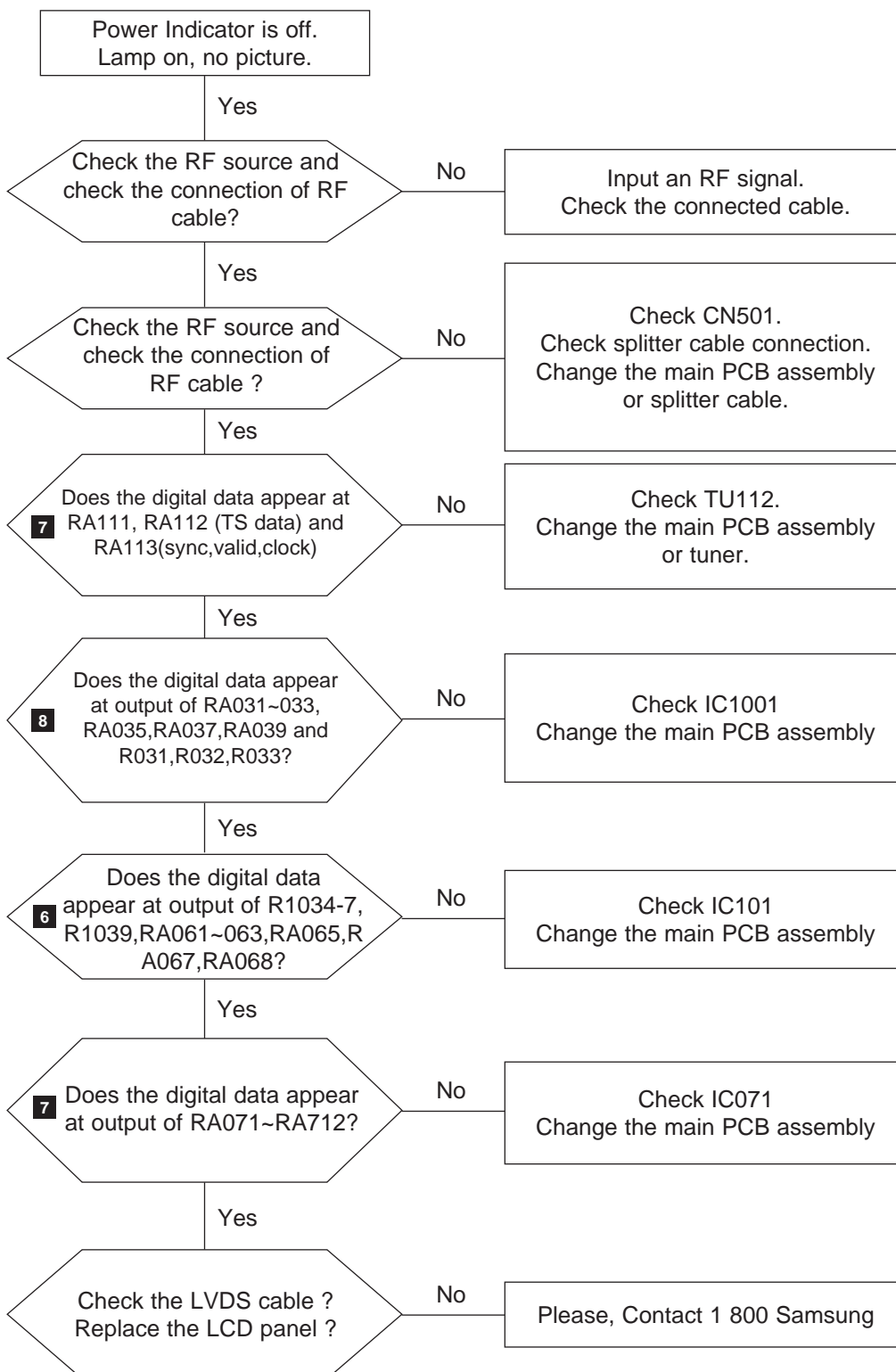
7 TS DATA Out (Clk, Data[0])



8 Eagle+ Out (Clk, H-Sync)

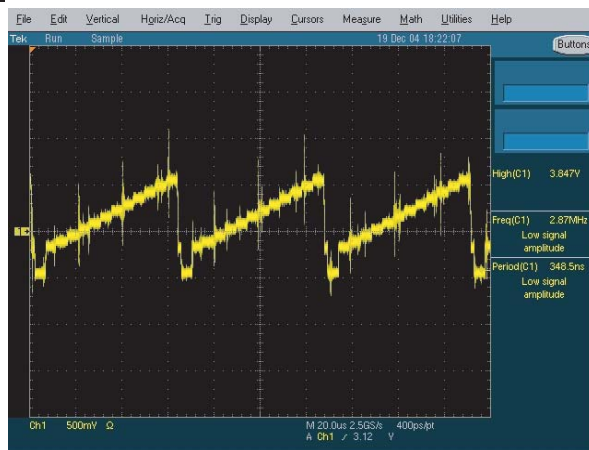


4-5 No Picture (Tuner DTV TS)

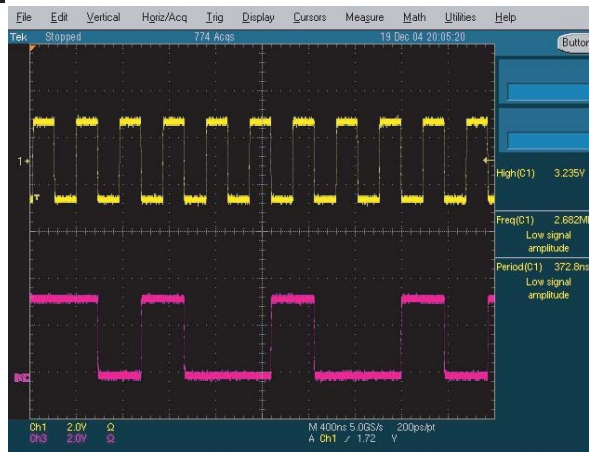


WAVEFORMS

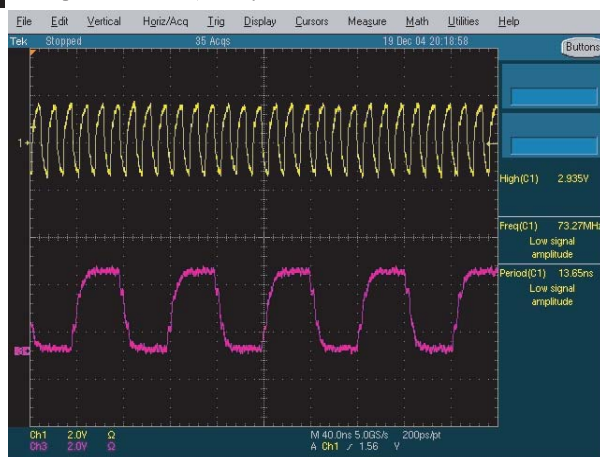
6 Tuner CVBS Out (Pattern: Grey Bar)



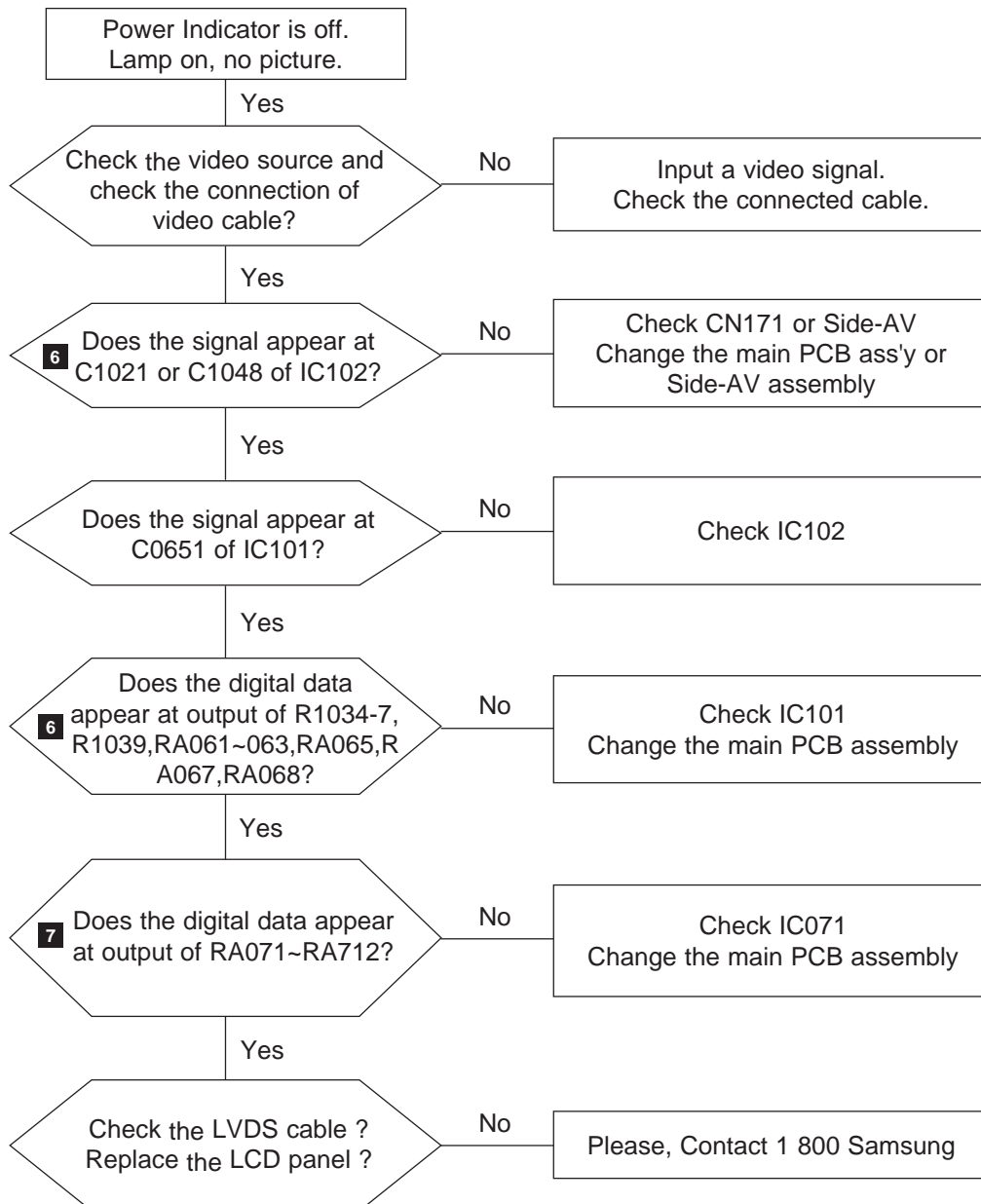
7 TS DATA Out (Clk, Data[0])



8 Eagle+ Out (Clk, H-Sync)

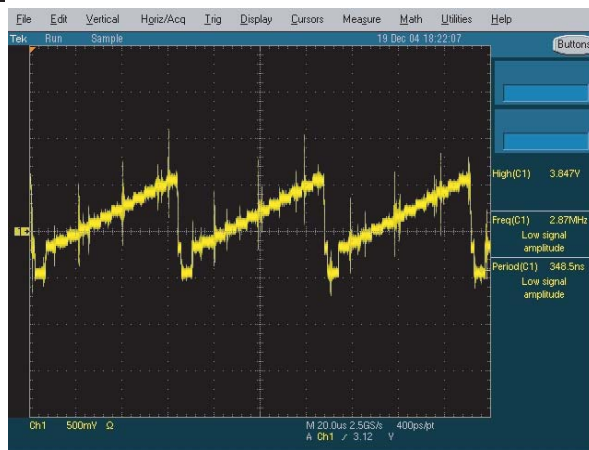


4-6 No Picture(Video CVBS)

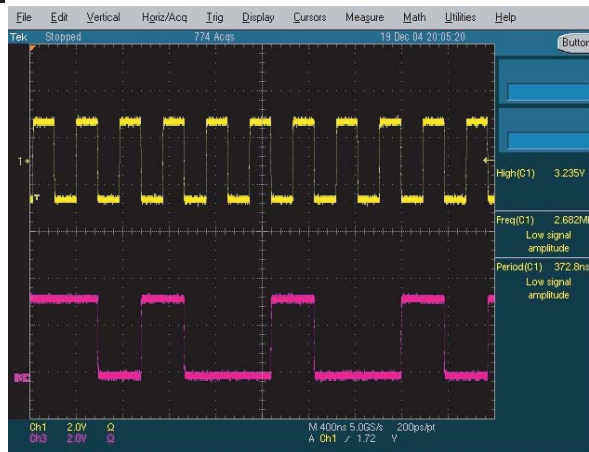


WAVEFORMS

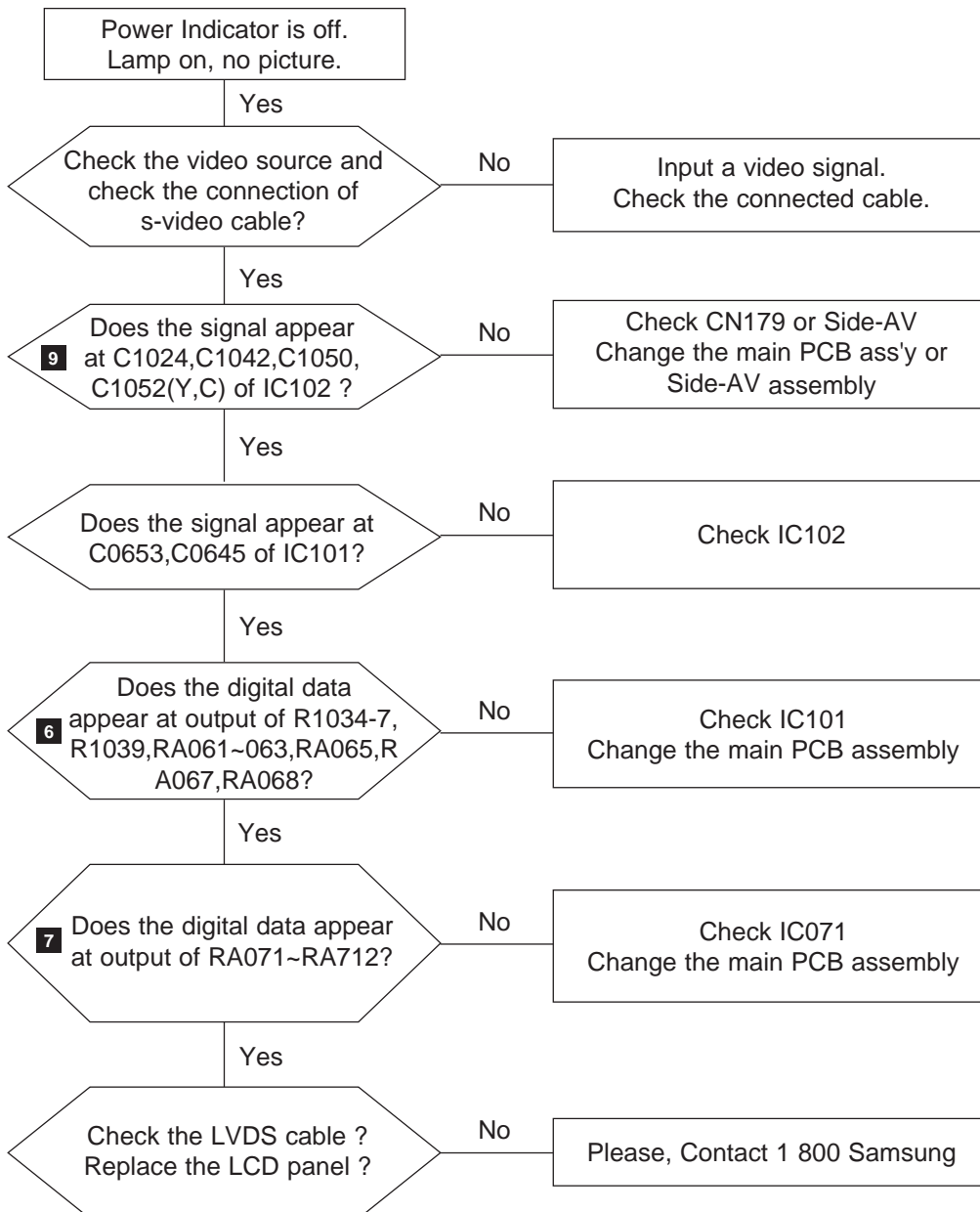
6 Tuner CVBS Out (Pattern: Grey Bar)



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

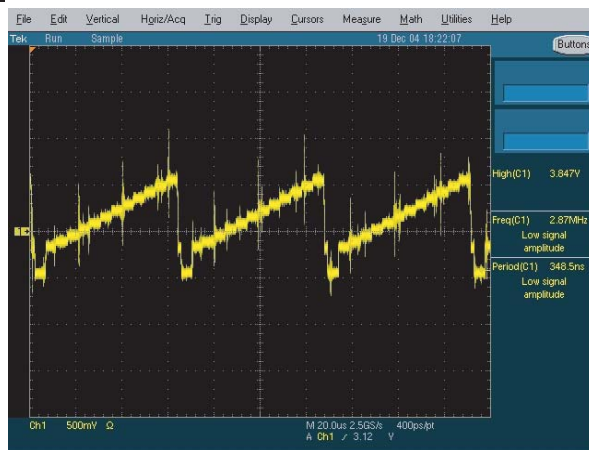


4-7 No Picture(S-Video 1,2)

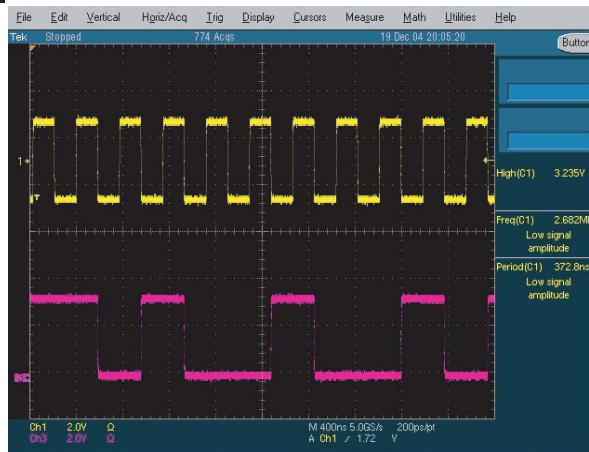


WAVEFORMS

6 Tuner CVBS Out (Pattern: Grey Bar)



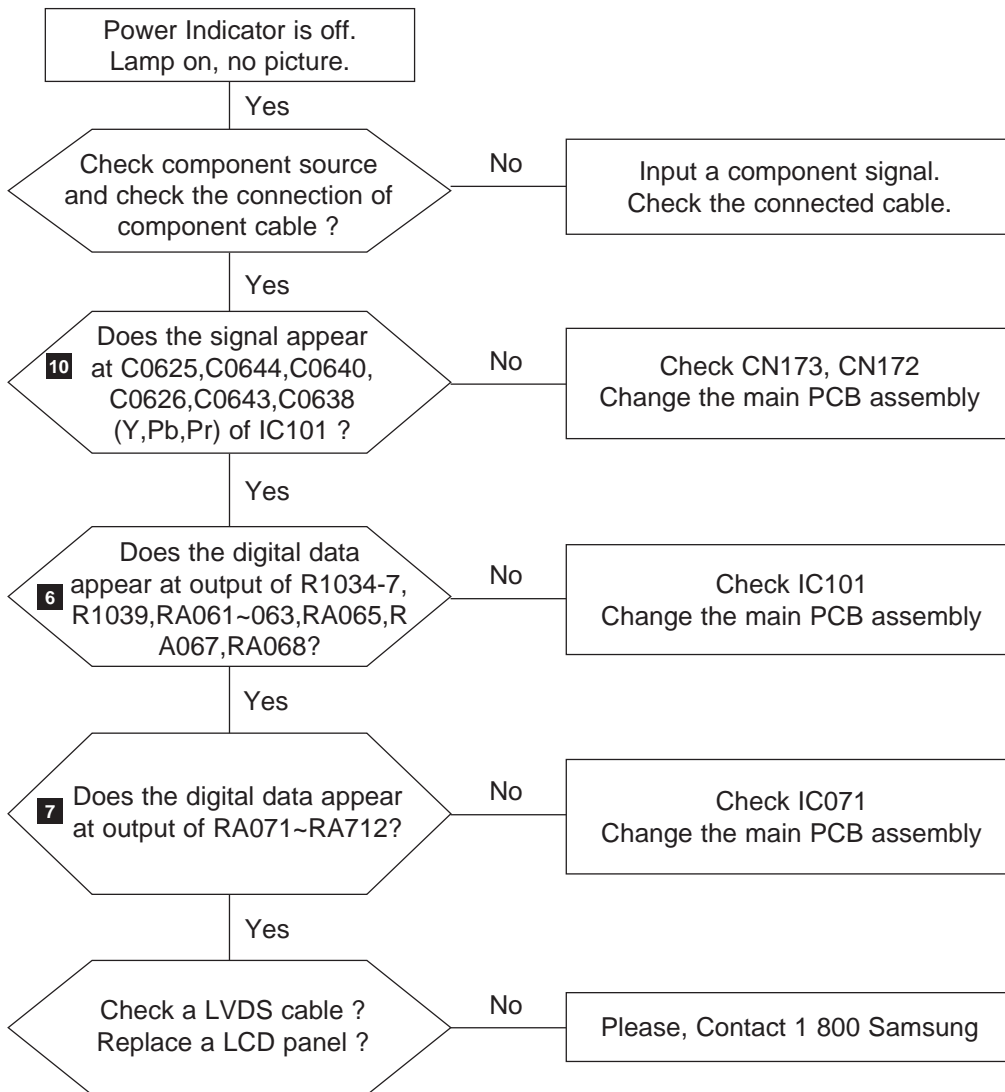
7 TS DATA Out (Cik, Data[0])



9 S-VIDEO Input (Y/C)

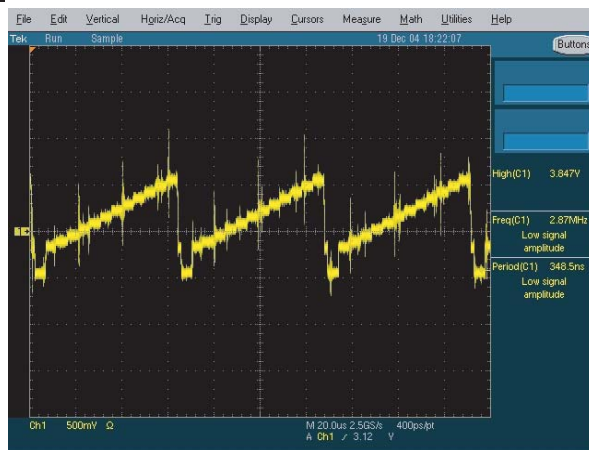


4-8 No Picture(Component1, 2 : 480i, 480p, 720p, 1080i[Y, Pb, Pr])

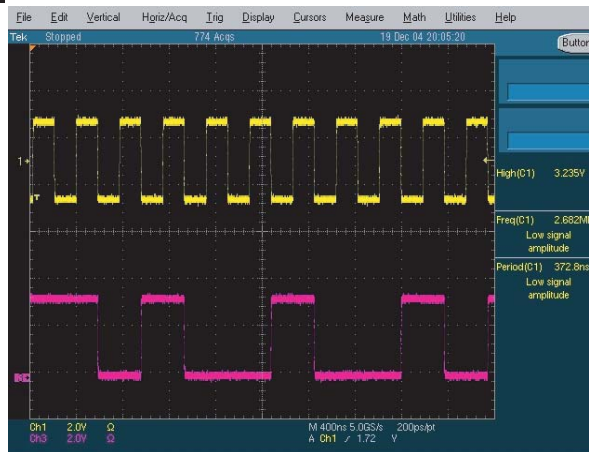


WAVEFORMS

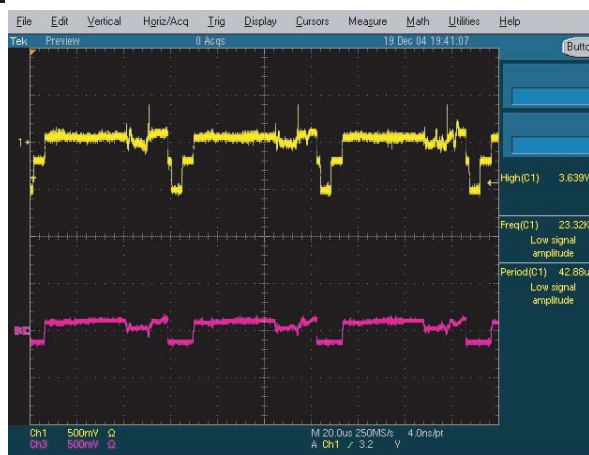
6 Tuner CVBS Out (Pattern: Grey Bar)



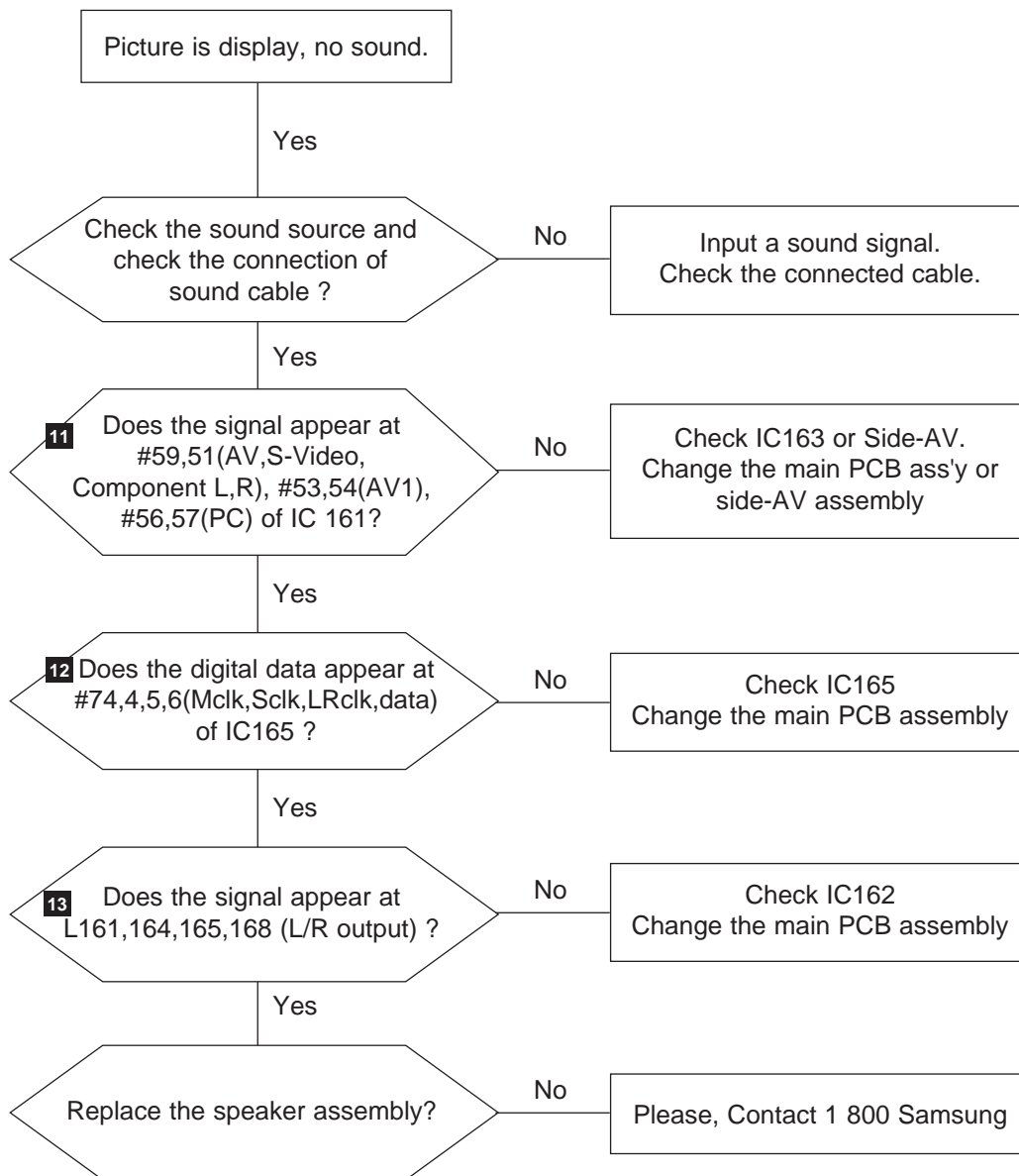
7 TS DATA Out (Clk, Data[0])



10 Component Input (Y/Pb)

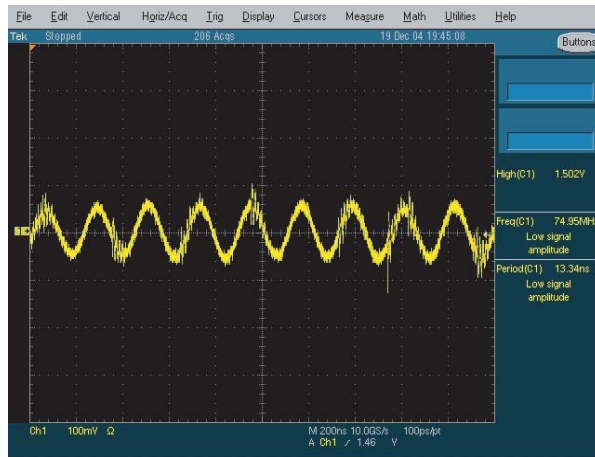


4-9 No Sound

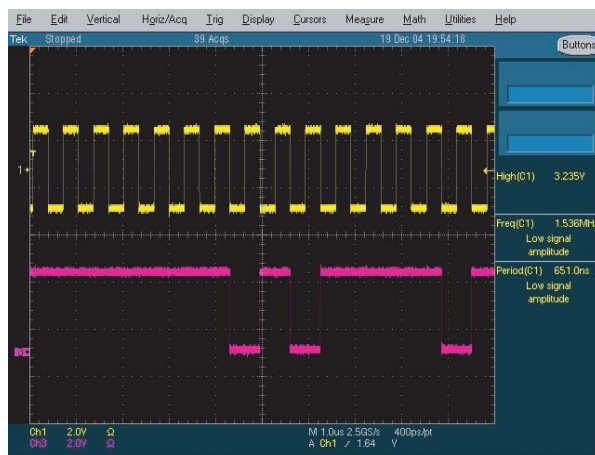


WAVEFORMS

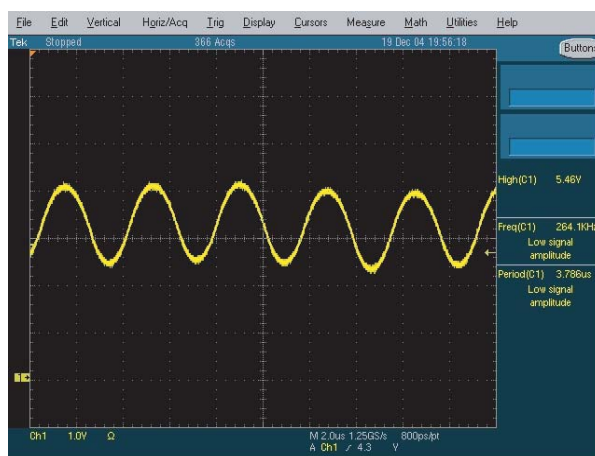
11 Audio Input (Sign Wave)



12 I2S Input (Clk, Data)



13 Audio Amp Out (Sign Wave)

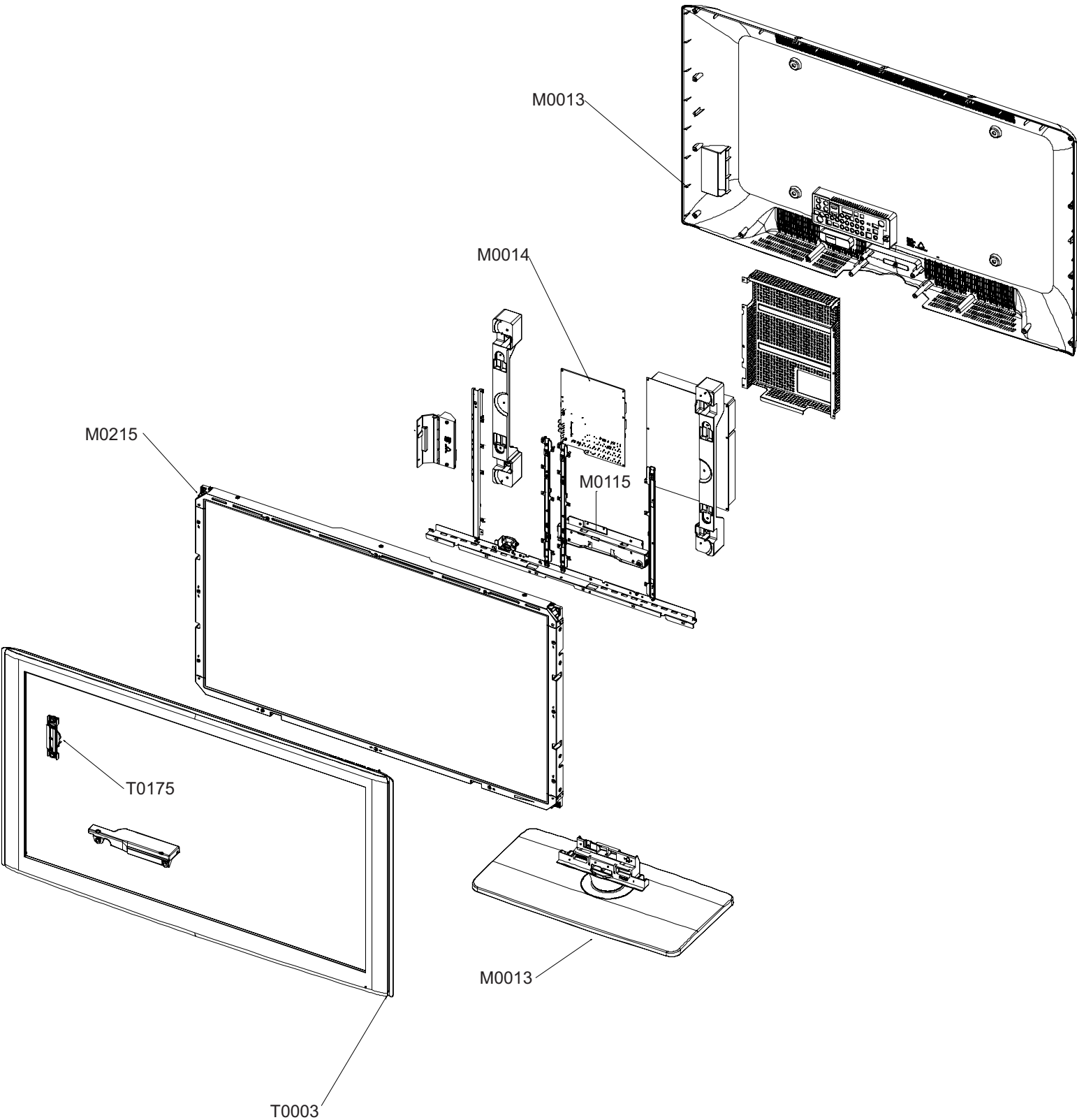


Memo

5 Exploded View and Parts List

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

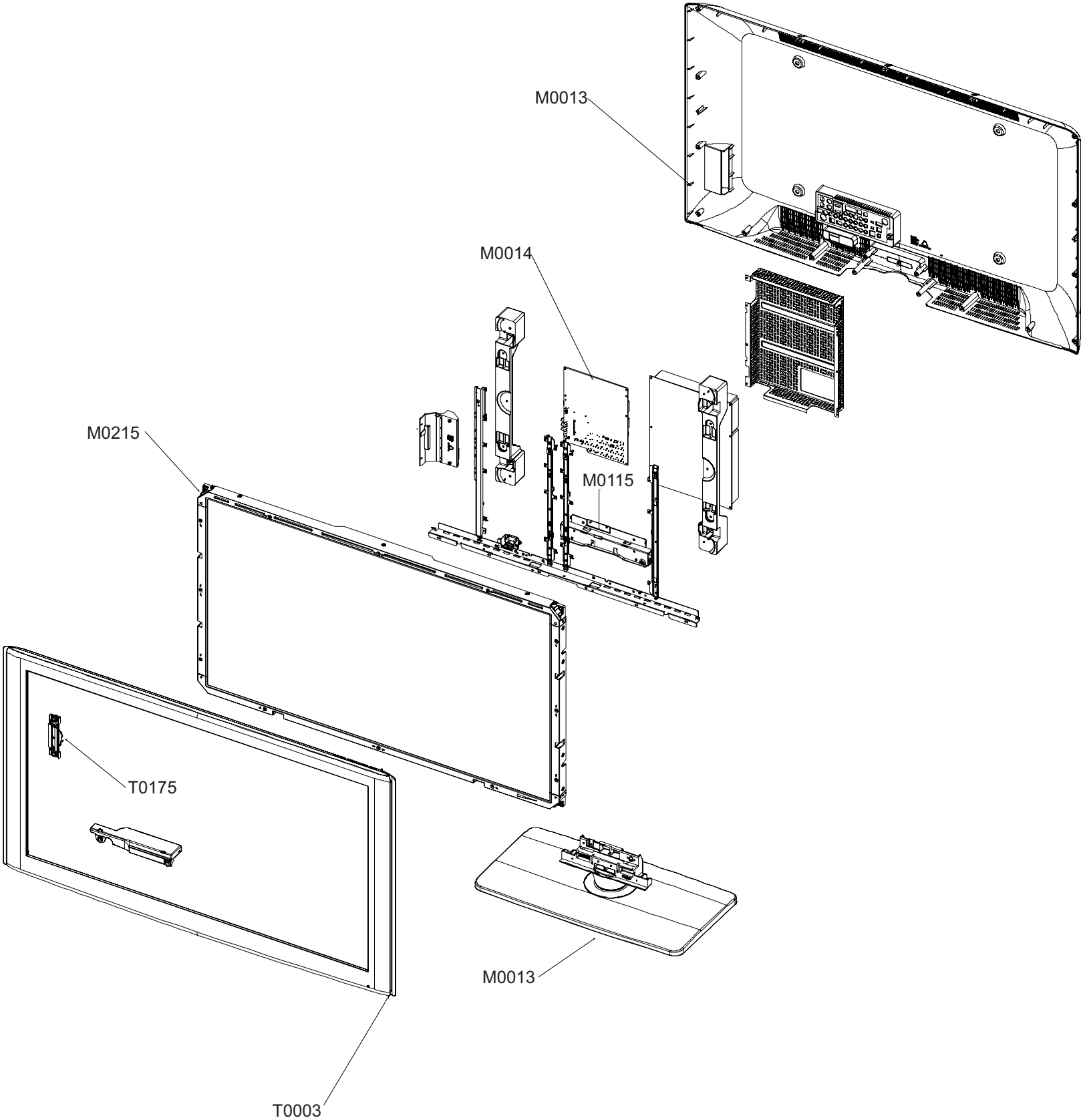
5-1 LNT4665F Exploded View



5-2 LNT4665F Parts List

| Location.No | CODE-NO | SPECIFICATION & DESCRIPTION | Q'TY | REMARK |
|-------------|-------------|--|------|--------|
| T0003 | BN96-05066A | ASSY COVER P-FRONT;TULIP SIDE,46 | 1 | S.N.A |
| M0215 | BN07-00391A | LCD-PANEL; LTA460HT-LH2,10bit,46inch,1.0 | 1 | S.A |
| T0175 | BN96-04958A | ASSY SPEAKER P;8ohm,Tulip side,side type | 1 | S.N.A |
| M0115 | BN61-03109A | BRACKET-STAND LINK;TULIP-SIDE 46,SECC,T1 | 1 | S.N.A |
| M0014 | BN94-01199B | ASSY PCB MAIN;LNT4661FX/* | 1 | S.A |
| M0013 | BN96-05084A | ASSY STAND P-BASE;TULIP SIDE,46 | 1 | S.N.A |
| M0013 | BN96-05081A | ASSY COVER P-REAR;TULIP SIDE,46 | 1 | S.N.A |

5-3 LNT5265F Exploded View



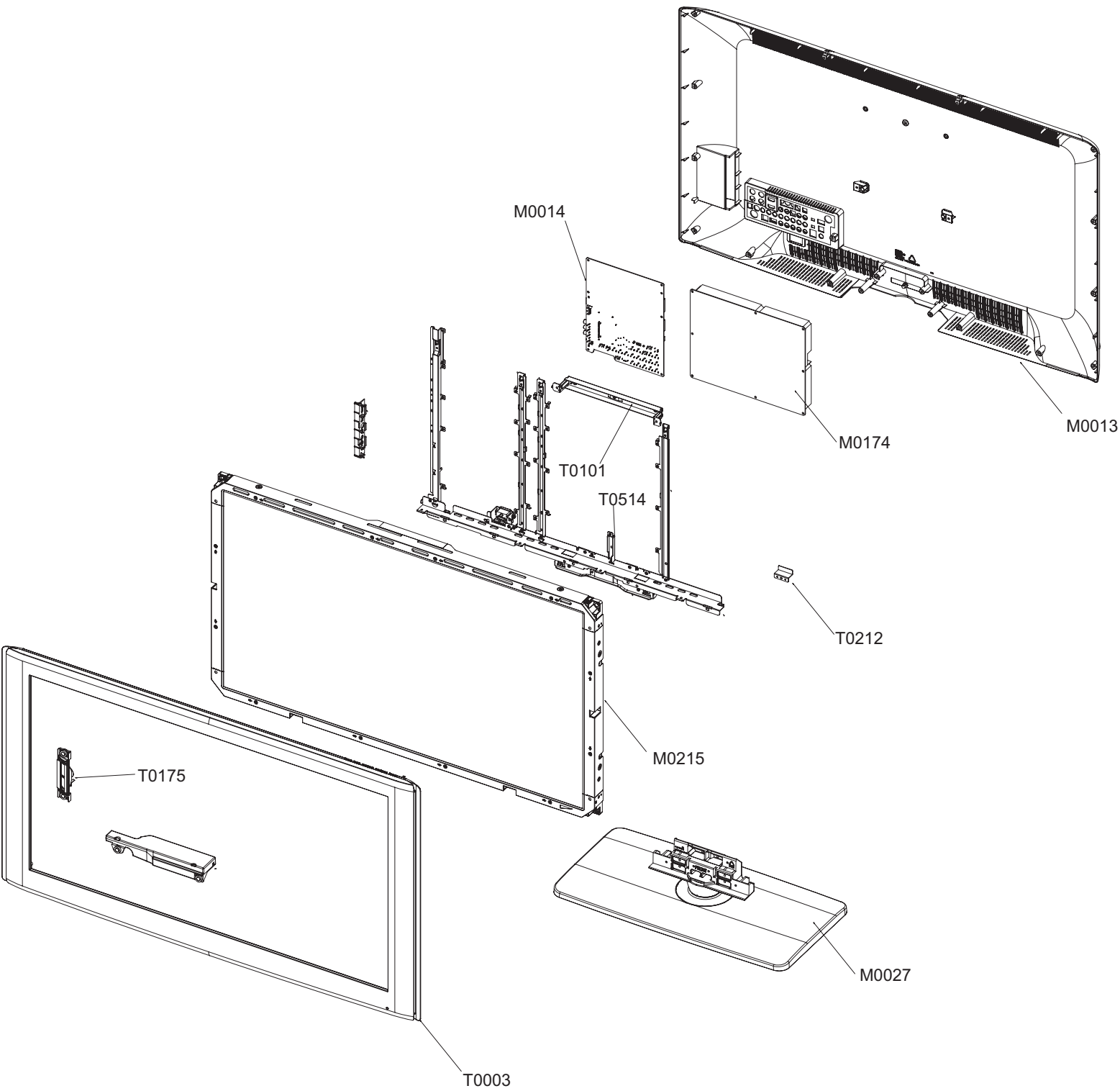
5-4 LNT5265F Parts List

| Location.No | CODE-NO | SPECIFICATION & DESCRIPTION | Q'TY | REMARK |
|-------------|-------------|--|------|--------|
| T0003 | BN96-05065A | ASSY COVER P-FRONT;TULIP SIDE,52 | 1 | S.N.A |
| M0215 | BN07-00394A | LCD-PANEL;LTA520HA03,10bit,52inch,1.07B, | 1 | S.A |
| T0175 | BN96-04958A | ASSY SPEAKER P;8ohm,Tulip side,side type | 1 | S.N.A |
| M0115 | BN61-03109A | BRACKET-STAND LINK;TULIP-SIDE 46,SECC,T1 | 1 | S.N.A |
| M0014 | BN94-01199C | ASSY PCB MAIN;LNT5261FX/* | 1 | S.A |
| M0013 | BN96-05084A | ASSY STAND P-BASE;TULIP SIDE,46 | 1 | S.N.A |
| M0013 | BN96-05080A | ASSY COVER P-REAR;TULIP SIDE,52 | 1 | S.N.A |

5 Exploded View and Parts List

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

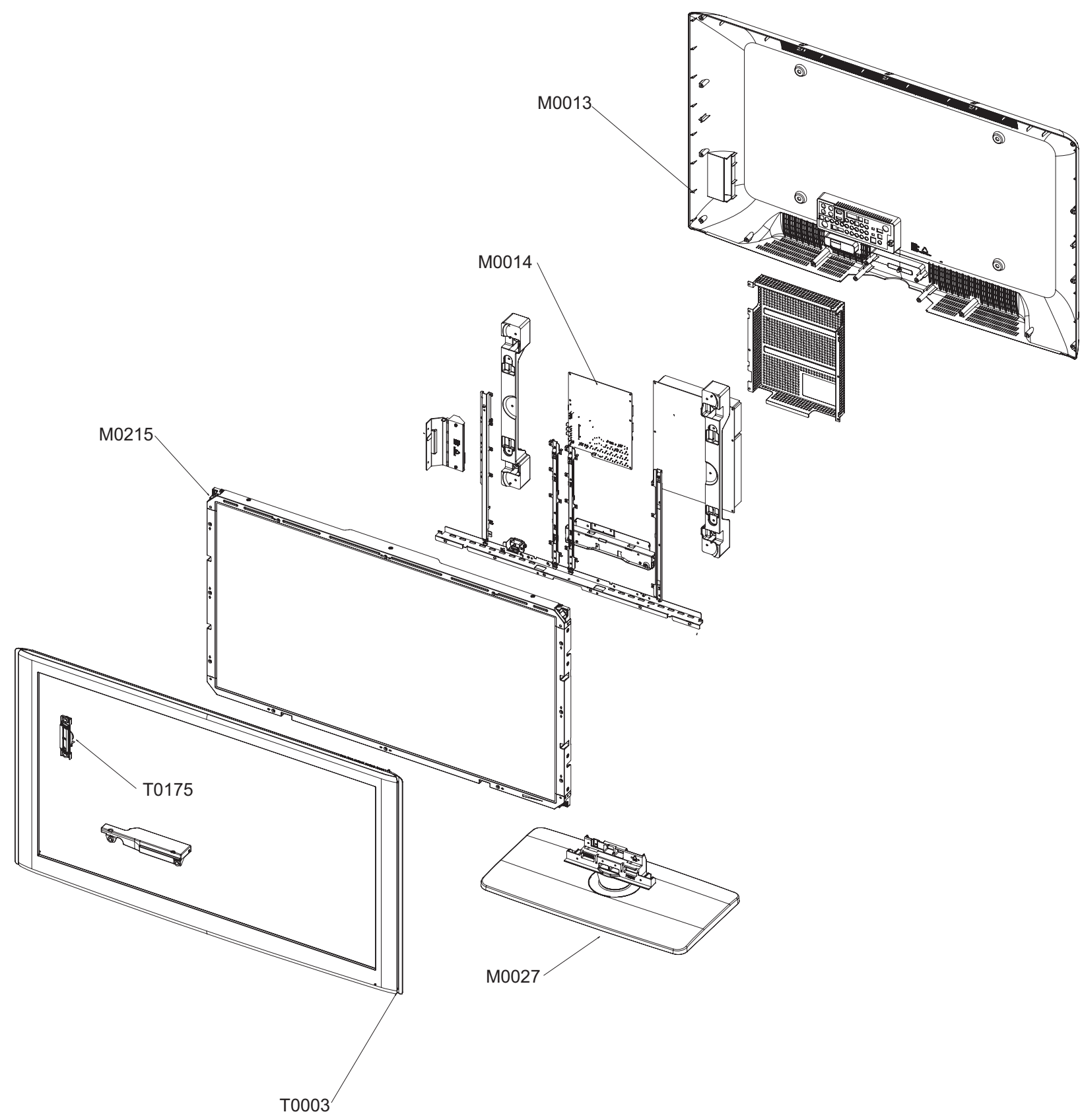
5-1 LNT4065F Exploded View



5-2 LNT4065F Parts List

| Location.No | CODE-NO | SPECIFICATION & DESCRIPTION | Q'TY | REMARK |
|-------------|-------------|--|------|--------|
| T0003 | BN96-05067A | ASSY COVER P-FRONT;40N81,UO,PC,V0,BK27,S | 1 | S.A |
| M0215 | BN07-00383A | LCD-PANEL;LTA400HT-LH1,10bit,40inch,1.07 | 1 | S.A |
| T0175 | BN96-04958A | ASSY SPEAKER P;8ohm,Tulip side,side type | 1 | S.A |
| T0514 | BN61-02368A | BRACKET-SUPPORT;BORDEAUX 40,SECC,T1.2 | 2 | S.N.A |
| M0014 | BN94-01199A | ASSY PCB MAIN;LNT4061FX/* | 1 | S.A |
| T0212 | BN61-03279A | BRACKET-PANEL;TULIP-SIDE 40,SECC,T1.2 | 1 | S.N.A |
| M0027 | BN96-05085A | ASSY STAND P-BASE;TULIP SIDE,40 | 1 | S.A |
| M0013 | BN96-05082A | ASSY COVER P-REAR;40N81,UO,PC+ABS,V0,BK2 | 1 | S.A |

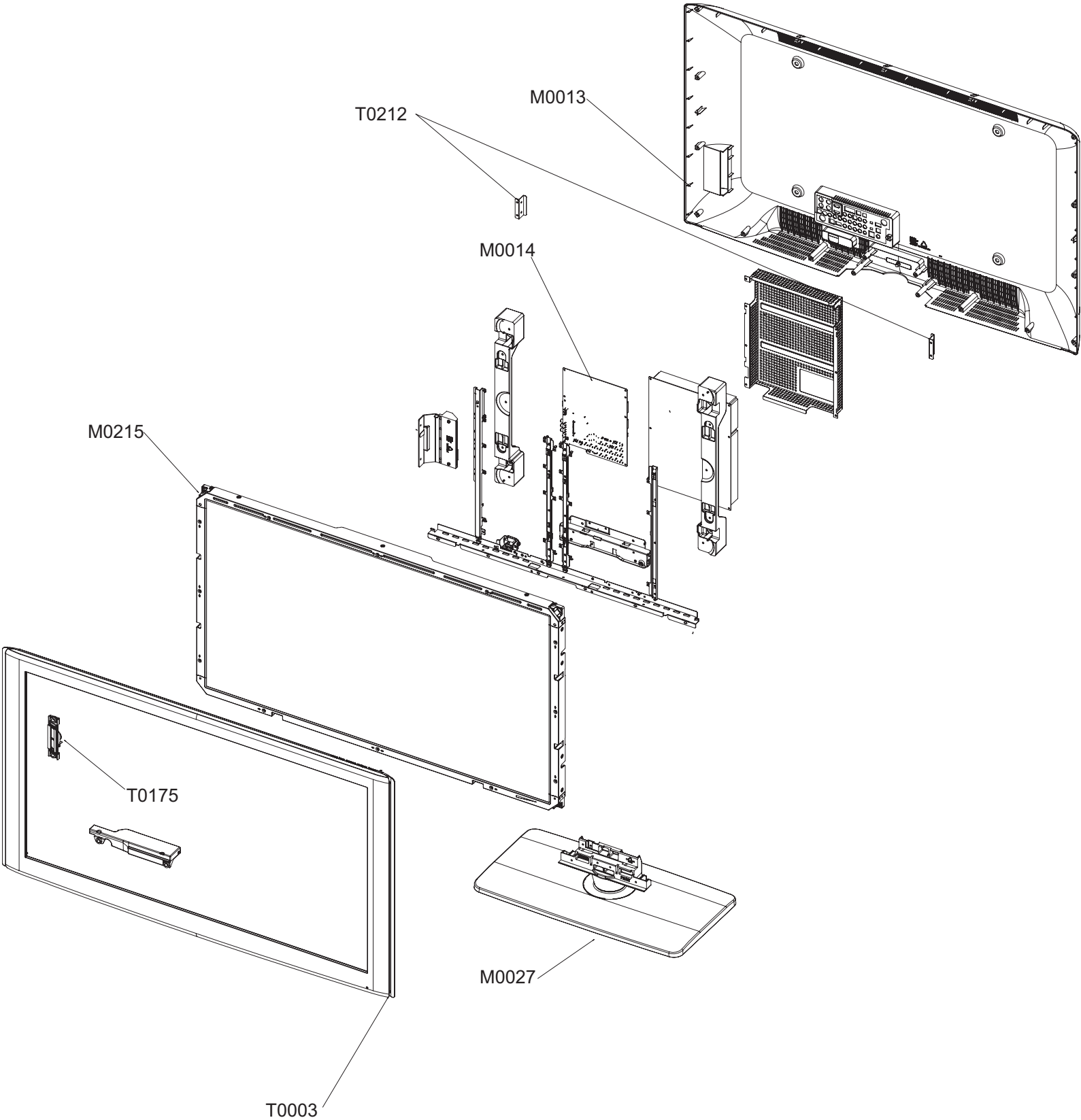
5-3 LNT4665F Exploded View



5-4 LNT4665F Parts List

| Location.No | CODE-NO | SPECIFICATION & DESCRIPTION | Q'TY | REMARK |
|-------------|-------------|--|------|--------|
| T0003 | BN96-05066A | ASSY COVER P-FRONT;46N81,UO,PC,V0,BK27,S | 1 | S.A |
| M0215 | BN07-00391A | LCD-PANEL; LTA460HT-LH2,10bit,46inch,1.0 | 1 | S.A |
| T0175 | BN96-04958B | ASSY SPEAKER P;8ohm,Tulip side 46", 50", | 1 | S.A |
| T0514 | BN61-02537A | BRACKET-SUPPORT;46M7,SECC,T2.0 | 2 | S.N.A |
| M0014 | BN94-01199B | ASSY PCB MAIN;LNT4661FX/* | 1 | S.A |
| M0027 | BN96-05084A | ASSY STAND P-BASE;TULIP SIDE,46 | 1 | S.A |
| M0013 | BN96-05081A | ASSY COVER P-REAR;46N81,UO,PC+ABS,V0,BK2 | 1 | S.A |

5-5 LNT5265F Exploded View



5-6 LNT5265F Parts List

| Location.No | CODE-NO | SPECIFICATION & DESCRIPTION | Q'TY | REMARK |
|-------------|-------------|--|------|--------|
| T0003 | BN96-05065A | ASSY COVER P-FRONT;52N81,UO,PC,V0,BK27,S | 1 | S.A |
| M0215 | BN07-00394A | LCD-PANEL;LTA520HA03,10bit,52inch,1.07B, | 1 | S.A |
| T0175 | BN96-04958B | ASSY SPEAKER P;8ohm,Tulip side 46", 50", | 1 | S.A |
| T0514 | BN61-02537A | BRACKET-SUPPORT;46M7,SECC,T2.0 | 2 | S.N.A |
| M0014 | BN94-01199F | ASSY PCB MAIN-AMLCD;LNT5265FX/XAA | 1 | S.N.A |
| M0027 | BN96-05084A | ASSY STAND P-BASE;TULIP SIDE,46 | 1 | S.A |
| M0013 | BN96-05080A | ASSY COVER P-REAR;52N81,UO,PC+ABS,V0,BK2 | 1 | S.A |

6 Electrical Parts List

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

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

6-1 LNT4665F Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|------------|---------------|--|-------|--------|
| 0 | | LNT4665FX/XAA | LN-T4665F,N35A/46N80-GTU,46,LCD-TV,UNITE | 0 | |
| 0.1 | M0001 | BN90-01250A | ASSY COVER FRONT;TULIP SIDE 46 | 1 | S.N.A |
| ..2 | T0003 | BN96-05066A | ASSY COVER P-FRONT;46N81,UO,PC,V0,BK27,S | 1 | S.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 1 | S.N.A |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2 | 2.1 | S.N.A |
| ...3 | M0112 | BN63-03299A | COVER-FRONT;46N81,UO,PC,-,-,V0,-,BK27, | 1 | S.N.A |
| ...3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | S.N.A |
| ...3 | | BN96-04802A | ASSY MISC P-BLU;Bordeaux Plus,BACK LIGHT | 1 | S.N.A |
| ...3 | | BN96-05069A | ASSY HOLDER P-BOSS;TULIP SIDE,46 | 1 | S.N.A |
| ...4 | | BN61-03113A | HOLDER-BOSS BOTTOM;TULIP-SIDE 46,HIPS V0 | 1 | S.N.A |
| ...4 | | BN61-03129A | BOSS-TAPE;MOSEL,ACRYL,GRAY,TAPE | 1.6 | S.N.A |
| ...3 | T0066 | BN96-05075A | ASSY COVER P-DECORATION;TULIP SIDE,46,RI | 1 | S.N.A |
| ...4 | | BN61-03130C | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.6 | S.N.A |
| ...4 | | BN61-03162A | BOSS-PRIMER;Tulip,PRIMER(IPA),Clead,AP-1 | 0.003 | S.N.A |
| ...4 | T0056 | BN63-03302A | COVER-DECORATION;TULIP-SIDE 46,RIGHT,ABS | 1 | S.N.A |
| ...4 | T0527 | BN64-00626A | GRILLE-SPEAKER;46N8,PET SHEET,T0.25,6.5, | 1 | S.N.A |
| ...3 | T0066 | BN96-05078A | ASSY COVER P-DECORATION;TULIP SIDE,46,LE | 1 | S.N.A |
| ...4 | | BN61-03130C | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.6 | S.N.A |
| ...4 | | BN61-03162A | BOSS-PRIMER;Tulip,PRIMER(IPA),Clead,AP-1 | 0.003 | S.N.A |
| ...4 | T0056 | BN63-03303A | COVER-DECORATION;TULIP-SIDE 46,LEFT,ABS, | 1 | S.N.A |
| ...4 | T0527 | BN64-00626A | GRILLE-SPEAKER;46N8,PET SHEET,T0.25,6.5, | 1 | S.N.A |
| ...3 | M0146 | BN96-05307A | ASSY BOARD P-POWER&IR;LNT4665FX/XAA,CT50 | 1 | S.A |
| ...3 | T0066 | BN96-05072B | ASSY COVER P-DECORATION;TULIP SIDE,46,TO | 1 | S.N.A |
| ...4 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ...4 | T0056 | BN63-03301A | COVER-DECORATION;TULIP-SIDE 46,TOP,ABS,H | 1 | S.N.A |
| ...4 | T0022 | BN64-00614A | KNOB CONTROL;TULIP-SIDE 40,ABS,HB,V/META | 1 | S.N.A |
| ...4 | M0145 | BN96-05306A | ASSY BOARD P-FUNCTION;LNT4665FX/XAA,CT50 | 1 | S.A |
| ..2 | T0175 | BN96-04958B | ASSY SPEAKER P;8ohm,Tulip side 46", 50", | 1 | S.A |
| 0.1 | M0002 | BN90-01252A | ASSY COVER REAR;TULIP SIDE 46 | 1 | S.N.A |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 15 | S.A |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 1 | S.A |
| ..2 | C/R+H/WALL | 6006-001112 | BOLT-ETC;M8,L16,ZPC(BLK),SWRCH18A,WP | 4 | S.A |
| ..2 | M0013 | BN96-05081A | ASSY COVER P-REAR;46N81,UO,PC+ABS,V0,BK2 | 1 | S.A |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2 | 1.1 | S.N.A |
| ...3 | M0006 | BN63-03300A | COVER-REAR;46N81,UO,PC+ABS,-,-,V0,-,BK | 1 | S.N.A |
| ...3 | T0071 | BN64-00553C | INLAY-TERMINAL;07,COMMON,UO,PS SHEET,T0. | 1 | S.N.A |
| ...3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,PP,V0,BLK | 1 | S.N.A |
| 0.1 | M0216 | BN90-01255A | ASSY STAND;TULIP SIDE 46 | 1 | S.N.A |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 4 | S.A |
| ..2 | M0013 | BN96-05084A | ASSY STAND P-BASE;TULIP SIDE,46 | 1 | S.A |
| ...3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 4 | S.A |
| ...3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S | 6 | S.A |
| ...3 | T0010 | BN61-02532A | HOLDER;46M7 EO,ACETAL,BLK,TOP | 1 | S.N.A |
| ...3 | | BN61-02533A | HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL | 1 | S.N.A |
| ...3 | | BN61-02534A | HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL | 1 | S.N.A |
| ...3 | | BN61-02536A | BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0 | 1 | S.N.A |
| ...3 | | BN61-02664A | BRACKET-STAND BOTTOM;MOSEL2 46,SGHC,T3.0 | 1 | S.N.A |
| ...3 | | BN63-03368A | COVER-STAND SUB;TULIP-SIDE 46,ABS+PMMA,B | 1 | S.N.A |
| ...3 | T0004 | BN63-03372A | COVER-STAND BASE;TULIP-SIDE 46,ABS+PMMA, | 1 | S.N.A |
| ...3 | | BN63-03374A | COVER-STAND DECORATION;TULIP-SIDE 46,ABS | 1 | S.N.A |
| ...3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1. | 6 | S.N.A |
| ...3 | CCM1 | BN63-02183D | COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20 | 0.9 | S.N.A |
| ...3 | T0920 | BN61-03110B | GUIDE-STAND;Tulip-side 46,PC,GF20% | 1 | S.N.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|-------|--------|
| 0.1 | M0017 | BN91-01392B | ASSY CHASSIS;LNT4661FX/* | 1 | S.N.A |
| .2 | M0014 | BN94-01199B | ASSY PCB MAIN;LNT4661FX/* | 1 | S.A |
| ...3 | T0245 | 0202-001492 | SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-, | 0.25 | S.N.A |
| ...3 | C406 | 2401-000038 | C-AL;470uF,20%,25V,GP,TP,10x12.5mm, | 1 | S.A |
| ...3 | C422 | 2401-000038 | C-AL;470uF,20%,25V,GP,TP,10x12.5mm, | 1 | S.A |
| ...3 | CN906 | 3707-001081 | CONNECTOR-OPTICAL;STRAIGHT,SPDIF | 1 | S.A |
| ...3 | CN330 | 3711-000058 | HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN | 1 | S.A |
| ...3 | CN330 | 3711-004484 | HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA | 1 | S.A |
| ...3 | CN330 | 3711-004531 | HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG | 1 | S.A |
| ...3 | CN330 | 3711-005842 | HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR | 1 | S.A |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | S.A |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | S.A |
| ...3 | JA332 | 3722-001734 | JACK-VHS;4P,SN,BLK,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002363 | JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | CI53 | BN40-00107A | TUNER;DNVS227IH262A,DNVS227IH262A,NTSC/V | 1 | S.A |
| ...3 | T0174 | BN97-01415B | ASSY SMD;LNT4661FX/* | 1 | S.N.A |
| ...4 | SUB05 | 0202-001477 | SOLDER-CREAM;LST309-M,-,D20-45\$,96.5Sn/ | 4.891 | S.N.A |
| ...4 | D402 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D408 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D409 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D410 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D411 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D207 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D208 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D209L | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D212L | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D213 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D221 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D222 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D501 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D724 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D725 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D726 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D727 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D728 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D729 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D730 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D731 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D801 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D802 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D804 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D805 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D806 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D808 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D809 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D810 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D811 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D812 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D813 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D814 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D815 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D822 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D823 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D830 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D831 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D832 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D833 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D834 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | D835 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D836 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D837 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D215 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D216 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D217 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D220 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D225 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D302 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D401 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D406 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D407 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D745 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D845 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D846 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D0254 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | S.A |
|4 | D102 | 0402-001098 | DIODE-RECTIFIER;SK34,40V,3A,SMC,TP | 1 | S.A |
|4 | D206 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D214 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D218 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D224 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D734 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D820 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D838 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D1201 | 0403-000746 | DIODE-ZENER;RLZ3.9B,3.89-4.16V,500mW,LL- | 1 | S.A |
|4 | D719 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D722 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D803 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D824 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D807 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D816 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D817 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D818 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D819 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D821 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D825 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D301 | 0403-001282 | DIODE-ZENER;BZT52-C15,13.8-15.6,410mW,SO | 1 | S.A |
|4 | D502 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | S.A |
|4 | D601 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D602 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D603 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D604 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D609 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D610 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D611 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D617 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D618 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D621 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D622 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D623 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D626 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D627 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D628 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D629 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D633 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D634 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D637 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D638 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D645 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D646 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D647 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D650 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D651 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D652 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | D653 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D654 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D655 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D827 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D828 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D841 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D842 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D844 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D732 | 0406-001181 | DIODE-TVS;NUP4201MR6,6/-V,500W,TSOP-6 | 1 | S.A |
|4 | D201 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | D202 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | D203 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | Q301 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q401 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q405 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q1201 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1305 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1306 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1306L | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1401 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q201 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q206 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q207 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q209L | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q210 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q502 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q208 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q402 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q404 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q406 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q101L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q102L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q501 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000275 | FET-SILICON;SI4435DY,P,-30V,+8.0A,0.014 | 1 | S.A |
|4 | IC104 | 0801-002095 | IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP | 1 | S.A |
|4 | IC104 | 0801-002393 | IC-CMOS LOGIC;74VHC244,BUS BUFFER,TSSOP, | 1 | S.A |
|4 | IC104 | 0801-002780 | IC-CMOS LOGIC;SN74LVC1G17,SCHMITT-TRIGGE | 1 | S.A |
|4 | IC301 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | S.A |
|4 | IC208 | 1001-001109 | IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C | 1 | S.A |
|4 | IC602 | 1001-001155 | IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC | 1 | S.A |
|4 | IC106 | 1001-001440 | IC-VIDEO SWITCH;SiI9185CTU,QFP,80P,3.3V, | 1 | S.A |
|4 | IC603 | 1006-001266 | IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P, | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-001385 | IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x | 1 | S.A |
|4 | IC113 | 1105-001674 | IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB | 1 | S.A |
|4 | IC113 | 1105-001674 | IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB | 1 | S.A |
|4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | S.A |
|4 | T0085 | 1201-002136 | IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,- | 1 | S.A |
|4 | T0124 | 1201-002430 | IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POS.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POS.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POS.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | T0087 | 1203-001488 | IC-POS.FIXED REG.;7805,TO-252,3P,-,PLAS | 1 | S.A |
|4 | T0087 | 1203-001815 | IC-POS.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | S.A |
|4 | T0087 | 1203-001816 | IC-POS.FIXED REG.;78M08,TO-252,3P,-,PLA | 1 | S.A |
|4 | T0087 | 1203-002842 | IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | T0087 | 1203-002974 | IC-POSIFIXED REG.;AP1117D-25A,TO-252,3P | 1 | S.A |
|4 | IC012 | 1203-002995 | IC-POSIAJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A |
|4 | IC012 | 1203-002995 | IC-POSIAJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | S.A |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | S.A |
|4 | IC701 | 1203-003394 | IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4 | 1 | S.A |
|4 | T0087 | 1203-003696 | IC-POSIFIXED REG.;NCP1117DT18T5G,DPAK,3 | 1 | S.A |
|4 | IC205 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A |
|4 | IC206 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A |
|4 | IC118 | 1204-002484 | IC-VIDEO PROCESS;SVP-LX64-7164,BGA,564P, | 1 | S.N.A |
|4 | IC302 | 1204-002708 | IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM | 1 | S.N.A |
|4 | IC118 | 1204-002729 | IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17 | 1 | S.A |
|4 | IC1301 | 1204-002747 | IC-DECODER;S4LF111X01,BGA,416P,27x27mm,P | 1 | S.A |
|4 | IC1302 | 1205-003154 | IC-CLOCK GENERATOR;6V10001PGG,TSSOP,24P, | 1 | S.A |
|4 | IC1801 | 1205-003164 | IC-RECEIVER;Sil9125CTU,TQFP,144P,20x20mm | 1 | S.A |
|4 | R1519 | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1520 | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1201 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1202 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1203 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1204 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R287 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R616 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R735 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R807 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R854 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R109 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R110 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2002 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2006 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2012 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2014 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2016 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2029L | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R218 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R219 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R274 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R289 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R290 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R504 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R506 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1001 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1002 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1003 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1004 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1005 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1006 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1007 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1008 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1009 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1010 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1011 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1012 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1013 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1014 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1015 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1016 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1017 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1018 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1019 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1020 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1021 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1022 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1023 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--------------------------------|------|--------|
|4 | R749S | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R750S | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R761S | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R814 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R845 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1026 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1042 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1142 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1174 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1205 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1206 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1207 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1208 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1209 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1210 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1211 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1212 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1213 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1214 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1215 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1216 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1217 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1218 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1219 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1220 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1222 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1224 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1227 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1228 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3014L | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R321 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R737 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R738 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R809 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R811 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R838 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R844 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R857 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R858 | 2007-000071 | R-CHIP;22ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1413 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1415 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R805 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R806 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R835 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R839 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R851 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R852 | 2007-000072 | R-CHIP;47ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1040 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1197 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1307 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1310 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1327 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1331 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1333 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1335 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1336 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1338 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1339 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1340 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1341 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1344 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1345 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1346 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1347 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R263 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R264 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R291 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R292 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R293 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R294 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3003L | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R317 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R318 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R322 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R323 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R324 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R329 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R336 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R338 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R341 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R342 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R601 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R608 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R619 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R632 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R633 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R651 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R652 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R726 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R774 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R843 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R879 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R880 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1231 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R513 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2001 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3013L | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R611 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R612 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R614 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R615 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R630 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R631 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R853 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R855 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R877 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R878 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R101L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R103 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R125 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R126 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1312 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1314 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2027L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R215 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R245 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R288 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3004L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3007L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R325 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R333 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R334 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4019L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R502 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1301 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3005L | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3006L | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1024 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R4015L | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4016 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R404 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4061 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4071 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R410 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R411 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R413 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R414 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R418 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R421 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R422 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R425 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R501 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R736 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R808 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R856 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R112L | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R114 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R115 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1165 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1230 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1317 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1342 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1343 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1387 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1388 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1389 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1392 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R201 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2015 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R202 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2020 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2021 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R203 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R205 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R206 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R207 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R208 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R209 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R210 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R213 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R214 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R269 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R270 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3002L | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R430 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R721 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R722 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R739 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R801 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R802 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R812 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R824 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R825 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R841 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R846 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R847 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R848 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R859 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R117 | 2007-000092 | R-CHIP;15Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R328 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R331 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R517 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R120L | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1425 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1446 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2004 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R319 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R320 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R108L | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R301 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R302 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R304 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R305 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R306 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R308 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R309 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R310 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R312 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R313 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R314 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R316 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R326 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R337 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R512 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R518 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R634 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R635 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R505 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R507 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R332 | 2007-000107 | R-CHIP;470Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1319 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1332 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1359 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1360 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1362 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1364 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1366 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1390 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1391 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1501 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1502 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1503 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1504 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1505 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1506 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1507 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1508 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1509 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1510 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1511 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1512 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1513 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1514 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1515 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1516 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1517 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1518 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1607 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1609 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1610 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1614 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1615 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1616 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1618 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1629 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2023 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R2024 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4011 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R514 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R515 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R519 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R279L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R280L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R281L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4004 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4005 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2007 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2028 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R405 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R407 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R285 | 2007-000129 | R-CHIP;27Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1398 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1399 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1812 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1823 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1824 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1825 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1826 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1827 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1828 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1829 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R228 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R238 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R724 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R741 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R742 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R743 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R744 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R745 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R746 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R747 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R748 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R764 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R765 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R766 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R767 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R768 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R769 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R770 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R771 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R803 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R815 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R816 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R818 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R819 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R820 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R821 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R822 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R823 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R829 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R830 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R831 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R832 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R833 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R834 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R836 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R837 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R849 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R860 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R861 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | R862 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R863 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R864 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R865 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R866 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R867 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R868 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R869 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R870 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R871 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R872 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R873 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R874 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R875 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R775 | 2007-000426 | R-CHIP;160ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1221 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1223 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1225 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1226 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4079 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4059 | 2007-000669 | R-CHIP;2Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R423 | 2007-000683 | R-CHIP;3.3Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R118 | 2007-000701 | R-CHIP;3.6Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1148 | 2007-000869 | R-CHIP;4.7Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R408 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R409 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R412 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R415 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R416 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R417 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R424 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R428 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R107 | 2007-000962 | R-CHIP;5.1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R602 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R603 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R604 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R605 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R606 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R607 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R613 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R617 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R618 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R620 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R621 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R622 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R624 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R627 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R628 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R629 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R636 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R653 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R810 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R813 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R817 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1411 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R826 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R827 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R828 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R840 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R842 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R881 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R113 | 2007-002768 | R-CHIP;6.2Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | RA1201 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1202 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
|4 | C1901 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1902 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C214 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C325 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C340 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C351 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C358 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C414 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C415 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C418 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C423 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C429 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C431 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C432 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C435 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C447 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C448 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C620 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C804 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C439 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C609 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C615 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C806 | 2203-000236 | C-CER,CHIP;0.1nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C101L | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C115 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1211 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1212 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1213 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1214 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1215 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1216 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1217 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1218 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1219 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1220 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1227 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1228 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1233 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1234 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C128 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1314 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C132 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C148 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1604 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C166 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1707 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1708 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1709 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1717 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1718 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1719 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1727 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1728 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1729 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1748 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1749 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1750 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C177 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1830 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C184 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1840 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1841 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1842 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1843 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|------------------------------------|------|--------|
|4 | C1844 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1845 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1856 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1857 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1858 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1859 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1863 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1864 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1865 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1866 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1868 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1870 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C212 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C215 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C216 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C217L | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C219 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C220L | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C232 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C509 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C514 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C522 | 2203-000257 | C-CER,CHIP;10nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1325 | 2203-000384 | C-CER,CHIP;0.015nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C159 | 2203-000405 | C-CER,CHIP;0.18nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C173 | 2203-000405 | C-CER,CHIP;0.18nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1304 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1308 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1803 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1817 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1847L | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1848 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1849 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1850 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1851 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1852 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C206 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C354 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C355 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C404 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C405 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C407 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C410 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C411 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C417 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C424 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C425 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C427 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C428 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C437 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C438 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C440 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C444 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C525 | 2203-000491 | C-CER,CHIP;2.2nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1030 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1034 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C204 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C205 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1303 | 2203-000681 | C-CER,CHIP;0.027nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1305 | 2203-000681 | C-CER,CHIP;0.027nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C160 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C174 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C357 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C610 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C611 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
|4 | C613 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C614 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C616 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C623 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C624 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C626 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C627 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C811 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C812 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C825 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C826 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1310 | 2203-000838 | C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608 | 1 | S.A |
|4 | C1315 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C1316 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C337 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C339 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C1204 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1205 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1209 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1210 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C526 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C331 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C518 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C218 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1854 | 2203-001034 | C-CER,CHIP;5.6nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1853 | 2203-001052 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608 | 1 | S.A |
|4 | C327 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C328 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C335 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1309 | 2203-001554 | C-CER,CHIP;1.8nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C521 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C1312 | 2203-001630 | C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608 | 1 | S.A |
|4 | C321 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C334 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C413 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C416 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C426 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C443 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1039 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1040 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1041 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1042 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1043 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1044 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1045 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1046 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1047 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1048 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1049 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1050 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1051 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1052 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1053 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1054 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1059 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1060 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1061 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1062 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1063 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1064 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C108 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C110 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1202 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1203 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |

6 Electrical Parts List

[illegible]

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

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C314 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C315 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C316 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C317 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C318 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C345 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C349 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C1001 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1008 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1010 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1012 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1014 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1020 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1022 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1024 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1026 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1028 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1031 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1035 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1037 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1055 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1057 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1153L | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1221 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1224 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1235 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1236 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1237 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1238 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1239 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1240 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C130 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1320 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1402 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C142 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1607 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1751 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1753 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1754 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1755 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1801 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1808 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1809 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1825 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1838 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1839 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1867 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C201 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C223 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C310 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C312 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C320 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C326 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C329 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C336 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C338 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C341 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C350 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C401 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C433 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C434 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C621 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C625 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C629 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C801 | 2203-006333 | C-CER,CHIP;1000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C803 | 2203-006333 | C-CER,CHIP;1000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C809 | 2203-006333 | C-CER,CHIP;1000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C106 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C1324 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C1779 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C1890 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C505 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C512 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C527 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C102 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C103L | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1311 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C133 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1503 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1504 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1780 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1855 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1860 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1882 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1883 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C213 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C323 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C330 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C342 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C402 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C506 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C510 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C515 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C517 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C712 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C105 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C109 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C111 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C113 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C122 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C140 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C147 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C149 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C165 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C167 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1701 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1732 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C175 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C189 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C343 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C346 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C513 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1517 | 2402-001147 | C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C519 | 2402-001147 | C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C524 | 2402-001147 | C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C1810 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C302 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C332 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C156L | 2402-001218 | C-AL,SMD;22UF,20%,35V,WT,TP,6.6X6.6X5.8M | 1 | S.A |
|4 | C319 | 2402-001226 | C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | S.A |
|4 | C347 | 2402-001226 | C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | S.A |
|4 | C1148L | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C118 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C135 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C161L | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C181 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C188 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C168 | 2409-001029 | C-ORGANIC,SMD;120uF,20%,6.3V,WT,TP,8.3x | 1 | S.A |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001163 | BEAD-SMD;80ohm,2012,TP,-,-,192ohm/867MHz | 1 | S.N.A |
|4 | T0568 | 3301-001163 | BEAD-SMD;80ohm,2012,TP,-,-,192ohm/867MHz | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001569 | BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90 | 1 | S.N.A |
|4 | T0568 | 3301-001569 | BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90 | 1 | S.N.A |
|4 | T0313 | 3404-001207 | SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST | 1 | S.A |
|4 | JA801 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A |
|4 | JA803 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A |
|4 | L102 | BN27-00008A | COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22 | 1 | S.A |
|4 | L103 | BN27-00008A | COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22 | 1 | S.A |
|4 | T0077 | BN41-00843A | PCB MAIN;FR-4,4,1.6,192*240 | 1 | S.N.A |
|4 | M0018 | BN97-01398B | ASSY MICOM;T-TULPAUS0-XXXX,N35A,2006.11. | 1 | S.N.A |
|5 | IC115 | 1107-001666 | IC-FLASH MEMORY;KFG5616U1A,256Mbit,16Mx1 | 1 | S.N.A |
|4 | IC104 | 0801-002633 | IC-CMOS LOGIC;NC7WBD3125,2BIT BUS SWITCH | 1 | S.A |
|4 | R9175 | 2007-000116 | R-CHIP;120ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | C1150 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1151 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | X1101 | 2801-003667 | CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16, | 1 | S.A |
|4 | IC113 | 1105-001571 | IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T | 1 | S.A |
|4 | IC113 | 1105-001571 | IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T | 1 | S.A |
|4 | R4080 | 2007-000083 | R-CHIP;3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | C805 | 2203-000851 | C-CER,CHIP;0.039nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | M0018 | BN97-01398A | ASSY MICOM;T-TULPAUS5-XXXX,N35A,2006.11. | 1 | S.N.A |
|5 | IC520 | 0903-001485 | IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR, | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
|4 | CN330 | 3711-006374 | HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm, | 1 | S.A |
|4 | R106 | 2007-000259 | R-CHIP;1.6Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | CN330 | 3711-006354 | HEADER-BOARD TO CABLE;BOX,41P,2R,0.5mm,S | 1 | S.A |
|4 | R1821 | 2007-000120 | R-CHIP;680ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1835 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1836 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1837 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1838 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1839 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1840 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1841 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1842 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1801 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1802 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1803 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1804 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1805 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1806 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1810 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1813 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1815 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
| ...3 | T0603 | BN63-03195A | SHIELD-PCB MAIN;TULIP NT,SPTe,T0.5 | 1 | S.N.A |
| ...3 | CCMM1 | BN73-00024D | SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 | 1 | S.N.A |
| ...3 | T0099 | BN62-00003A | HEAT SINK-IC;NK,SUN,A6063S,T2.5,W28,L28, | 1 | S.N.A |
| ...3 | CN1101 | 3701-001400 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni | 1 | S.A |
| ...3 | CCMM1 | BN73-00152A | SILICON/RUBBER;LNT4661FX/XAA,FILLER,19x1 | 1 | S.N.A |
| 0.1 | | BN91-01403B | ASSY LCD-AMLCD;LNT4661FX/* | 1 | S.N.A |
| ..2 | M0215 | BN07-00391A | LCD-PANEL; LTA460HT-LH2,10bit,46inch,1.0 | 1 | S.A |
| 0.1 | | BN91-01466A | ASSY SHIELD-SQE;SQE-LNT4665FX/XAA | 1 | S.N.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 7 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 10 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 1 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 6 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ..2 | M0081 | 6003-001439 | SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW | 1 | S.N.A |
| ..2 | M0081 | 6006-001096 | SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK) | 8 | S.N.A |
| ..2 | M2893 | BN39-00763A | LEAD CONNECTOR;LNS4696DX,UL3239#24,UL/CS | 1 | S.A |
| ..2 | M2893 | BN39-00764C | LEAD CONNECTOR;LS46BHT,UL3239#24,UL/CSA, | 1 | S.A |
| ..2 | M2893 | BN39-00802B | LEAD CONNECTOR;LE40R86BDX,UL1007#26,24PI | 1 | S.A |
| ..2 | M2893 | BN39-00839A | LEAD CONNECTOR;LNT4661F,UL1061#28,7pin,2 | 1 | S.A |
| ..2 | M0174 | BN44-00166A | IP BOARD;IP-301135A,46" TULIP,30mA,75mA, | 1 | S.A |
| ..2 | M0114 | BN61-02500A | HOLDER-WIRE;NYLON6.6,NATURAL | 3 | S.N.A |
| ..2 | | BN61-03007A | HOLDER-WALL;TULIP46,ABS V0 | 2 | S.N.A |
| ...3 | INSERT | BN61-02932A | BRACKET-STOPPER NUT;SUM24L | 2 | S.N.A |
| ..2 | | BN63-03146A | SHIELD-SMPS;TULIP46,SECC,T0.5 | 1 | S.N.A |
| ..2 | T0275 | BN96-04938A | ASSY MISC P-INLET;LNT4661FX/XAA,250/250M | 1 | S.N.A |
| ..2 | M2893 | BP39-00177B | LEAD CONNECTOR;RE40**,UL1007#26,5P,150mm | 1 | S.A |
| ..2 | | BN96-05039C | ASSY BOARD P-SIDE HDMI A/V;LNT4661FX/XAA | 1 | S.N.A |
| ...3 | | BN61-03008A | HOLDER-SIDE AV;46M81,PC+ABS,V0,-,-,BK2 | 1 | S.N.A |
| ...3 | M0020 | BN96-04922B | ASSY BOARD P-SIDE A/V;SPD-63P71FHD,CT500 | 1 | S.N.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ..2 | M2893 | BN39-00883A | LEAD CONNECTOR-LVDS;LNT4661F,UL1571#30,5 | 1 | S.A |
| ..2 | T0447 | BN96-04641A | ASSY BRACKET P-PANEL;TULIP SIDE,46,-,-,- | 1 | S.N.A |
| ...3 | M0131 | BN63-03480A | GASKET;LNT4642HX/XAA,Polyurethane Foam,1 | 1 | S.N.A |
| ...3 | M0131 | BN63-03481A | GASKET;LNT4642HX/XAA,Polyurethane Foam,1 | 1 | S.N.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|-----------|-------------|--|-------|--------|
| ...3 | M0131 | BN63-03520A | GASKET;Tulip,Conductive Fabric,10,18,300 | 2 | S.N.A |
| ...3 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ...3 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 4 | S.N.A |
| ...3 | MP1.4 | BN61-03009A | BRACKET-BOTTOM;TULIP46,SECC,T1.2,BRACKET | 1 | S.N.A |
| ...3 | T0081 | BN61-03010A | BRACKET-MAIN;TULIP46,SECC,T1.2,BRACKETLE | 1 | S.N.A |
| ...3 | | BN61-03011A | BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,RI | 2 | S.N.A |
| ...3 | | BN61-03012A | BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,LE | 1 | S.N.A |
| ...3 | M0115 | BN61-03109A | BRACKET-STAND LINK;TULIP-SIDE 46,SECC,T1 | 1 | S.N.A |
| ..2 | M0596 | BN96-05164A | ASSY MISC P-FLAT CABLE;HPT5064X/XAA,450M | 1 | S.A |
| 0.1 | M0045 | BN92-02417C | ASSY ACCESSORY;LNT5265HX/XAA | 1 | S.N.A |
| ..2 | M0045 | BN96-04838B | ASSY ACCESSORY;LNT4061FX/XAA | 1 | S.A |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A |
| ...3 | ACCESSORY | AA68-00371C | CARD WARRANTY-04;SEA,W/P100(G),1 YEAR | 1 | S.N.A |
| ...3 | T0210 | AA68-03242F | MANUAL FLYER-01,SAFETY GUIDE;All Model,S | 1 | S.N.A |
| ...3 | T0511 | BN68-01178A | MANUAL USERS;COMM,SAMSUNG,ENG/SPA,N,Amer | 1 | S.N.A |
| ...3 | ACCESSORY | BN68-01179A | MANUAL FLYER-QSG;COMM,SAMSUNG,English,N. | 1 | S.N.A |
| ...3 | T0238 | AA68-03870B | MANUAL FLYER-REGISTRATION CARD;comm,Sams | 1 | S.N.A |
| ..2 | M0045 | BN96-04838D | ASSY ACCESSORY;LNT5265FX/XAA | 1 | S.A |
| ...3 | T0268 | 3903-000144 | CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA) | 1 | S.A |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A |
| ...3 | T0074 | BN59-00599A | REMOCON;Bordeaux plus,TM87C,SAMSUNG28P+E | 1 | S.A |
| ...3 | ACCESSORY | BN63-01798A | CLOTH-CLEAN;RE40**CLOTH,310,320,RHCM | 1 | S.N.A |
| ...3 | T0531 | BN63-03308A | COVER-BOTTOM;46,52N81,HIPS,-,-,-,V0,-,BK | 1 | S.A |
| 0.1 | M0003 | BN92-02505A | ASSY BOX;TULIP SIDE 46 | 1 | S.N.A |
| ..2 | | BN69-01805A | BOX-SET, IN;46N8,CB,C-03,DY-01,W799,L167 | 1.02 | S.N.A |
| ..2 | | BN69-01806A | BOX-SET, OUT;46N8,CB,C-03,DY-01,H857,W40 | 1.02 | S.N.A |
| 0.1 | M0113 | BN92-02508A | ASSY P/MATERIAL;TULIP SIDE 46 | 1 | S.N.A |
| ..2 | T0376 | 6902-000001 | BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE | 0.022 | S.N.A |
| ..2 | T0376 | 6902-000061 | BAG AIR;LDPE,T0.2,L1000,W500,TRP,,, | 0.087 | S.N.A |
| ..2 | T0524 | 6902-000684 | BAG PE;HDPE/NITRON,T0.015/T0.5,W1400,L14 | 1 | S.N.A |
| ..2 | T0214 | AA61-20285A | HOLDER-BOX;CTV,PP,NTR,HB | 2 | S.N.A |
| ..2 | T0172 | AA69-02609A | BAND-PP;W18,CLEA,1G | 5.3 | S.N.A |
| ..2 | CCM1 | BN63-03540A | COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3 | 1.8 | S.N.A |
| 0.1 | M0019 | BN92-02416F | ASSY LABEL;LNT4665FX/XAA | 1 | S.N.A |

6 Electrical Parts List

6-2 LNT5265F Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|------------|---------------|---|-------|--------|
| 0 | | LNT5265FX/XAA | LN-T5265F,N35A/52N80-GTU,52,LCD-TV,UNITE | 0 | |
| 0.1 | M0001 | BN90-01249A | ASSY COVER FRONT;TULIP SIDE 52 | 1 | S.N.A |
| .2 | T0003 | BN96-05065A | ASSY COVER P-FRONT;52N81,UO,PC,V0,BK27,S | 1 | S.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 1 | S.N.A |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2 | 2.21 | S.N.A |
| ...3 | M0112 | BN63-03304A | COVER-FRONT;52N81,UO,PC,-,-,V0,-,BK27, | 1 | S.N.A |
| ...3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | S.N.A |
| ...3 | | BN96-04802A | ASSY MISC P-BLU;Bordeaux Plus,BACK LIGHT | 1 | S.N.A |
| ...3 | | BN96-05068A | ASSY HOLDER P-BOSS;TULIP SIDE,52 | 1 | S.N.A |
| ...4 | | BN61-03114A | HOLDER-BOSS BOTTOM;TULIP-SIDE 52,HIPS V0 | 1 | S.N.A |
| ...4 | | BN61-03129A | BOSS-TAPE;MOSEL,ACRYL,GRAY,TAPE | 1.6 | S.N.A |
| ...3 | T0066 | BN96-05074A | ASSY COVER P-DECORATION;TULIP SIDE,52,RI | 1 | S.N.A |
| ...4 | | BN61-03130C | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.7 | S.N.A |
| ...4 | | BN61-03162A | BOSS-PRIMER;Tulip,PRIMER(IPA),Clead,AP-1 | 0.003 | S.N.A |
| ...4 | T0056 | BN63-03309A | COVER-DECORATION;TULIP-SIDE 52,RIGHT,ABS | 1 | S.N.A |
| ...4 | T0527 | BN64-00627A | GRILLE-SPEAKER;52N8,PET SHEET,T0.25,6.5, | 1 | S.N.A |
| ...3 | T0066 | BN96-05077A | ASSY COVER P-DECORATION;TULIP SIDE,52,LE | 1 | S.N.A |
| ...4 | | BN61-03130C | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.7 | S.N.A |
| ...4 | | BN61-03162A | BOSS-PRIMER;Tulip,PRIMER(IPA),Clead,AP-1 | 0.003 | S.N.A |
| ...4 | T0056 | BN63-03310A | COVER-DECORATION;TULIP-SIDE 52,LEFT,ABS, | 1 | S.N.A |
| ...4 | T0527 | BN64-00627A | GRILLE-SPEAKER;52N8,PET SHEET,T0.25,6.5, | 1 | S.N.A |
| ...3 | M0146 | BN96-05307C | ASSY BOARD P-POWER&IR;LNT5265FX/XAA,CT50 | 1 | S.A |
| ...3 | T0066 | BN96-05071B | ASSY COVER P-DECORATION;TULIP SIDE,52,TO | 1 | S.N.A |
| ...4 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ...4 | T0056 | BN63-03305A | COVER-DECORATION;TULIP-SIDE 52,TOP,ABS,H | 1 | S.N.A |
| ...4 | T0022 | BN64-00614A | KNOB CONTROL;TULIP-SIDE 40,ABS,HB,V/META | 1 | S.N.A |
| ...4 | M0145 | BN96-05306A | ASSY BOARD P-FUNCTION;LNT4665FX/XAA,CT50 | 1 | S.A |
| .2 | T0175 | BN96-04958B | ASSY SPEAKER P;8ohm,Tulip side 46", 50", | 1 | S.A |
| 0.1 | M0216 | BN90-01256A | ASSY STAND;TULIP SIDE 52 | 1 | S.N.A |
| .2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 4 | S.A |
| .2 | M0013 | BN96-05084A | ASSY STAND P-BASE;TULIP SIDE,46 | 1 | S.A |
| ...3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 4 | S.A |
| ...3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,B,M4,L10,ZPC(WHT),S | 6 | S.A |
| ...3 | T0010 | BN61-02532A | HOLDER;46M7 EO,ACETAL,BLK,TOP | 1 | S.N.A |
| ...3 | | BN61-02533A | HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL | 1 | S.N.A |
| ...3 | | BN61-02534A | HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL | 1 | S.N.A |
| ...3 | | BN61-02536A | BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0 | 1 | S.N.A |
| ...3 | | BN61-02664A | BRACKET-STAND BOTTOM;MOSEL 2 46,SGHC,T3.0 | 1 | S.N.A |
| ...3 | | BN63-03368A | COVER-STAND SUB;TULIP-SIDE 46,ABS+PMMA,B | 1 | S.N.A |
| ...3 | T0004 | BN63-03372A | COVER-STAND BASE;TULIP-SIDE 46,ABS+PMMA, | 1 | S.N.A |
| ...3 | | BN63-03374A | COVER-STAND DECORATION;TULIP-SIDE 46,ABS | 1 | S.N.A |
| ...3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1. | 6 | S.N.A |
| ...3 | CCM1 | BN63-02183D | COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20 | 0.9 | S.N.A |
| ...3 | T0920 | BN61-03110B | GUIDE-STAND;Tulip-side 46,PC,GF20% | 1 | S.N.A |
| 0.1 | M0002 | BN90-01258A | ASSY COVER REAR;TULIP SIDE 52 | 1 | S.N.A |
| .2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 15 | S.A |
| .2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK) | 1 | S.A |
| .2 | C/R+H/WALL | 6006-001112 | BOLT-ETC;M8,L16,ZPC(BLK),SWRCH18A,WP | 4 | S.A |
| .2 | M0013 | BN96-05080A | ASSY COVER P-REAR;52N81,UO,PC+ABS,V0,BK2 | 1 | S.A |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2 | 1.1 | S.N.A |
| ...3 | M0006 | BN63-03307A | COVER-REAR;52N81,UO,PC+ABS,-,-,V0,-,BK | 1 | S.N.A |
| ...3 | T0071 | BN64-00553C | INLAY-TERMINAL;07,COMMON,UO,PS SHEET,T0. | 1 | S.N.A |
| ...3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,PP,V0,BLK | 1 | S.N.A |
| 0.1 | M0017 | BN91-01392C | ASSY CHASSIS;LNT5261FX/* | 1 | S.N.A |
| .2 | M0014 | BN94-01199C | ASSY PCB MAIN;LNT5261FX/* | 1 | S.A |
| ...3 | T0245 | 0202-001492 | SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-, | 0.25 | S.N.A |
| ...3 | C406 | 2401-000038 | C-AL;470uF,20%,25V,GP,TP,10x12.5mm, | 1 | S.A |
| ...3 | C422 | 2401-000038 | C-AL;470uF,20%,25V,GP,TP,10x12.5mm, | 1 | S.A |
| ...3 | CN906 | 3707-001081 | CONNECTOR-OPTICAL;STRAIGHT,SPDIF | 1 | S.A |
| ...3 | CN330 | 3711-000058 | HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN | 1 | S.A |
| ...3 | CN330 | 3711-004484 | HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA | 1 | S.A |
| ...3 | CN330 | 3711-004531 | HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG | 1 | S.A |
| ...3 | CN330 | 3711-005842 | HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR | 1 | S.A |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|-------|--------|
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | S.A |
| ...3 | JA332 | 3722-001734 | JACK-VHS;4P,SN,BLK,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002363 | JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | CIS3 | BN40-00107A | TUNER;DNVS227IH262A,DNVS227IH262A,NTSC/V | 1 | S.A |
| ...3 | T0603 | BN63-03195A | SHIELD-PCB MAIN;TULIP NT,SPT,TO.5 | 1 | S.N.A |
| ...3 | CCMM1 | BN73-00024D | SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6 | 1 | S.N.A |
| ...3 | T0174 | BN97-01415C | ASSY SMD;LNT5261FX* | 1 | S.N.A |
| ...4 | SUB05 | 0202-001477 | SOLDER-CREAM;LST309-M,-,D20-45\$, .96.5Sn/ | 4.891 | S.N.A |
| ...4 | D402 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D408 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D409 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D410 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D411 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
| ...4 | D207 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D208 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D209L | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D212L | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D213 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D221 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D222 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D501 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D724 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D725 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D726 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D727 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D728 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D729 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D730 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D731 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D801 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D802 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D804 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D805 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D806 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D808 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D809 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D810 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D811 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D812 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D813 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D814 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D815 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D822 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D823 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D830 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D831 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D832 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D833 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D834 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D835 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D836 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D837 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
| ...4 | D215 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D216 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D217 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D220 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D225 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D302 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D401 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D406 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D407 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D745 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
| ...4 | D845 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | D846 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D0254 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | S.A |
|4 | D102 | 0402-001098 | DIODE-RECTIFIER;SK34,40V,3A,SMC,TP | 1 | S.A |
|4 | D206 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D214 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D218 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D224 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D734 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D820 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D838 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D1201 | 0403-000746 | DIODE-ZENER;RLZ3.9B,3.89-4.16V,500mW,LL- | 1 | S.A |
|4 | D719 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D722 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D803 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D824 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D807 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D816 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D817 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D818 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D819 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D821 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D825 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D301 | 0403-001282 | DIODE-ZENER;BZT52-C15,13.8-15.6,410mW,SO | 1 | S.A |
|4 | D502 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | S.A |
|4 | D601 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D602 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D603 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D604 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D609 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D610 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D611 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D617 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D618 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D621 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D622 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D623 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D626 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D627 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D628 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D629 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D633 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D634 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D637 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D638 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D645 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D646 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D647 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D650 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D651 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D652 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D653 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D654 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D655 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D827 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D828 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D841 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D842 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D844 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,0W,SMD | 1 | S.A |
|4 | D732 | 0406-001181 | DIODE-TVS;NUP4201MR6,6/-V,500W,TSOP-6 | 1 | S.A |
|4 | D201 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | D202 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | D203 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | Q301 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q401 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q405 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q1201 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1305 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1306 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1306L | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | Q1401 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q201 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q206 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q207 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q209L | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q210 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q502 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q208 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q402 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q404 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q406 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q101L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q102L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q501 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0. | 1 | S.A |
|4 | Q409 | 0505-000275 | FET-SILICON;SI4435DY,P,-30V,+8.0A,0.014 | 1 | S.A |
|4 | IC104 | 0801-002095 | IC-CMOS LOGIC;74LXC245,TRANSCEIVER,TSSOP | 1 | S.A |
|4 | IC104 | 0801-002393 | IC-CMOS LOGIC;74VHC244,BUS BUFFER,TSSOP, | 1 | S.A |
|4 | IC104 | 0801-002633 | IC-CMOS LOGIC;NC7WBD3125,2BIT BUS SWITCH | 1 | S.A |
|4 | IC104 | 0801-002780 | IC-CMOS LOGIC;SN74LVC1G17,SCHMITT-TRIGGE | 1 | S.A |
|4 | IC301 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | S.A |
|4 | IC208 | 1001-001109 | IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C | 1 | S.A |
|4 | IC602 | 1001-001155 | IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC | 1 | S.A |
|4 | IC106 | 1001-001440 | IC-VIDEO SWITCH;SiI9185CTU,QFP,80P,3.3V, | 1 | S.A |
|4 | IC603 | 1006-001266 | IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P, | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-001385 | IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x | 1 | S.A |
|4 | IC113 | 1105-001571 | IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T | 1 | S.A |
|4 | IC113 | 1105-001571 | IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T | 1 | S.A |
|4 | IC113 | 1105-001674 | IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB | 1 | S.A |
|4 | IC113 | 1105-001674 | IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB | 1 | S.A |
|4 | DU410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10 | 1 | S.A |
|4 | T0085 | 1201-002136 | IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,- | 1 | S.A |
|4 | T0124 | 1201-002430 | IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POS.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POS.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POS.ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | T0087 | 1203-001488 | IC-POS.FIXED REG.;7805,TO-252,3P,-,PLAS | 1 | S.A |
|4 | T0087 | 1203-001815 | IC-POS.FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | S.A |
|4 | T0087 | 1203-001816 | IC-POS.FIXED REG.;78M08,TO-252,3P,-,PLA | 1 | S.A |
|4 | T0087 | 1203-002699 | IC-POS.FIXED REG.;78D05,DPAK,3P,6.6X6.1 | 1 | S.A |
|4 | T0087 | 1203-002842 | IC-POS.FIXED REG.;AP1117D-33A,TO-252,3P | 1 | S.A |
|4 | T0087 | 1203-002974 | IC-POS.FIXED REG.;AP1117D-25A,TO-252,3P | 1 | S.A |
|4 | IC012 | 1203-002995 | IC-POS.ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A |
|4 | IC012 | 1203-002995 | IC-POS.ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | S.A |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | S.A |
|4 | IC701 | 1203-003394 | IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4 | 1 | S.A |
|4 | T0087 | 1203-003696 | IC-POS.FIXED REG.;NCP1117DT18T5G,DPAK,3 | 1 | S.A |
|4 | IC205 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A |
|4 | IC206 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A |
|4 | IC118 | 1204-002484 | IC-VIDEO PROCESS;SVP-LX64-7164,BGA,564P, | 1 | S.N.A |
|4 | IC302 | 1204-002708 | IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM | 1 | S.N.A |
|4 | IC118 | 1204-002729 | IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17 | 1 | S.A |
|4 | IC1301 | 1204-002747 | IC-DECODER;S4LF111X01,BGA,416P,27x27mm,P | 1 | S.A |
|4 | IC1302 | 1205-003154 | IC-CLOCK GENERATOR;6V10001PGG,TSSOP,24P, | 1 | S.A |
|4 | IC1801 | 1205-003164 | IC-RECEIVER;SiI9125CTU,TQFP,144P,20x20mm | 1 | S.A |
|4 | R1519 | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1520 | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1201 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1202 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1203 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R125 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R126 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1312 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1314 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2027L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R215 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R245 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R288 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3004L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3007L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R325 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R333 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R334 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4019L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R502 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1301 | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3005L | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3006L | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4080 | 2007-000083 | R-CHIP;3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1024 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R102L | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1143 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1145 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1160 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1161 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1162 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1163 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1196 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1306 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1318 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1369 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1370 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1371 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1372 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1373 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1374 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1375 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1376 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1377 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1378 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1379 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1380 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1381 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1383 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1384 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1385 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1386 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1395 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1418 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1419 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1420 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1421 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1422 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R825 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R841 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R846 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R847 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R848 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R859 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R117 | 2007-000092 | R-CHIP;15Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R328 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R331 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R517 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R120L | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1425 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1446 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2004 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R319 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R320 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R108L | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R301 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R302 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R304 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R305 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R306 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R308 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R309 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R310 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R312 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R313 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R314 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R316 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R326 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R337 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R512 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R518 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R634 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R635 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R505 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R507 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R332 | 2007-000107 | R-CHIP;470Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1319 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1332 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1359 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1360 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1362 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1364 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1366 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1390 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1391 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1501 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1502 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1503 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1504 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1505 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1506 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1507 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1508 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1509 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1510 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1511 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1512 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1513 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1514 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1515 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1516 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1517 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1518 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1607 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1609 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1610 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1614 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R1615 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1616 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1618 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1629 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2023 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2024 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4011 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R514 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R515 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R519 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R9175 | 2007-000116 | R-CHIP;120ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R279L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R280L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R281L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4004 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4005 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2007 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2028 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R405 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R407 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R285 | 2007-000129 | R-CHIP;27Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1398 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1399 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1812 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1823 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1824 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1825 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1826 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1827 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1828 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1829 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R228 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R238 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R724 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R741 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R742 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R743 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R744 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R745 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R746 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R747 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R748 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R764 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R765 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R766 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R767 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R768 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R769 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R770 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R771 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R803 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R815 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R816 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R818 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R819 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R820 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R821 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R822 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R823 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R829 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R830 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R831 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R832 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R833 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R834 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R836 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R837 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R849 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R860 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | R861 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R862 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R863 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R864 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R865 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R866 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R867 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R868 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R869 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R870 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R871 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R872 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R873 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R874 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R875 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R775 | 2007-000426 | R-CHIP;160ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1221 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1223 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1225 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1226 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4079 | 2007-000539 | R-CHIP;200ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4059 | 2007-000669 | R-CHIP;2Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R423 | 2007-000683 | R-CHIP;3.3Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R118 | 2007-000701 | R-CHIP;3.6Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1148 | 2007-000869 | R-CHIP;4.7Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R408 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R409 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R412 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R415 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R416 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R417 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R424 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R428 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R107 | 2007-000962 | R-CHIP;5.1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R602 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R603 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R604 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R605 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R606 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R607 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R613 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R617 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R618 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R620 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R621 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R622 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R624 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R627 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R628 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R629 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R636 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R653 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R810 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R813 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R817 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1411 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R826 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R827 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R828 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R840 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R842 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R881 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R113 | 2007-002768 | R-CHIP;6.2Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | RA1201 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1202 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1203 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1204 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1205 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1206 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | RA1207 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1208 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1209 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1210 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1211 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1212 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1213 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1214 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1215 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1216 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1401 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1402 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1403 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1404 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1005 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1006 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1007 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1501 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1502 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1503 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1504 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1505 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1506 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1507 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1508 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1509 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1510 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1511 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1601 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1602 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1603 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1604 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1605 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1606 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1607 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1608 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1609 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA1610 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA501 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | RA502 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1630 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | S.A |
|4 | R1631 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | S.A |
|4 | RA1001 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | S.A |
|4 | RA1002 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | S.A |
|4 | RA1003 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | S.A |
|4 | RA1004 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | S.A |
|4 | RA4056 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | S.A |
|4 | C1307 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C322 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C333 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C352 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C353 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1002 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1003 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1004 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1005 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1006 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1007 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1009 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1011 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1013 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1015 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1016 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1017 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1018 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1019 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1021 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1023 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |
|4 | C1025 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | S.A |

[illegible]

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
|4 | C173 | 2203-000405 | C-CER,CHIP;0.18nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1304 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1308 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1803 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1817 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1847L | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1848 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1849 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1850 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1851 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1852 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C206 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C354 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C355 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C404 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C405 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C407 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C410 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C411 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C417 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C424 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C425 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C427 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C428 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C437 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C438 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C440 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C444 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C525 | 2203-000491 | C-CER,CHIP;2.2nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1030 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1034 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1150 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1151 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C204 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C205 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1303 | 2203-000681 | C-CER,CHIP;0.027nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1305 | 2203-000681 | C-CER,CHIP;0.027nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C160 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C174 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C357 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C610 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C611 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C613 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C614 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C616 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C623 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C624 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C626 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C627 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C811 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C812 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C825 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C826 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1310 | 2203-000838 | C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608 | 1 | S.A |
|4 | C805 | 2203-000851 | C-CER,CHIP;0.039nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1315 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C1316 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C337 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C339 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C1204 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1205 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1209 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1210 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C526 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C331 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C518 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C218 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1854 | 2203-001034 | C-CER,CHIP;5.6nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1853 | 2203-001052 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
|4 | C327 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C328 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C335 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1309 | 2203-001554 | C-CER,CHIP;1.8nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C521 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C1312 | 2203-001630 | C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608 | 1 | S.A |
|4 | C321 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C334 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C413 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C416 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C426 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C443 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1039 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1040 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1041 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1042 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1043 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1044 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1045 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1046 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1047 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1048 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1049 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1050 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1051 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1052 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1053 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1054 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1059 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1060 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1061 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1062 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1063 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1064 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C108 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C110 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1202 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1203 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1207 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1208 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1222 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1223 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1225 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1226 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1313 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1317 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1318 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1322 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1401 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C141 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C146 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1501 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C409 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | S.A |
|4 | C436 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | S.A |
|4 | C1319 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C1321 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C1846L | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C209 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C419 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C420 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C421 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C441 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C408 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C412 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C430 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C442 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C450 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C451 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C452 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C453 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C520 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C523 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C158L | 2203-005261 | C-CER,CHIP;1000nF,10%,25V,X7R,3216 | 1 | S.A |
|4 | C303 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C304 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C306 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C307 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C308 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C311 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C313 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C314 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C315 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C316 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C317 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C318 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C345 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C349 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C1001 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1008 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1010 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1012 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1014 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1020 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1022 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1024 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1026 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1028 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1031 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1035 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1037 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1055 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1057 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1153L | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1221 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1224 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1235 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1236 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1237 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1238 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1239 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1240 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C130 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1320 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1402 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C142 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1607 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1751 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1753 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1754 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1755 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1801 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C1808 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1809 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1825 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1838 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1839 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1867 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C201 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C223 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C310 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C312 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C320 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C326 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C329 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C336 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C338 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C341 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C350 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C401 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C433 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C434 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C621 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C625 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C629 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C801 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C803 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C809 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C106 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C1324 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C1779 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C1890 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C505 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C512 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C527 | 2402-000209 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3x5.3mm | 1 | S.A |
|4 | C102 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C103L | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1311 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C133 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1503 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1504 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1780 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1855 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1860 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1882 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1883 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C213 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C323 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C330 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C342 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C402 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C506 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C510 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C515 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C517 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C712 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C105 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C109 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C111 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C113 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C122 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C140 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C147 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C149 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C165 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C167 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1701 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1732 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C175 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C189 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C343 | 2402-001128 | C-AL,SMD;100uF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C346 | 2402-001128 | C-AL,SMD;100#iF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C513 | 2402-001128 | C-AL,SMD;100#iF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1517 | 2402-001147 | C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C519 | 2402-001147 | C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C524 | 2402-001147 | C-AL,SMD;3.3uF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C1810 | 2402-001183 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C302 | 2402-001183 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C332 | 2402-001183 | C-AL,SMD;22uF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C156L | 2402-001218 | C-AL,SMD;22uF,20%,35V,WT,TP,6.6X6.6X5.8M | 1 | S.A |
|4 | C319 | 2402-001226 | C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | S.A |
|4 | C347 | 2402-001226 | C-AL,SMD;4.7uF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | S.A |
|4 | C1148L | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C118 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C135 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C161L | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C181 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C188 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C168 | 2409-001029 | C-ORGANIC,SMD;120#iF,20%,6.3V,WT,TP,8.3x | 1 | S.A |
|4 | C151 | 2409-001051 | C-ORGANIC;82uF,20%,6.3V,WT,TP,6.3*5.9MM, | 1 | S.A |
|4 | C154 | 2409-001065 | C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,- | 1 | S.A |
|4 | C171 | 2409-001065 | C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,- | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000417 | INDUCTOR-SMD;220uH,5%,3225 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001426 | INDUCTOR-SMD;680uH,20%,7070 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | L1008 | 2704-000018 | INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh | 1 | S.N.A |
|4 | L403 | 2704-000018 | INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh | 1 | S.N.A |
|4 | X1301 | 2801-000258 | CRYSTAL-SMD;0.032768MHz,20ppm,SMD,12.5pF | 1 | S.A |
|4 | X201 | 2801-003326 | CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH | 1 | S.A |
|4 | X1101 | 2801-003667 | CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16, | 1 | S.A |
|4 | X301 | 2801-004300 | CRYSTAL-SMD;18.432MHz,30ppm,28-ABX,13pF, | 1 | S.A |
|4 | X1302 | 2801-004629 | CRYSTAL-SMD;27MHz,20ppm,12pF,50ohm,TP | 1 | S.A |
|4 | T0568 | 3301-000314 | BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001082 | BEAD-SMD;60ohm,3225,TP,43ohm/40MHz,83ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001145 | BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001148 | BEAD-SMD;60ohm,1608,TP,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001163 | BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz | 1 | S.N.A |
|4 | T0568 | 3301-001163 | BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001236 | BEAD-SMD;60ohm,1608,-,-,- | 1 | S.N.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001324 | BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001569 | BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90 | 1 | S.N.A |
|4 | T0568 | 3301-001569 | BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90 | 1 | S.N.A |
|4 | T0313 | 3404-001207 | SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST | 1 | S.A |
|4 | JA801 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A |
|4 | JA803 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A |
|4 | L102 | BN27-00008A | COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22 | 1 | S.A |
|4 | L103 | BN27-00008A | COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22 | 1 | S.A |
|4 | T0077 | BN41-00843A | PCB MAIN;FR-4,4,1.6,192*240 | 1 | S.N.A |
|4 | M0018 | BN97-01398A | ASSY MICOM;T-TULPAUS5-XXXX,N35A,2006.11. | 1 | S.N.A |
|5 | IC520 | 0903-001485 | IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR, | 1 | S.A |
|4 | M0018 | BN97-01398B | ASSY MICOM;T-TULPAUS0-XXXX,N35A,2006.11. | 1 | S.N.A |
|5 | IC115 | 1107-001666 | IC-FLASH MEMORY;KFG5616U1A,256Mbit,16Mx1 | 1 | S.N.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
|4 | CN330 | 3711-006374 | HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm, | 1 | S.A |
|4 | R106 | 2007-000259 | R-CHIP;1.6Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | CN330 | 3711-006354 | HEADER-BOARD TO CABLE;BOX,41P,2R,0.5mm,S | 1 | S.A |
|4 | R1821 | 2007-000120 | R-CHIP;680ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1835 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1836 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1837 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1838 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1839 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1840 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1841 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1842 | 2007-000659 | R-CHIP;27ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1801 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1802 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1803 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1804 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1805 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1806 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1810 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1813 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1815 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
| ...3 | T0099 | BN62-00003A | HEAT SINK-IC;NK,SUN,A6063S,T2.5,W28,L28, | 1 | S.N.A |
| ...3 | CN1101 | 3701-001400 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni | 1 | S.A |
| ...3 | CCMM1 | BN73-00152A | SILICON/RUBBER;LNT4661FX/XAA,FILLER,19x1 | 1 | S.N.A |
| 0.1 | | BN91-01403C | ASSY LCD-AMLCD;LNT5261FX/* | 1 | S.N.A |
| ..2 | M0215 | BN07-00394A | LCD-PANEL;LTA520HA03,10bit,52inch,1.07B, | 1 | S.A |
| 0.1 | | BN91-01468A | ASSY SHIELD-SQE;SQE-LNT5265FX/XAA | 1 | S.N.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 7 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 4 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 4 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 10 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 1 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 6 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 4 | S.N.A |
| ..2 | M0081 | 6003-001439 | SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW | 1 | S.N.A |
| ..2 | M0081 | 6006-001096 | SCREW-TAPTITE;BH,+,WP,B,M4,0,L12,ZPC(BLK) | 8 | S.N.A |
| ..2 | M2893 | BN39-00764A | LEAD CONNECTOR;LNS4696DX,UL3239#24,UL/CS | 1 | S.A |
| ..2 | M2893 | BN39-00764B | LEAD CONNECTOR;LNS4696DX,UL3239#24,UL/CS | 1 | S.A |
| ..2 | M2893 | BN39-00830A | LEAD CONNECTOR;LNT4642HX/XAA,UL1061#28,7 | 1 | S.A |
| ..2 | M0174 | BN44-00150A | IP BOARD;SIP52.52" MOSEL,31mA,85mA,150Hz | 1 | S.A |
| ..2 | M0114 | BN61-02500A | HOLDER-WIRE;NYLON6.6,NATURAL | 3 | S.N.A |
| ..2 | | BN61-03007A | HOLDER-WALL;TULIP46,ABS V0 | 2 | S.N.A |
| ...3 | INSERT | BN61-02932A | BRACKET-STOPPER NUT;SUM24L | 2 | S.N.A |
| ..2 | | BN63-03146A | SHIELD-SMPS;TULIP46,SECC,T0.5 | 1 | S.N.A |
| ..2 | T0275 | BN96-04938A | ASSY MISC P-INLET;LNT4661FX/XAA,250/250M | 1 | S.N.A |
| ..2 | M2893 | BP39-00177B | LEAD CONNECTOR;RE40**,UL1007#26,5P,150mm | 1 | S.A |
| ..2 | M2893 | BN39-00802D | LEAD CONNECTOR;HPT4264H,UL1617#22,32P/24 | 1 | S.A |
| ..2 | M0131 | BN63-03009A | GASKET;LN52M71BD,Conductive Fabric,27mm, | 1 | S.N.A |
| ..2 | M0131 | BN63-03522A | GASKET;Tulip,Conductive Fabric,15,25,195 | 1 | S.N.A |
| ..2 | | BN96-05039H | ASSY BOARD P-SIDE HDMI A/V;LNT5265FX/XAA | 1 | S.N.A |
| ...3 | | BN61-03041A | HOLDER-SIDE AV;52M81,UO,PC+ABS,V0,-,-,-, | 1 | S.N.A |
| ...3 | M0020 | BN96-04922B | ASSY BOARD P-SIDE A/V;SPD-63P71FHD,CT500 | 1 | S.N.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ..2 | T0212 | BN61-03258A | BRACKET-PANEL;52N8,SECC,T1.2 | 2 | S.N.A |
| ..2 | T0447 | BN96-04645A | ASSY BRACKET P-PANEL;TULIP SIDE,52,-,-,- | 1 | S.N.A |
| ...3 | M0131 | BN63-03480A | GASKET;LNT4642HX/XAA,Polyurethane Foam,1 | 1 | S.N.A |
| ...3 | M0131 | BN63-03481A | GASKET;LNT4642HX/XAA,Polyurethane Foam,1 | 1 | S.N.A |
| ...3 | M0131 | BN63-03520A | GASKET;Tulip,Conductive Fabric,10,18,300 | 2 | S.N.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|-----------|-------------|--|-------|--------|
| ...3 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ...3 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 4 | S.N.A |
| ...3 | T0081 | BN61-03010A | BRACKET-MAIN;TULIP46,SECC,T1.2,BRACKETLE | 1 | S.N.A |
| ...3 | | BN61-03011A | BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,RI | 2 | S.N.A |
| ...3 | | BN61-03012A | BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,LE | 1 | S.N.A |
| ...3 | | BN61-03057A | BRACKET-PANEL BOTTOM;TULIP52,SECC,T1.2 | 1 | S.N.A |
| ...3 | M0115 | BN61-03109A | BRACKET-STAND LINK;TULIP-SIDE 46,SECC,T1 | 1 | S.N.A |
| ..2 | M2893 | BN39-00882A | LEAD CONNECTOR-LVDS;LNT4061F,UL1571#30,5 | 1 | S.A |
| ..2 | M0596 | BN96-05164A | ASSY MISC P-FLAT CABLE;HPT5064X/XAA,450M | 1 | S.A |
| 0.1 | M0045 | BN92-02417C | ASSY ACCESSORY;LNT5265HX/XAA | 1 | S.N.A |
| ..2 | M0045 | BN96-04838B | ASSY ACCESSORY;LNT4061FX/XAA | 1 | S.A |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A |
| ...3 | ACCESSORY | AA68-00371C | CARD WARRANTY-04;;SEA,W/P100(G),1 YEAR | 1 | S.N.A |
| ...3 | T0210 | AA68-03242F | MANUAL FLYER-01,SAFETY GUIDE;All Model,S | 1 | S.N.A |
| ...3 | T0511 | BN68-01178A | MANUAL USERS;COMM,SAMSUNG,ENG/SPA,N,Amer | 1 | S.N.A |
| ...3 | ACCESSORY | BN68-01179A | MANUAL FLYER-QSG;COMM,SAMSUNG,English,N. | 1 | S.N.A |
| ...3 | T0238 | AA68-03870B | MANUAL FLYER-REGISTRATION CARD;comm,Sams | 1 | S.N.A |
| ..2 | M0045 | BN96-04838D | ASSY ACCESSORY;LNT5265FX/XAA | 1 | S.A |
| ...3 | T0268 | 3903-000144 | CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA) | 1 | S.A |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A |
| ...3 | T0074 | BN59-00599A | REMOCON;Bordeaux plus,TM87C,SAMSUNG28P+E | 1 | S.A |
| ...3 | ACCESSORY | BN63-01798A | CLOTH-CLEAN;RE40**;CLOTH,310,320,RHCM | 1 | S.N.A |
| ...3 | T0531 | BN63-03308A | COVER-BOTTOM;46,52N81,HIPS,-,-,-,V0,-,BK | 1 | S.A |
| 0.1 | M0003 | BN92-02506A | ASSY BOX;TULIP SIDE 52 | 1 | S.N.A |
| ..2 | M0521 | BN69-01809A | BOX-SET,IN;52N8,CB,C-01,DY-01,AB,W1821,D | 1.02 | S.N.A |
| ..2 | | BN69-01810A | BOX-SET,OUT;52N8,CB,C-03,DY-01,AB,W1430, | 1.02 | S.N.A |
| 0.1 | M0113 | BN92-02509A | ASSY P/MATERIAL;TULIP SIDE 52 | 1 | S.N.A |
| ..2 | T0376 | 6902-000001 | BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE | 0.023 | S.N.A |
| ..2 | T0376 | 6902-000061 | BAG AIR;LDPE,T0.2,L1000,W500,TRP,,, | 0.081 | S.N.A |
| ..2 | T0524 | 6902-000426 | BAG PE;HDPE/NITRON,T0.015/T0.5,W1600,L14 | 1 | S.N.A |
| ..2 | T0214 | AA61-20285A | HOLDER-BOX;CTV,PP,NTR,HB | 2 | S.N.A |
| ..2 | T0172 | AA69-02609A | BAND-PP;W18,CLEA,1G | 5.7 | S.N.A |
| ..2 | CCM1 | BN63-03540A | COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3 | 2 | S.N.A |
| 0.1 | M0019 | BN92-02416G | ASSY LABEL;LNT5265FX/XAA | 1 | S.N.A |

6 Electrical Parts List

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

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

6-1 LNT5265F Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|------------|---------------|--|------|--------|
| | | LNT5265FX/XAA | LN-T5265F,N35A/52N80-GTU,52,LCD-TV,UNITE | | |
| 0.1 | M0001 | BN90-01249A | ASSY COVER FRONT;TULIP SIDE 52 | 1 | S.N.A |
| ..2 | T0003 | BN96-05065A | ASSY COVER P-FRONT;52N81,UO,PC,V0,BK27,S | 1 | S.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 1 | S.N.A |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2 | 2.21 | S.N.A |
| ...3 | M0112 | BN63-03304A | COVER-FRONT;52N81,UO,PC,-,-,V0,-,BK27, | 1 | S.N.A |
| ...3 | T0061 | BN64-00453A | WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS | 1 | S.N.A |
| ...3 | | BN96-04802A | ASSY MISC P-BLU;Bordeaux Plus,BACK LIGHT | 1 | S.N.A |
| ...3 | | BN96-05068A | ASSY HOLDER P-BOSS;TULIP SIDE,52 | 1 | S.N.A |
|4 | | BN61-03114A | HOLDER-BOSS BOTTOM;TULIP-SIDE 52,HIPS V0 | 1 | S.N.A |
|4 | | BN61-03261A | BOSS-TAPE;Tulip,ACRYL,T1.1,W12mm,GRAY,TA | 1.6 | S.N.A |
| ...3 | T0066 | BN96-05074A | ASSY COVER P-DECORATION;52N81,RIGHT,ABS, | 1 | S.N.A |
|4 | T0527 | BN64-00627A | GRILLE-SPEAKER;52N8,PET SHEET,T0.25,6.5, | 1 | S.N.A |
|4 | | BN61-03261B | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.7 | S.N.A |
|4 | T0056 | BN63-03309C | COVER-DECORATION;52N81,RIGHT,ABS,V0,V/ME | 1 | S.N.A |
| ...3 | T0066 | BN96-05077A | ASSY COVER P-DECORATION;52N81,LEFT,ABS,V | 1 | S.N.A |
|4 | T0527 | BN64-00627A | GRILLE-SPEAKER;52N8,PET SHEET,T0.25,6.5, | 1 | S.N.A |
|4 | | BN61-03261B | BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA | 0.7 | S.N.A |
|4 | T0056 | BN63-03310C | COVER-DECORATION;52N81,LEFT,ABS,V0,V/MET | 1 | S.N.A |
| ...3 | M0146 | BN96-05307C | ASSY BOARD P-POWER&IR;LNT5265FX/XAA,CT50 | 1 | S.A |
| ...3 | T0066 | BN96-05071B | ASSY COVER P-DECORATION;52N81,TOP,ABS,V0 | 1 | S.N.A |
|4 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
|4 | T0022 | BN64-00614A | KNOB CONTROL;TULIP-SIDE 40,ABS,HB,V/META | 1 | S.N.A |
|4 | M0145 | BN96-05306A | ASSY BOARD P-FUNCTION;LNT4665FX/XAA,CT50 | 1 | S.A |
|4 | T0056 | BN63-03305C | COVER-DECORATION;52N81,TOP,ABS,V0,V/META | 1 | S.N.A |
| ..2 | T0175 | BN96-04958B | ASSY SPEAKER P;8ohm,Tulip side 46", 50", | 1 | S.A |
| 0.1 | M0216 | BN90-01256A | ASSY STAND;TULIP SIDE 52 | 1 | S.N.A |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 4 | S.A |
| ..2 | M0027 | BN96-05084A | ASSY STAND P-BASE;TULIP SIDE,46,52,-,-,- | 1 | S.A |
| ...3 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 4 | S.A |
| ...3 | M0081 | 6003-001239 | SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S | 6 | S.A |
| ...3 | | BN61-02532A | HOLDER-SWIVEL RING;46M7 EO,ACETAL,BLK,TO | 1 | S.N.A |
| ...3 | | BN61-02533A | HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL | 1 | S.N.A |
| ...3 | | BN61-02534A | HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL | 1 | S.N.A |
| ...3 | | BN61-02536A | BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0 | 1 | S.N.A |
| ...3 | | BN61-02664A | BRACKET-STAND BOTTOM;MOSEL2 46,SGHC,T3.0 | 1 | S.N.A |
| ...3 | | BN63-03368A | COVER-STAND SUB;TULIP-SIDE 46,ABS+PMMA,B | 1 | S.N.A |
| ...3 | T0004 | BN63-03372A | COVER-STAND BASE;TULIP-SIDE 46,ABS+PMMA, | 1 | S.N.A |
| ...3 | | BN63-03374A | COVER-STAND DECORATION;TULIP-SIDE 46,ABS | 1 | S.N.A |
| ...3 | T0132 | BN73-00052A | RUBBER FOOT;ARES 17,SILICON,DIA 17 * T1. | 6 | S.N.A |
| ...3 | CCM1 | BN63-02183D | COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20 | 0.9 | S.N.A |
| ...3 | T0920 | BN61-03110B | GUIDE-STAND;Tulip-side 46,PC,GF20% | 1 | S.N.A |
|4 | T0514 | BN61-02537A | BRACKET-SUPPORT;46M7,SECC,T2.0 | 2 | S.N.A |
| 0.1 | M0002 | BN90-01258A | ASSY COVER REAR;TULIP SIDE 52 | 1 | S.N.A |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 15 | S.A |
| ..2 | T0081 | 6002-001294 | SCREW-TAPPING;BH,+,-,M4,L16,ZPC(BLK) | 1 | S.A |
| ..2 | M0013 | BN96-05080A | ASSY COVER P-REAR;52N81,UO,PC+ABS,V0,BK2 | 1 | S.A |
| ...3 | CCM1 | BN63-02183H | COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2 | 1.1 | S.N.A |
| ...3 | M0006 | BN63-03307A | COVER-REAR;52N81,UO,PC+ABS,-,-,V0,-,BK | 1 | S.N.A |
| ...3 | T0071 | BN64-00553C | INLAY-TERMINAL;07,COMMON,UO,PS SHEET,T0. | 1 | S.N.A |
| ...3 | T0064 | BN65-00002A | CLAMPER CORE;BORDEAUX,PP,V0,BLK | 1 | S.N.A |
| ..2 | C/REAR+H/W | 6011-001610 | BOLT-ETC;M8,L18,ZPC(BLK),SWRCH18A,WSP,PH | 4 | S.N.A |
| 0.1 | M0017 | BN91-01392C | ASSY CHASSIS;LNT5261FX/* | 1 | S.N.A |
| ..2 | M0014 | BN94-01199F | ASSY PCB MAIN-AMLCD;LNT5265FX/XAA | 1 | S.A |
| ...3 | T0245 | 0202-001492 | SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-, | 0.25 | S.N.A |
| ...3 | CN906 | 3707-001081 | CONNECTOR-OPTICAL;STRAIGHT,SPDIF | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|-------|--------|
| ...3 | CN330 | 3711-000058 | HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN | 1 | S.A |
| ...3 | CN330 | 3711-004484 | HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA | 1 | S.A |
| ...3 | CN330 | 3711-004531 | HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG | 1 | S.A |
| ...3 | CN330 | 3711-005842 | HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR | 1 | S.A |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | S.A |
| ...3 | JA330 | 3722-001061 | JACK-PHONE;1P,3.6PI,AG,BLK,N | 1 | S.A |
| ...3 | JA332 | 3722-001734 | JACK-VHS;4P,SN,BLK,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002360 | JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002362 | JACK-PIN;2P,Sn,WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | JA333 | 3722-002363 | JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT | 1 | S.A |
| ...3 | CIS3 | BN40-00107A | TUNER;DNVS227IH262A,DNVS227IH262A,NTSC/V | 1 | S.A |
| ...3 | T0099 | BN62-00003A | HEAT SINK-IC;NK,SUN,A6063S,T2.5,W28,L28, | 1 | S.N.A |
| ...3 | T0099 | BN62-00003A | HEAT SINK-IC;NK,SUN,A6063S,T2.5,W28,L28, | 1 | S.N.A |
| ...3 | T0174 | BN97-01415F | ASSY SMD;LNT5265FX/XAA | 1 | S.N.A |
|4 | SUB05 | 0202-001477 | SOLDER-CREAM;LST309-M,-D20-45\$,96.5Sn/ | 4,891 | S.N.A |
|4 | D402 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
|4 | D408 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
|4 | D409 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
|4 | D410 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
|4 | D411 | 0401-000133 | DIODE-SWITCHING;RLS4148,75V,150mA,LL-34, | 1 | S.A |
|4 | D207 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D208 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D209L | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D212L | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D213 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D221 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D222 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D501 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D724 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D725 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D726 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D727 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D728 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D729 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D730 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D731 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D801 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D802 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D804 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D805 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D806 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D808 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D809 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D810 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D811 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D812 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D813 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D814 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D815 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D822 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D823 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D830 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D831 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D832 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D833 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D834 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D835 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D836 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D837 | 0401-001056 | DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO | 1 | S.A |
|4 | D215 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D216 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D217 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D220 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | D225 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D302 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D401 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D406 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D407 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D745 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D845 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D846 | 0401-001099 | DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3 | 1 | S.A |
|4 | D0254 | 0402-000553 | DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2 | 1 | S.A |
|4 | D102 | 0402-001098 | DIODE-RECTIFIER;SK34,40V,3A,SMC,TP | 1 | S.A |
|4 | D206 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D214 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D218 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D734 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D820 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D838 | 0403-000620 | DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL- | 1 | S.A |
|4 | D1201 | 0403-000746 | DIODE-ZENER;RLZ3.9B,3.89-4.16V,500mW,LL- | 1 | S.A |
|4 | D719 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D722 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D803 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D824 | 0403-001016 | DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL- | 1 | S.A |
|4 | D601 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D602 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D603 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D623 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D626 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D627 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D628 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D647 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D656 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D657 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D658 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D659 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D660 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D661 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D662 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D663 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D807 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D816 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D817 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D818 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D819 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D821 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D825 | 0403-001052 | DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2 | 1 | S.A |
|4 | D301 | 0403-001282 | DIODE-ZENER;BZT52-C15,13.8-15.6,410mW,SO | 1 | S.A |
|4 | D502 | 0403-001425 | DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23 | 1 | S.A |
|4 | D604 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D609 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D610 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D611 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D617 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D618 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D621 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D622 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D629 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D633 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D634 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D637 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D638 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D645 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D646 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D650 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D651 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D652 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D653 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D654 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D655 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | D827 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D828 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D841 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D842 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D844 | 0406-001172 | DIODE-TVS;CDS3C30GTH,48V,SMD | 1 | S.A |
|4 | D732 | 0406-001181 | DIODE-TVS;NUP4201MR6,6/-V,500W,TSOP-6 | 1 | S.A |
|4 | D201 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | D202 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | D203 | 0407-000123 | DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT- | 1 | S.A |
|4 | Q301 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q401 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q405 | 0501-000280 | TR-SMALL SIGNAL;KSA1182,PNP,150MW,SOT-23 | 1 | S.A |
|4 | Q1201 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1305 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1306 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1306L | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q1401 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q201 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q206 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q207 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q209L | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q210 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q502 | 0501-000342 | TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT- | 1 | S.A |
|4 | Q208 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q402 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q404 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q406 | 0501-000344 | TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT- | 1 | S.A |
|4 | Q101L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q102L | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q501 | 0501-002080 | TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59 | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm.0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm.0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm.0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm.0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm.0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm.0. | 1 | S.A |
|4 | Q409 | 0505-000110 | FET-SILICON;2N7002,N,60V,115mA,7.5ohm.0. | 1 | S.A |
|4 | Q409 | 0505-000275 | FET-SILICON;SI4435DY,P,-30V,+8.0A,0.014 | 1 | S.A |
|4 | IC104 | 0801-002095 | IC-CMOS LOGIC;74LCX245,TRANSCEIVER,TSSOP | 1 | S.A |
|4 | IC104 | 0801-002393 | IC-CMOS LOGIC;74VHC244,BUS BUFFER,TSSOP, | 1 | S.A |
|4 | IC104 | 0801-002633 | IC-CMOS LOGIC;NC7WBD3125,2BIT BUS SWITCH | 1 | S.A |
|4 | IC104 | 0801-002780 | IC-CMOS LOGIC;SN74LVC1G17,SCHMITT-TRIGGE | 1 | S.A |
|4 | IC301 | 1001-000164 | IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16 | 1 | S.A |
|4 | IC208 | 1001-001109 | IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C | 1 | S.A |
|4 | IC602 | 1001-001155 | IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC | 1 | S.A |
|4 | IC106 | 1001-001440 | IC-VIDEO SWITCH;SiI9185CTU,QFP,80P,3.3V, | 1 | S.A |
|4 | IC603 | 1006-001266 | IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P, | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-000129 | IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x | 1 | S.A |
|4 | IC112 | 1103-001385 | IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x | 1 | S.A |
|4 | IC113 | 1105-001571 | IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T | 1 | S.A |
|4 | IC113 | 1105-001571 | IC-DRAM;K4D551638,GDDR,256Mbit,4x4Mx16,T | 1 | S.A |
|4 | IC113 | 1105-001674 | IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB | 1 | S.A |
|4 | IC113 | 1105-001674 | IC-DRAM;EM6A9320BI,-,128Mbit,4Mx32Bit,FB | 1 | S.A |
|4 | DJ410 | 1201-000166 | IC-OP AMP;LM358,SOP,ST,8P,150ML,DUAL,10 | 1 | S.A |
|4 | T0085 | 1201-002136 | IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,- | 1 | S.A |
|4 | T0124 | 1201-002430 | IC-POWER AMP;NTP-3000,QFN,56P,8x8mm,DUAL | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POSITIVE ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POSITIVE ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | IC012 | 1203-001195 | IC-POSITIVE ADJUST REG.;1587,TO-263,3P,393MI | 1 | S.A |
|4 | T0087 | 1203-001488 | IC-POSITIVE FIXED REG.;7805,TO-252,3P,-,PLAS | 1 | S.A |
|4 | T0087 | 1203-001815 | IC-POSITIVE FIXED REG.;78M09,TO-252,3P,-,PLA | 1 | S.A |
|4 | T0087 | 1203-001816 | IC-POSITIVE FIXED REG.;78M08,TO-252,3P,-,PLA | 1 | S.A |
|4 | T0087 | 1203-002699 | IC-POSITIVE FIXED REG.;78D05,DPAK,3P,6.6X6.1 | 1 | S.A |
|4 | T0087 | 1203-002842 | IC-POSITIVE FIXED REG.;AP1117D-33A,TO-252,3P | 1 | S.A |
|4 | T0087 | 1203-002974 | IC-POSITIVE FIXED REG.;AP1117D-25A,TO-252,3P | 1 | S.A |
|4 | IC012 | 1203-002995 | IC-POSITIVE ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | IC012 | 1203-002995 | IC-POS1.ADJUST REG.;AP1117D-A,TO-252,3P, | 1 | S.A |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | S.A |
|4 | T0170 | 1203-003059 | IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3 | 1 | S.A |
|4 | IC701 | 1203-003394 | IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4 | 1 | S.A |
|4 | T0087 | 1203-003696 | IC-POS1.FIXED REG.;NCP1117DT18T5G,DPAK,3 | 1 | S.A |
|4 | IC205 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A |
|4 | IC206 | 1203-004364 | IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P, | 1 | S.A |
|4 | IC118 | 1204-002484 | IC-VIDEO PROCESS;SVP-LX64-7164,BGA,564P, | 1 | S.N.A |
|4 | IC302 | 1204-002708 | IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM | 1 | S.A |
|4 | IC118 | 1204-002729 | IC-VIDEO PROCESS;S4LF119X01,PBGA,208P,17 | 1 | S.A |
|4 | IC1301 | 1204-002747 | IC-DECODER;S4LF111X01,BGA,416P,27x27mm,P | 1 | S.A |
|4 | IC1302 | 1205-003154 | IC-CLOCK GENERATOR;6V10001PGG,TSSOP,24P, | 1 | S.A |
|4 | R1519 | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1520 | 2007-000040 | R-CHIP;150ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1045 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1201 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1202 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1203 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1204 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R287 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R616 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R735 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R807 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R854 | 2007-000043 | R-CHIP;1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R109 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R110 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2002 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2006 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2012 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2014 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2016 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R2029L | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R218 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R219 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R274 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R289 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R290 | 2007-000052 | R-CHIP;10Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R504 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R506 | 2007-000060 | R-CHIP;100Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1001 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1002 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1003 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1004 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1005 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1006 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1007 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1008 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1009 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1010 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1011 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1012 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1013 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1014 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1015 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1016 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1017 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1018 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1019 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1020 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1021 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1022 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1023 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1025 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1027 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1028 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1029 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1030 | 2007-000070 | R-CHIP;0ohm,5%,1/10W,TP,1608 | 1 | S.A |

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R632 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R633 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R651 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R652 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R726 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R774 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R843 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R879 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R880 | 2007-000074 | R-CHIP;100ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1231 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R513 | 2007-000076 | R-CHIP;330ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2001 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3013L | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R611 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R612 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R614 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R615 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R630 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R631 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R853 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R855 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R877 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R878 | 2007-000077 | R-CHIP;470ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R101L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R103 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R125 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R126 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1312 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1314 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1330 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2027L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R215 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R245 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R288 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3004L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3007L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R325 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R333 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R334 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4019L | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R502 | 2007-000078 | R-CHIP;1Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3005L | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3006L | 2007-000082 | R-CHIP;3.3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4080 | 2007-000083 | R-CHIP;3Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1024 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R102L | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1143 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1145 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1160 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1161 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1162 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1163 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1196 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1306 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1318 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1369 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1370 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1371 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1372 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1373 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1374 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1375 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1376 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1377 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1378 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1379 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1380 | 2007-000084 | R-CHIP;4.7Kohm,5%,1/10W,TP,1608 | 1 | S.A |

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R1388 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1389 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1392 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R201 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2015 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R202 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2020 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2021 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R203 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R205 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R206 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R207 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R208 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R209 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R210 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R213 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R214 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R269 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R270 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R295P | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R3002L | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R430 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R721 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R722 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R739 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R801 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R802 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R812 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R824 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R825 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R841 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R846 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R847 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R848 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R859 | 2007-000090 | R-CHIP;10Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R117 | 2007-000092 | R-CHIP;15Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R328 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R331 | 2007-000093 | R-CHIP;20Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R517 | 2007-000094 | R-CHIP;22Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R120L | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1425 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1446 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2004 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R319 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R320 | 2007-000097 | R-CHIP;47Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R108L | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R301 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R302 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R304 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R305 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R306 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R308 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R309 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R310 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R312 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R313 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R314 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R316 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R326 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R337 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R512 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R518 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R634 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R635 | 2007-000102 | R-CHIP;100Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R505 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R507 | 2007-000106 | R-CHIP;220Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R332 | 2007-000107 | R-CHIP;470Kohm,5%,1/10W,TP,1608 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------|------|--------|
|4 | R1319 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1332 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1359 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1360 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1362 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1364 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1366 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1390 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1391 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1501 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1502 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1503 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1504 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1505 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1506 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1507 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1508 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1509 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1510 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1511 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1512 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1513 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1514 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1515 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1516 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1517 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1518 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1607 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1609 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1610 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1614 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1615 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1616 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1618 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1629 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2023 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2024 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4011 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R514 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R515 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R519 | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R717S | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R718S | 2007-000113 | R-CHIP;33ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R9175 | 2007-000116 | R-CHIP;120ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1821 | 2007-000120 | R-CHIP;680ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R279L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R280L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R281L | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4004 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R4005 | 2007-000123 | R-CHIP;1.5Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2007 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R2028 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R405 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R407 | 2007-000124 | R-CHIP;2.2Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R285 | 2007-000129 | R-CHIP;27Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R106 | 2007-000259 | R-CHIP;1.6Kohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1398 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1399 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1812 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1823 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1824 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1825 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1826 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1827 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1828 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R1829 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R228 | 2007-000309 | R-CHIP;10ohm,5%,1/10W,TP,1608 | 1 | S.A |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | R204 | 2007-000683 | R-CHIP;3.3Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R422 | 2007-000683 | R-CHIP;3.3Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R423 | 2007-000683 | R-CHIP;3.3Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R118 | 2007-000701 | R-CHIP;3.6Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1148 | 2007-000869 | R-CHIP;4.7Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R408 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R409 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R412 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R415 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R416 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R417 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R424 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R428 | 2007-000882 | R-CHIP;4.7ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R107 | 2007-000962 | R-CHIP;5.1Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R602 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R603 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R604 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R605 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R606 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R607 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R613 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R617 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R618 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R620 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R621 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R622 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R624 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R627 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R628 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R629 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R636 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R653 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R810 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R813 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R817 | 2007-001164 | R-CHIP;75ohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | R1411 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R826 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R827 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R828 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R840 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R842 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R881 | 2007-001167 | R-CHIP;75ohm,5%,1/10W,TP,1608 | 1 | S.A |
|4 | R113 | 2007-002768 | R-CHIP;6.2Kohm,1%,1/10W,TP,1608 | 1 | S.A |
|4 | RA1201 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1202 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1203 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1204 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1205 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1206 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1207 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1208 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1209 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1210 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1211 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1212 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1213 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1214 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1215 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1216 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1401 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1402 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1403 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | RA1404 | 2011-000002 | R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216 | 1 | S.A |
|4 | R1801 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1802 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1803 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |
|4 | R1804 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | S.A |

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | R1805 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | R1806 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | R1810 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | R1813 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | R1815 | 2011-000585 | R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1005 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1006 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1007 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1501 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1502 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1503 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1504 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1505 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1506 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1507 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1508 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1509 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1510 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1511 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1601 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1602 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1603 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1604 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1605 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1606 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1607 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1608 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1609 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA1610 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA501 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | RA502 | 2011-000881 | R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1. | 1 | SA |
|4 | R1630 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | SA |
|4 | R1631 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | SA |
|4 | RA1001 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | SA |
|4 | RA1002 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | SA |
|4 | RA1003 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | SA |
|4 | RA1004 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | SA |
|4 | RA4056 | 2011-001001 | R-NET;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.6 | 1 | SA |
|4 | C1307 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C322 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C333 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C352 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C353 | 2203-000140 | C-CER,CHIP;1.5nF,10%,50V,X7R,1608 | 1 | SA |
|4 | C1002 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1003 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1004 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1005 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1006 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1007 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1009 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1011 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1013 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1015 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1016 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1017 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1018 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1019 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1021 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1023 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1025 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1027 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1029 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1032 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1033 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1036 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C1038 | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |
|4 | C104L | 2203-000189 | C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608 | 1 | SA |

[illegible]

6 Electrical Parts List

[illegible]

[illegible]

6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---|------|--------|
|4 | C1304 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1308 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1803 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1817 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1847L | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1848 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1849 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1850 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1851 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1852 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C206 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C354 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C355 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C404 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C405 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C407 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C410 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C411 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C417 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C424 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C425 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C427 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C428 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C437 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C438 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C440 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C444 | 2203-000440 | C-CER,CHIP;1nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C525 | 2203-000491 | C-CER,CHIP;2.2nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1030 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1034 | 2203-000531 | C-CER,CHIP;2.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1150 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1151 | 2203-000552 | C-CER,CHIP;0.02nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C204 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C205 | 2203-000626 | C-CER,CHIP;0.022nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1303 | 2203-000681 | C-CER,CHIP;0.027nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1305 | 2203-000681 | C-CER,CHIP;0.027nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C160 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C174 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C357 | 2203-000715 | C-CER,CHIP;3.3nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C610 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C611 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C613 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C614 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C616 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C623 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C624 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C626 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C627 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C811 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C812 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C825 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C826 | 2203-000783 | C-CER,CHIP;0.33nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1310 | 2203-000838 | C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608 | 1 | S.A |
|4 | C805 | 2203-000851 | C-CER,CHIP;0.039nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1315 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C1316 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C337 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C339 | 2203-000872 | C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608 | 1 | S.A |
|4 | C1204 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1205 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1209 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1210 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C526 | 2203-000888 | C-CER,CHIP;4.7nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C331 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C518 | 2203-000972 | C-CER,CHIP;47nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C218 | 2203-000998 | C-CER,CHIP;0.047nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1854 | 2203-001034 | C-CER,CHIP;5.6nF,10%,50V,X7R,1608 | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|---------------------------------------|------|--------|
|4 | C1853 | 2203-001052 | C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608 | 1 | S.A |
|4 | C327 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C328 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C335 | 2203-001071 | C-CER,CHIP;0.056nF,5%,50V,C0G,1608 | 1 | S.A |
|4 | C1309 | 2203-001554 | C-CER,CHIP;1.8nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C521 | 2203-001607 | C-CER,CHIP;0.22nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C1312 | 2203-001630 | C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608 | 1 | S.A |
|4 | C321 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C334 | 2203-001656 | C-CER,CHIP;0.47nF,5%,50V,NP0,1608 | 1 | S.A |
|4 | C413 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C416 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C426 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C443 | 2203-002398 | C-CER,CHIP;22nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C1039 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1040 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1041 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1042 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1043 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1044 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1045 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1046 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1047 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1048 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1049 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1050 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1051 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1052 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1053 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1054 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1059 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1060 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1061 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1062 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1063 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1064 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C108 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C110 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1202 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1203 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1207 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1208 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1222 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1223 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1225 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1226 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1306 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1313 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1317 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1318 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1322 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C1401 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C141 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A</ |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C633 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C708 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C713 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C802 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C810 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C827 | 2203-005005 | C-CER,CHIP;100nF,10%,16V,X7R,1608 | 1 | S.A |
|4 | C409 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | S.A |
|4 | C436 | 2203-005030 | C-CER,CHIP;470nF,+80-20%,50V,Y5V,TP,3216 | 1 | S.A |
|4 | C1319 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C1321 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C1846L | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C209 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C419 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C420 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C421 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C441 | 2203-005065 | C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608 | 1 | S.A |
|4 | C408 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C412 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C430 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C442 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C450 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C451 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C452 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C453 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C520 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C523 | 2203-005249 | C-CER,CHIP;100nF,10%,50V,X7R,1608 | 1 | S.A |
|4 | C158L | 2203-005261 | C-CER,CHIP;1000nF,10%,25V,X7R,3216 | 1 | S.A |
|4 | C303 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C304 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C306 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C307 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C308 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C311 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C313 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C314 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C315 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C316 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C317 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C318 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C345 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C349 | 2203-005533 | C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608 | 1 | S.A |
|4 | C1001 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1008 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1010 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1012 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1014 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1020 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1022 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1024 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1026 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1028 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1031 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1035 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1037 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1055 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1057 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1153L | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1221 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1224 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1235 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1236 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1237 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1238 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1239 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1240 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C130 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1320 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |

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| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C1402 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C142 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1607 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1751 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1753 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1754 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1755 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1801 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1808 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1809 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1825 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1838 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1839 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C1867 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C201 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C223 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C310 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C312 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C320 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C326 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C329 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C336 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C338 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C341 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C350 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C401 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C433 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C434 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C621 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C625 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C629 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C801 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C803 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C809 | 2203-006333 | C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216 | 1 | S.A |
|4 | C102 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C103L | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1311 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C133 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1503 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1504 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1780 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1855 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1860 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1882 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C1883 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C213 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C323 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C330 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C342 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C402 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C506 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C510 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C515 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C517 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C712 | 2402-001086 | C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3 | 1 | S.A |
|4 | C105 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C109 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C111 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C113 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C122 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C140 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C147 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C149 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C165 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C167 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1701 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1732 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | C175 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C189 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C343 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C346 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C513 | 2402-001128 | C-AL,SMD;100µF,20%,16V,-,TP,6.3X5.7mm | 1 | S.A |
|4 | C1517 | 2402-001147 | C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C519 | 2402-001147 | C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C524 | 2402-001147 | C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM | 1 | S.A |
|4 | C106 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C1324 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C1779 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C1810 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C1890 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C302 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C332 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C505 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C512 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C527 | 2402-001183 | C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM | 1 | S.A |
|4 | C156L | 2402-001218 | C-AL,SMD;22UF,20%,35V,WT,TP,6.6X6.6X5.8M | 1 | S.A |
|4 | C319 | 2402-001226 | C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | S.A |
|4 | C347 | 2402-001226 | C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8 | 1 | S.A |
|4 | C1148L | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C118 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C135 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C161L | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C181 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C188 | 2402-001268 | C-AL,SMD;100uF,+20%,25V,WT,REEL,8x6.3 | 1 | S.A |
|4 | C406 | 2402-001273 | C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm | 1 | S.A |
|4 | C422 | 2402-001273 | C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm | 1 | S.A |
|4 | C168 | 2409-001029 | C-ORGANIC,SMD;120µF,20%,6.3V,WT,TP,8.3x | 1 | S.A |
|4 | C151 | 2409-001051 | C-ORGANIC;82UF,20%,6.3V,WT,TP,6.3*5.9MM, | 1 | S.A |
|4 | C154 | 2409-001065 | C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,- | 1 | S.A |
|4 | C171 | 2409-001065 | C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,- | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000398 | INDUCTOR-SMD;10uH,10%,3225 | 1 | S.A |
|4 | T0052 | 2703-000417 | INDUCTOR-SMD;220uH,5%,3225 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001229 | INDUCTOR-SMD;2.2uH,10%,1608 | 1 | S.A |
|4 | T0052 | 2703-001426 | INDUCTOR-SMD;680uH,20%,7070 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | T0052 | 2703-001778 | INDUCTOR-SMD;3.3uH,20%,3225 | 1 | S.A |
|4 | L1008 | 2704-000018 | INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh | 1 | S.N.A |
|4 | L403 | 2704-000018 | INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh | 1 | S.N.A |
|4 | X1301 | 2801-000258 | CRYSTAL-SMD;0.032768MHz,20ppm,SMD,12.5pF | 1 | S.A |
|4 | X201 | 2801-003326 | CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH | 1 | S.A |
|4 | X1101 | 2801-003667 | CRYSTAL-SMD;14.31818MHz,30ppm,28-AAN,16p | 1 | S.A |
|4 | X301 | 2801-004300 | CRYSTAL-SMD;18.432MHz,30ppm,28-ABX,13pF, | 1 | S.A |
|4 | X1302 | 2801-004629 | CRYSTAL-SMD;27MHz,20ppm,12pF,50ohm,TP | 1 | S.A |
|4 | T0568 | 3301-000314 | BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,- | 1 | S.N.A |

6 Electrical Parts List

[illegible]

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|----------|-------------|--|------|--------|
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001404 | BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz | 1 | S.A |
|4 | T0568 | 3301-001569 | BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90 | 1 | S.N.A |
|4 | T0568 | 3301-001569 | BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90 | 1 | S.N.A |
|4 | JA801 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A |
|4 | JA803 | 3701-001367 | CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU | 1 | S.A |
|4 | CN330 | 3711-006354 | HEADER-BOARD TO CABLE;BOX,41P,2R,0.5mm,S | 1 | S.A |
|4 | CN330 | 3711-006374 | HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm, | 1 | S.A |
|4 | L102 | BN27-00008A | COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22 | 1 | S.A |
|4 | L103 | BN27-00008A | COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22 | 1 | S.A |
|4 | T0077 | BN41-00843B | PCB MAIN;TULIP/SHAFFRON,FR-4,1.6,192*240 | 1 | S.N.A |
|4 | M0018 | BN97-01398A | ASSY MICOM;T-TULPAUS5-1008,N35A,2007.4.1 | 1 | S.N.A |
|5 | IC520 | 0903-001485 | IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR, | 1 | S.N.A |
|4 | M0018 | BN97-01398B | ASSY MICOM;T-TULPAUS0-1028,N35A,2007.5.1 | 1 | S.N.A |
|5 | IC115 | 1107-001666 | IC-FLASH MEMORY;KFG5616U1A,256Mbit,16Mx1 | 1 | S.N.A |
|4 | IC1801 | 1205-003256 | IC-RECEIVER;SiI9125CTU(Rev0.3),TQFP,144P | 1 | S.A |
| ...3 | CN1101 | 3701-001294 | CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,AU | 1 | S.A |
| ...3 | T0066 | BP62-00030A | HEAT SINK-ES;PDP,A6063S,T2.5,18,18,,TAP | 1 | S.N.A |
| 0.1 | | BN91-01403C | ASSY LCD-AMLCD;LNT5261FX/* | 1 | S.N.A |
| ..2 | M0215 | BN07-00394A | LCD-PANEL;LTA520HA03,10bit,52inch,1.07B, | 1 | S.A |
| 0.1 | | BN91-01468A | ASSY SHIELD-SQE;SQE-LNT5265FX/XAA | 1 | S.N.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 6 | S.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 7 | S.A |
| ..2 | M0081 | 6003-000115 | SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC | 5 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 4 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 4 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 2 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 10 | S.A |
| ..2 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 1 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 6 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ..2 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 4 | S.N.A |
| ..2 | M0081 | 6003-001439 | SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW | 1 | S.N.A |
| ..2 | M0081 | 6006-001096 | SCREW-TAPTITE;BH,+,WP,B,M4,0.12,ZPC(BLK) | 8 | S.N.A |
| ..2 | M2893 | BN39-00764A | LEAD CONNECTOR;LNS4696DX,UL3239#24,UL/CS | 1 | S.A |
| ..2 | M2893 | BN39-00764B | LEAD CONNECTOR;LNS4696DX,UL3239#24,UL/CS | 1 | S.A |
| ..2 | M2893 | BN39-00830A | LEAD CONNECTOR;LNT4642HX/XAA,UL1061#28,7 | 1 | S.A |
| ..2 | M0174 | BN44-00150A | IP BOARD;SIP52,52" MOSEL,31mA,85mA,150Hz | 1 | S.A |
| ..2 | M0114 | BN61-02500A | HOLDER-WIRE;NYLON6.6,NATURAL | 3 | S.N.A |
| ..2 | | BN61-03007A | HOLDER-WALL;TULIP46,ABS V0 | 2 | S.N.A |
| ...3 | INSERT | BN61-02932A | BRACKET-STOPPER NUT;SUM24L | 2 | S.N.A |
| ..2 | | BN63-03146A | SHIELD-SMPS;TULIP46,SECC,T0.5 | 1 | S.N.A |
| ..2 | T0275 | BN96-04938A | ASSY MISC P-INLET;LNT4661FX/XAA,250/250M | 1 | S.N.A |
| ..2 | M2893 | BP39-00177B | LEAD CONNECTOR;RE40**,UL1007#26,5P,150mm | 1 | S.A |
| ..2 | M2893 | BN39-00802D | LEAD CONNECTOR;HPT4264H,UL1617#22,32P/24 | 1 | S.A |
| ..2 | M0131 | BN63-03009A | GASKET;LN52M71BD,Conductive Fabric,27mm, | 1 | S.N.A |
| ..2 | M0020 | BN96-05039H | ASSY BOARD P-SIDE HDMI A/V;LNT5265FX/XAA | 1 | S.N.A |
| ...3 | | BN61-03041A | HOLDER-SIDE AV;52M81,UO,PC+ABS,V0,-,-,-, | 1 | S.N.A |
| ...3 | M0020 | BN96-04922B | ASSY BOARD P-SIDE A/V;SPD-63P71FHD,CT500 | 1 | S.N.A |
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S | 2 | S.N.A |
| ..2 | T0212 | BN61-03258A | BRACKET-PANEL;52N8,SECC,T1.2 | 2 | S.N.A |
| ..2 | T0447 | BN96-04645A | ASSY BRACKET P-PANEL;TULIP SIDE,52,-,-,- | 1 | S.N.A |
| ...3 | M0131 | BN63-03480A | GASKET;LNT4642HX/XAA,Polyurethane Foam,1 | 1 | S.N.A |
| ...3 | M0131 | BN63-03481A | GASKET;LNT4642HX/XAA,Polyurethane Foam,1 | 1 | S.N.A |
| ...3 | M0131 | BN63-03520A | GASKET;Tulip,Conductive Fabric,10,18,300 | 2 | S.N.A |
| ...3 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |
| ...3 | M0081 | 6003-000337 | SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR | 1 | S.A |

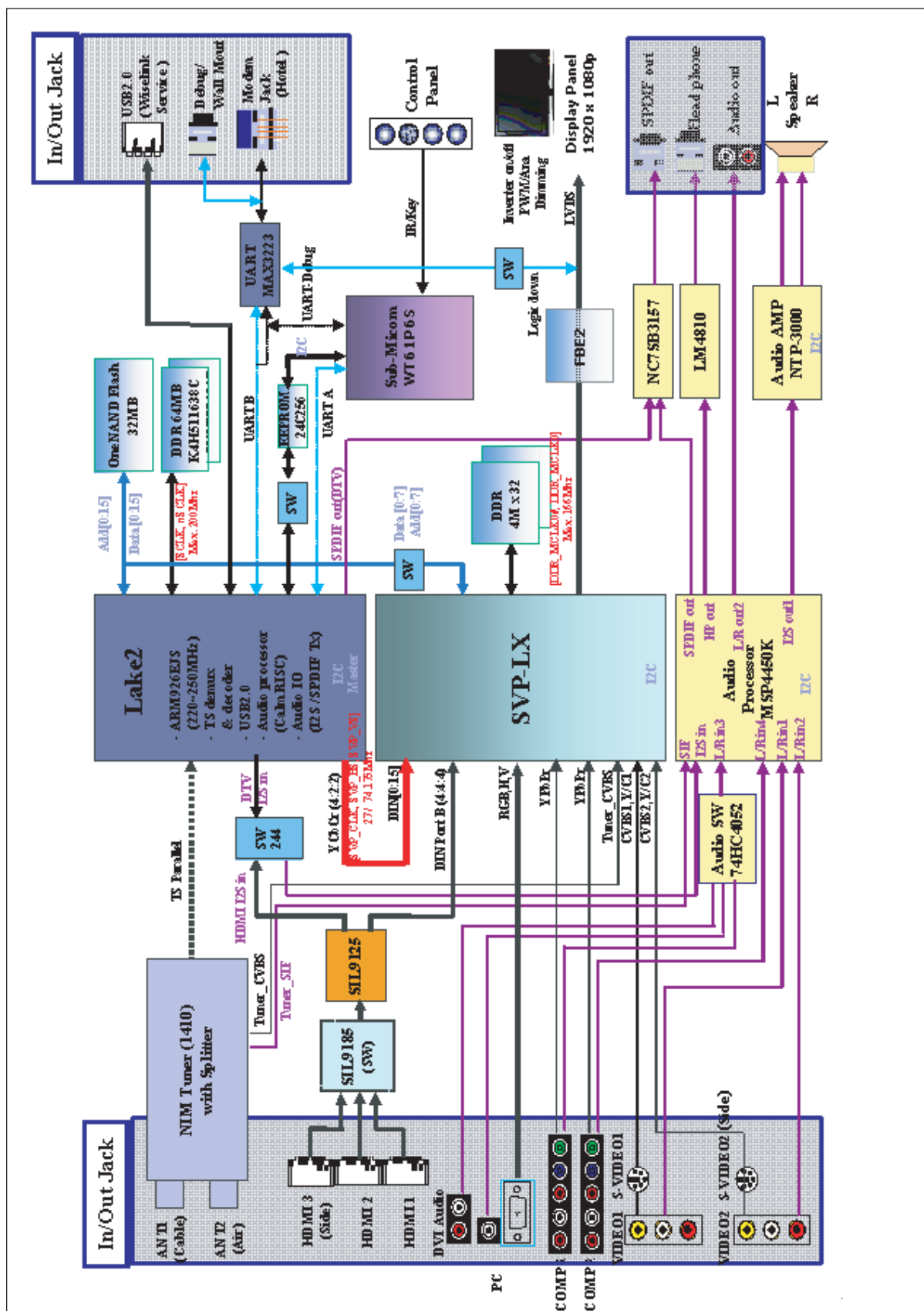
6 Electrical Parts List

| Level | Loc. No. | Code No. | Description & Specification | Q'ty | SA/SNA |
|-------|-----------|-------------|--|-------|--------|
| ...3 | M0081 | 6003-001188 | SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S | 4 | S.N.A |
| ...3 | T0081 | BN61-03010A | BRACKET-MAIN;TULIP46,SECC,T1.2,BRACKETLE | 1 | S.N.A |
| ...3 | | BN61-03011A | BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,RI | 2 | S.N.A |
| ...3 | | BN61-03012A | BRACKET-GUIDE POWER;TULIP46,SECC,T1.2,LE | 1 | S.N.A |
| ...3 | | BN61-03057A | BRACKET-PANEL BOTTOM;TULIP52,SECC,T1.2 | 1 | S.N.A |
| ...3 | M0115 | BN61-03109A | BRACKET-STAND LINK;TULIP-SIDE 46,SECC,T1 | 1 | S.N.A |
| ..2 | M2893 | BN39-00882A | LEAD CONNECTOR-LVDS;LNT4061F,UL1571#30,5 | 1 | S.A |
| ..2 | M0596 | BN96-05164A | ASSY MISC P-FLAT CABLE;HPT5064X/XAA,450M | 1 | S.A |
| ..2 | T0562 | 6046-001013 | STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40 | 2 | S.N.A |
| ..2 | T0175 | BN96-05912A | ASSY SHIELD P-PCB MAIN;TULIP,46,52UO,SEC | 1 | S.N.A |
| ...3 | T0603 | BN63-03680A | SHIELD-PCB MAIN;46 TULIP,SECC,T0.5,FHD | 1 | S.N.A |
| ...3 | M0131 | BN63-03813A | GASKET;Tulip,Conductive Fabric,10,3,190, | 1 | S.N.A |
| ...3 | M0131 | BN63-03814A | GASKET;Tulip,Conductive Fabric,10,5,180, | 1 | S.N.A |
| 0.1 | M0045 | BN92-02417C | ASSY ACCESSORY;LNT5265HX/XAA | 1 | S.N.A |
| ..2 | M0045 | BN96-04838B | ASSY ACCESSORY;LNT4061FX/XAA | 1 | S.A |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A |
| ...3 | ACCESSORY | AA68-00371C | MARK RECYCLE-CARD WARRANTY,06;SEA,W/P10 | 1 | S.N.A |
| ...3 | M0156 | BN68-01178A | MANUAL USERS-01;COMM,SAMSUNG,ENG/SPA,N.A | 1 | S.N.A |
| ...3 | ACCESSORY | BN68-01179A | MANUAL FLYER-QSG;COMM,SAMSUNG,English,N. | 1 | S.N.A |
| ...3 | T0238 | AA68-03870C | MANUAL FLYER-REGISTRATION CARD;comm,Sams | 1 | S.N.A |
| ...3 | T0238 | AA68-03870D | MANUAL FLYER-REGISTRATION CARD;comm,Sams | 1 | S.N.A |
| ...3 | T0511 | AA68-03242L | MANUAL FLYER-SAFETY GUIDE;comm,Samsung,E | 1 | S.N.A |
| ..2 | M0045 | BN96-04838D | ASSY ACCESSORY;LNT5265FX/XAA | 1 | S.A |
| ...3 | T0268 | 3903-000144 | CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA) | 1 | S.A |
| ...3 | T0524 | 6902-000110 | BAG PE;LDPE,T0.05,W250,L400,TRP,28,2 | 1 | S.N.A |
| ...3 | T0074 | BN59-00599A | REMOCON;Bordeaux plus,TM87C,SAMSUNG28P+E | 1 | S.A |
| ...3 | ACCESSORY | BN63-01798A | CLOTH-CLEAN;RE40**CLOTH,180,200,RHCM | 1 | S.N.A |
| ...3 | T0531 | BN63-03308A | COVER-BOTTOM;46,52N81,HIPS,-,-,V0,-,BK | 1 | S.A |
| 0.1 | M0113 | BN92-02509A | ASSY P/MATERIAL;TULIP SIDE 52 | 1 | S.N.A |
| ..2 | T0376 | 6902-000001 | BAG AIR;LDPE,T0.2,L1800,W1000,TRP,,,LDPE | 0.023 | S.N.A |
| ..2 | T0376 | 6902-000061 | BAG AIR;LDPE,T0.2,L1000,W500,TRP,,, | 0.081 | S.N.A |
| ..2 | T0524 | 6902-000426 | BAG PE;HDPE/NITRON,T0.015/T0.5,W1600,L14 | 1 | S.N.A |
| ..2 | T0214 | AA61-20285A | HOLDER-BOX;CTV,PP,NTR,HB | 2 | S.N.A |
| ..2 | T0172 | AA69-02609A | BAND-PP;-;PP;-;W18;-;CLEA,1G;-;- | 5.7 | S.N.A |
| ..2 | CCM1 | BN63-03540A | COVER-SHEET;Tulip,PET,T0.06,W50mm,200M,3 | 2 | S.N.A |
| 0.1 | M0019 | BN92-02416G | ASSY LABEL;LNT5265FX/XAA | 1 | S.N.A |
| 0.1 | M0003 | BN92-02506D | ASSY BOX;LNT5265FX/XAA | 1 | S.N.A |
| ..2 | M0521 | BN69-01809A | BOX-SET,IN;52N8,CB,C-01,DY-01,AB,W1821,D | 1.02 | S.N.A |
| ..2 | | BN69-01810A | BOX-SET,OUT;52N8,CB,C-03,DY-01,AB,W1430, | 1.02 | S.N.A |

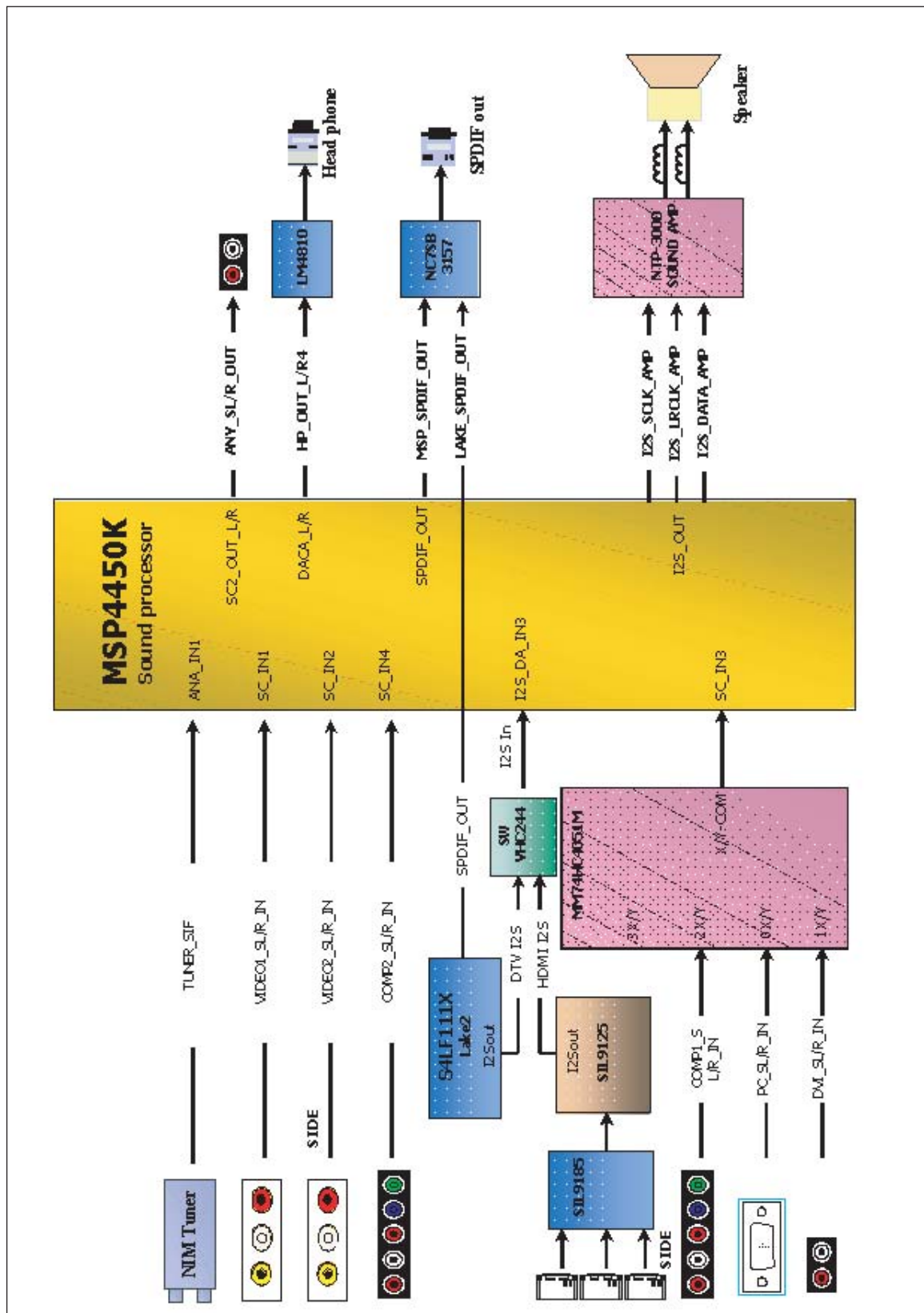
7 Block Diagram

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7-1 Block Diagram



7-2 Audio Block Diagram



8 Wiring Diagram

CN081(to Panel)

| | | | |
|----|--------|----|--------|
| 1 | 12V | 2 | 12V |
| 3 | 12V | 4 | 12V |
| 5 | 12V | 6 | GND |
| 7 | GND | 8 | GND |
| 9 | GND | 10 | GND |
| 11 | TXOB3+ | 12 | TXOB3- |
| 13 | TXOBC+ | 14 | TXOBC- |
| 15 | TXOB2+ | 16 | TXOB2- |
| 17 | TXOB1+ | 18 | TXOB1- |
| 19 | TXOB0+ | 20 | TXOB0- |
| 21 | TXOA3+ | 22 | TXOA3- |
| 23 | TXOAC+ | 24 | TXOAC- |
| 25 | TXOA2+ | 26 | TXOA2- |
| 27 | TXOA1+ | 28 | TXOA1- |
| 29 | TXOA0+ | 30 | TXOA0- |

CN082(to Power Board)

| | |
|---|---------|
| 1 | BKLT_EN |
| 2 | ANA_DIM |
| 3 | PWM_DIM |
| 4 | GND |
| 5 | NC |

CN188(to Power Board)

| | | | |
|----|----------|----|---------|
| 1 | SW_POWER | 2 | GND |
| 3 | GND | 4 | GND |
| 5 | GND | 6 | STD_VCC |
| 7 | STD_VCC | 8 | STD_VCC |
| 9 | STD_VCC | 10 | STD_VCC |
| 11 | GND | 12 | GND |
| 13 | 18V | 14 | 18V |
| 15 | GND | 16 | GND |
| 17 | GND | 18 | GND |
| 19 | 5V | 20 | 5V |
| 21 | 5V | 22 | 5V |
| 23 | GND | 24 | GND |
| 25 | GND | 26 | GND |
| 27 | 12V | 28 | 12V |
| 29 | 12V | 30 | 12V |
| 31 | GND | 32 | GND |

CN176
(to DVI Sound)

| | |
|---|-------|
| 1 | GND |
| 2 | DVI-R |
| 3 | DVI-L |
| 4 | GND |
| 5 | DVI-L |
| 6 | DVI-R |

CN174
(to Component1)

| | |
|---|---------|
| 1 | GND |
| 2 | COMP1-R |
| 3 | COMP1-L |
| 4 | GND |
| 5 | COMP2-L |
| 6 | COMP1-L |

CN175
(to Component2)

| | |
|---|---------|
| 1 | GND |
| 2 | COMP2-R |
| 3 | COMP2-L |
| 4 | GND |
| 5 | COMP2-L |
| 6 | COMP2-L |

CN172
(to Component2)

| | |
|---|-----------|
| 1 | GND |
| 2 | COMP2-DET |
| 3 | COMP2-Y |
| 4 | GND |
| 5 | COMP2-Pb |
| 6 | COMP2-Pb |
| 7 | GND |
| 8 | COMP2-Pr |
| 9 | COMP2-Pr |

CN173
(to Component1)

| | |
|---|-----------|
| 1 | GND |
| 2 | COMP1-DET |
| 3 | COMP1-Y |
| 4 | GND |
| 5 | COMP1-Pb |
| 6 | COMP1-Pb |
| 7 | GND |
| 8 | COMP1-Pr |
| 9 | COMP1-Pr |

CN091
(to HDMI1)

| | |
|----|-----------|
| 1 | HDMI_RX2+ |
| 2 | GND |
| 3 | HDMI_RX2- |
| 4 | HDMI_RX1+ |
| 5 | GND |
| 6 | HDMI_RX1- |
| 7 | HDMI_RX0+ |
| 8 | GND |
| 9 | HDMI_RX0- |
| 10 | HDMI_RXC+ |
| 11 | GND |
| 12 | HDMI_RXC- |
| 13 | CEC |
| 14 | NC |
| 15 | HDMI_SCL |
| 16 | HDMI_SDA |
| 17 | GND |
| 18 | 5V |
| 19 | HOTPLUG |
| 20 | GND |
| 21 | GND |

CN093
(to PC)

| | |
|----|-----------|
| 1 | RED |
| 2 | GREEN |
| 3 | BLUE |
| 4 | NC |
| 5 | GND |
| 6 | GND |
| 7 | GND |
| 8 | GND |
| 9 | 5V |
| 10 | PCJACK_ID |
| 11 | NC |
| 12 | SDA |
| 13 | H |
| 14 | V |
| 15 | SCL |

CN092
(to HDMI2)

| | |
|----|-----------|
| 1 | HDMI_RX2+ |
| 2 | GND |
| 3 | HDMI_RX2- |
| 4 | HDMI_RX1+ |
| 5 | GND |
| 6 | HDMI_RX1- |
| 7 | HDMI_RX0+ |
| 8 | GND |
| 9 | HDMI_RX0- |
| 10 | HDMI_RXC+ |
| 11 | GND |
| 12 | HDMI_RXC- |
| 13 | CEC |
| 14 | NC |
| 15 | HDMI_SCL |
| 16 | HDMI_SDA |
| 17 | GND |
| 18 | 5V |
| 19 | HOTPLUG |
| 20 | GND |
| 21 | GND |

CN178
(to PC Sound)

| | |
|---|------|
| 1 | GND |
| 2 | PC-R |
| 3 | PC-L |
| 4 | PC-L |
| 5 | PC-L |
| 6 | PC-R |
| 7 | PC-R |

CN162
(to Speaker)

| | |
|---|--------|
| 1 | SPK_L+ |
| 2 | SPK_L- |

CN172
(to Optical Jack)

| | |
|---|-------|
| 1 | SPDIF |
| 2 | 5V |
| 3 | GND |
| 4 | GND |
| 5 | GND |
| 6 | GND |
| 7 | GND |

CN163
(to Speaker)

| | |
|---|--------|
| 1 | SPK_R+ |
| 2 | NC |
| 3 | SPK_R- |

CN171
(to Video)

| | |
|---|--------|
| 1 | GND |
| 2 | V1-DET |
| 3 | V1 |
| 4 | GND |
| 5 | R1 |
| 6 | L1 |
| 7 | GND |
| 8 | L1 |
| 9 | R1 |

CN177
(to Monitor out)

| | |
|---|-------|
| 1 | GND |
| 2 | V-DET |
| 3 | VIDEO |
| 4 | GND |
| 5 | R |
| 6 | L |
| 7 | GND |
| 8 | L |
| 9 | R |

CN179
(to S-Video)

| | |
|---|-----|
| 1 | C |
| 2 | Y |
| 3 | NC |
| 4 | GND |
| 5 | DET |

CN095
(to Service Jack)

| | |
|---|-----|
| 1 | GND |
| 2 | RxD |
| 3 | TxD |
| 4 | TxD |
| 5 | TxD |
| 6 | RxD |
| 7 | RxD |

CN094

| | |
|---|-------|
| 1 | GND |
| 2 | USBAP |
| 3 | USBAN |
| 4 | 5V |

CN1711
(to Side AV)

| | |
|----|----------------|
| 1 | HP_R_OUT |
| 2 | HP_L_OUT |
| 3 | HP-DET |
| 4 | GND |
| 5 | V2-R |
| 6 | V2-L |
| 7 | GND |
| 8 | S2-DET(USB_5V) |
| 9 | S2-Y(USBAP) |
| 10 | S2-C(USBAN) |
| 11 | GND |
| 12 | V2-DET |
| 13 | V2 |
| 14 | GND |

CN189
(to Function/IR)

| | |
|----|------|
| 1 | GND |
| 2 | GND |
| 3 | 5V |
| 4 | NC |
| 5 | KEY1 |
| 6 | KEY2 |
| 7 | GND |
| 8 | NC |
| 9 | IR |
| 10 | NC |
| 11 | NC |
| 12 | LED |
| 13 | GND |
| 14 | SDA |
| 15 | SCL |

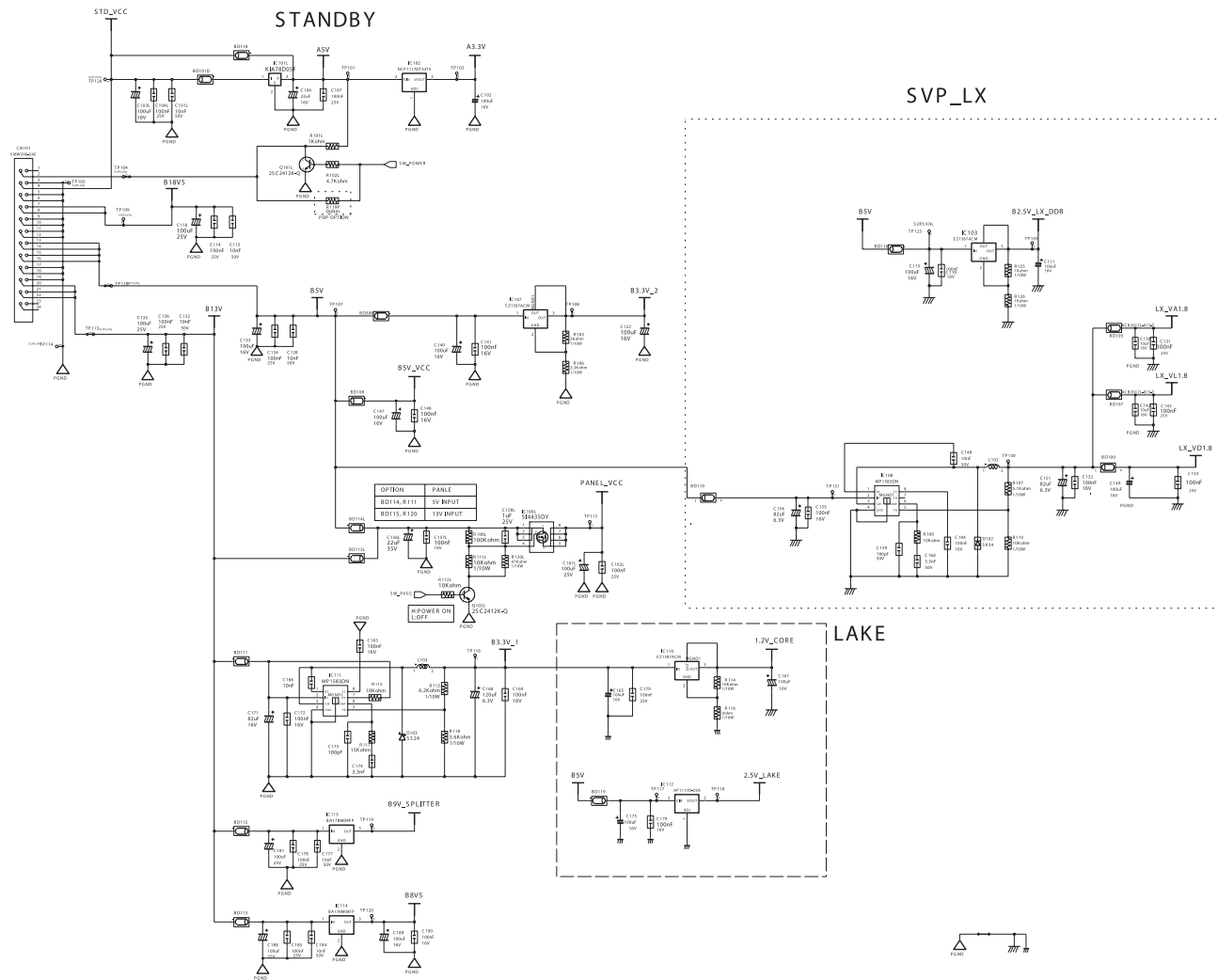
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9 Schematic Diagrams

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9-1 Main Board

9-1-1 MAIN POWER BLOCK Schematic Diagram

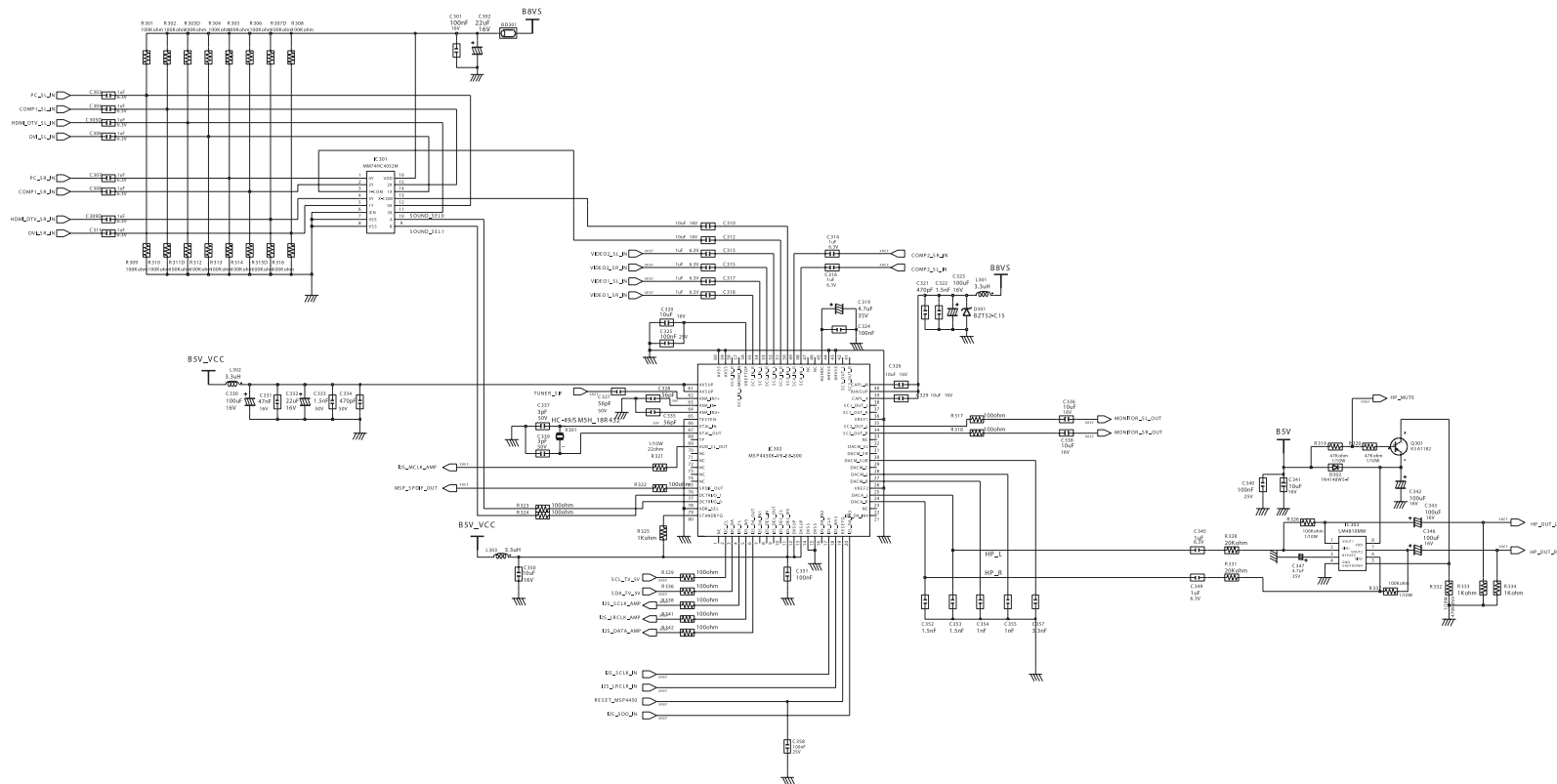


9-1-2 STANDBY MICOM (S3F866B) Schematic Diagram



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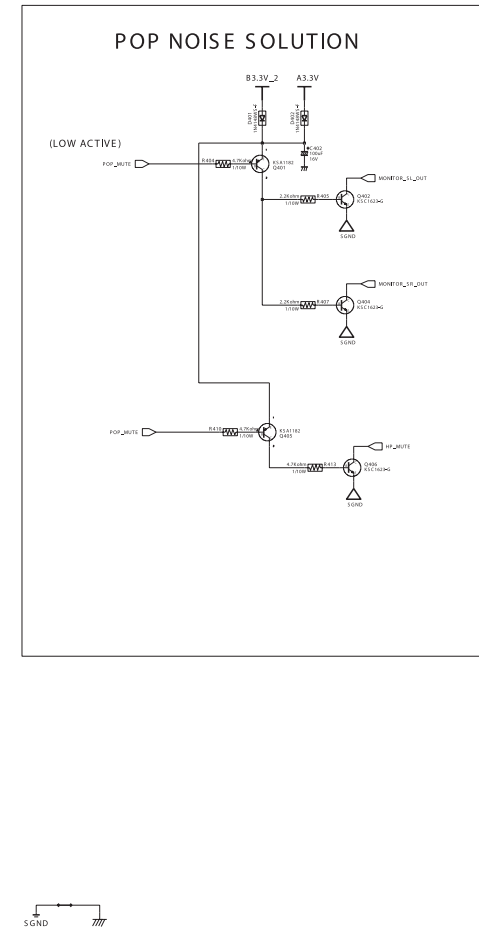
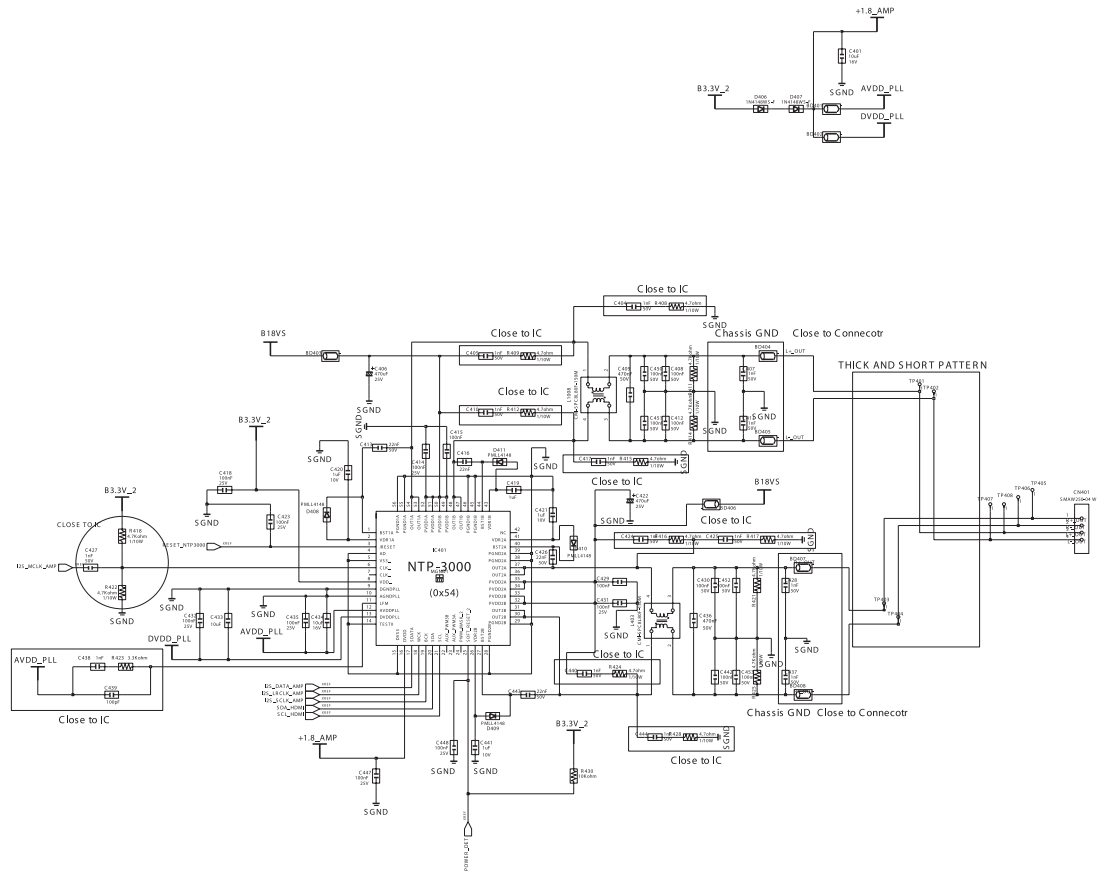
9-1-3 SOUND PROCESSOR (MSP4450) Schematic Diagram



9 Schematic Diagrams

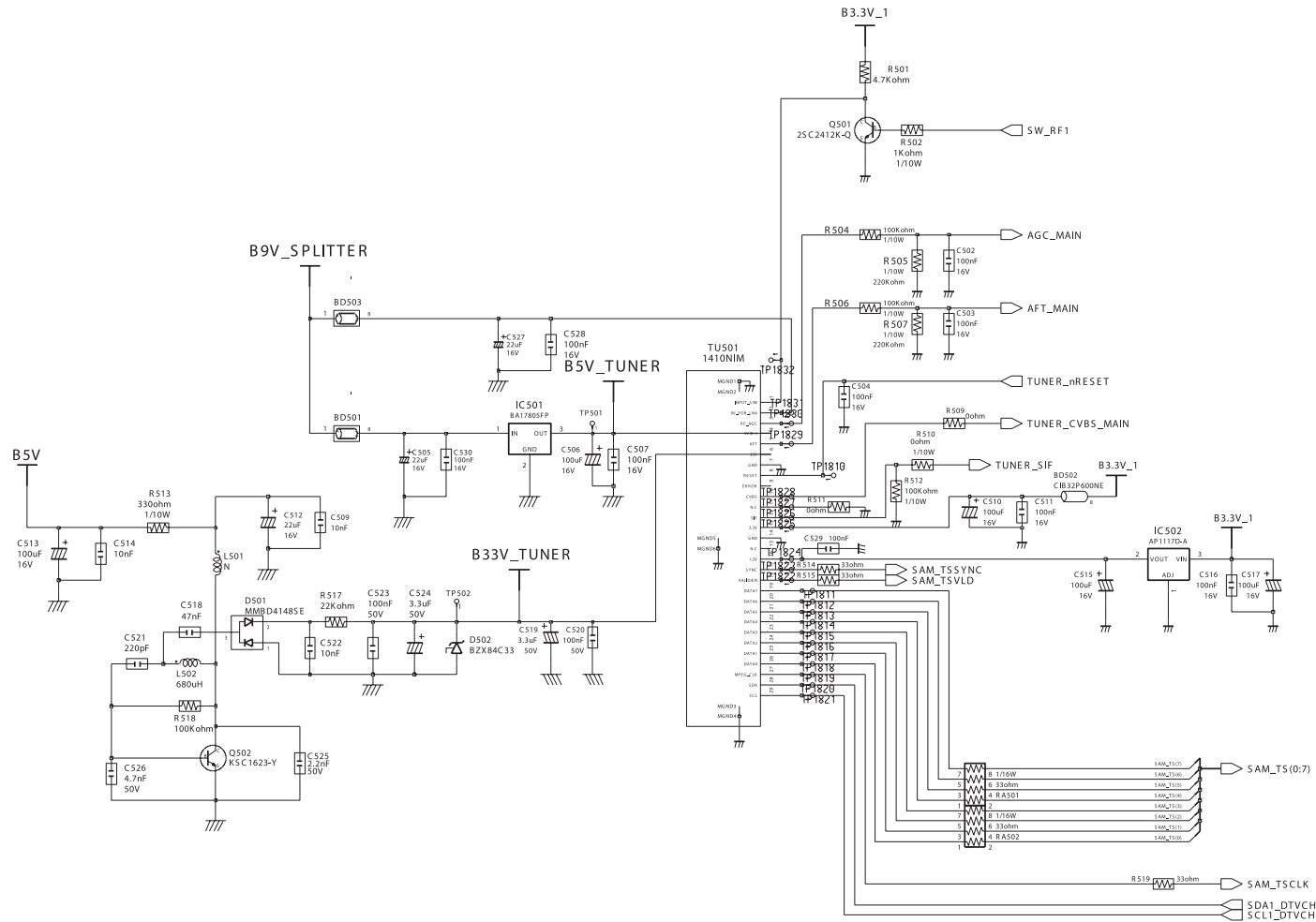
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9-1-4 SOUND AMP (NTP3000) & POP SOLUTION Schematic Diagram



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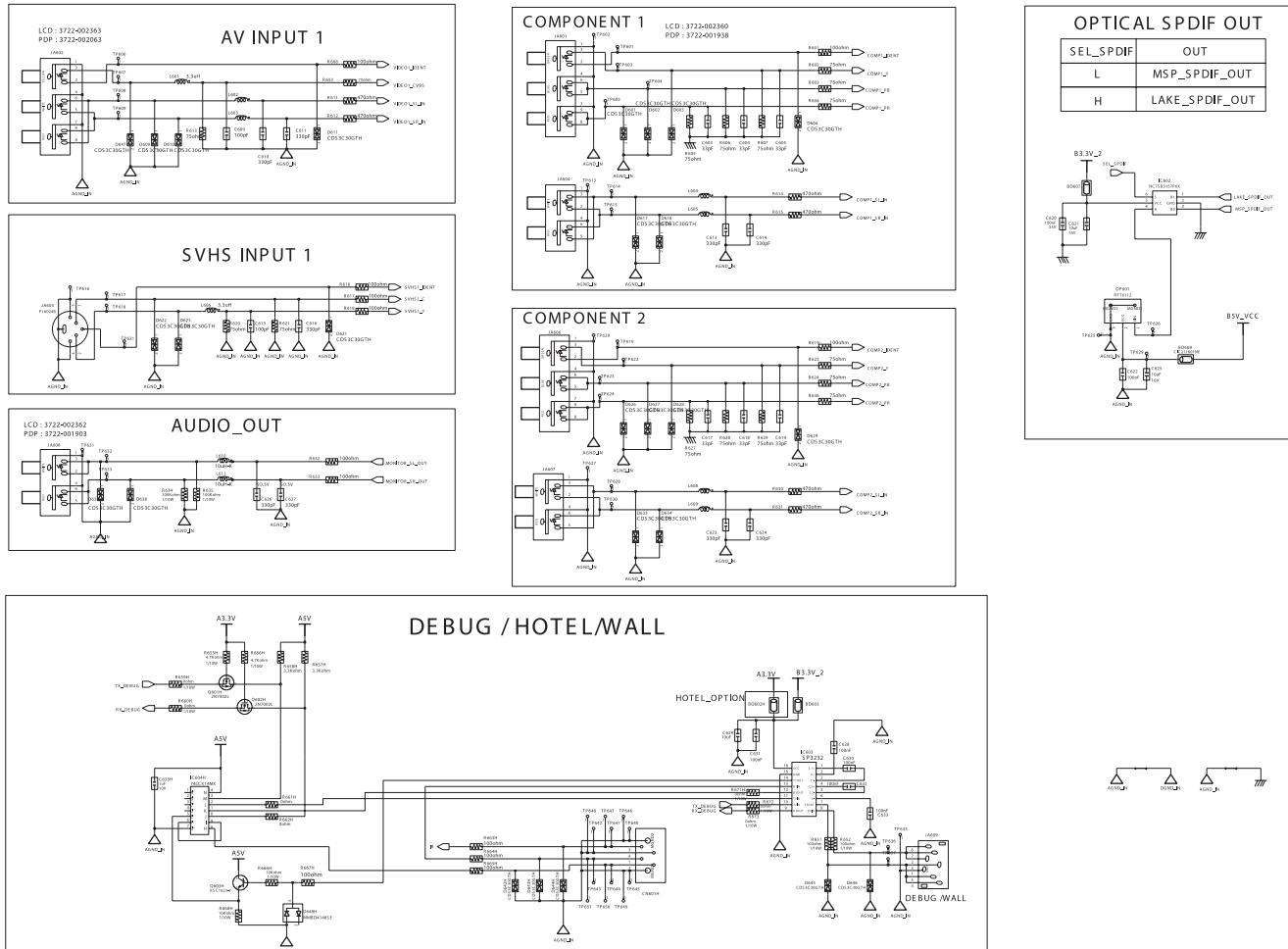
9-1-5 NIM TUNER 1410 Schematic Diagram



9 Schematic Diagrams

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9-1-6 NIM TUNER 1410 Schematic Diagram



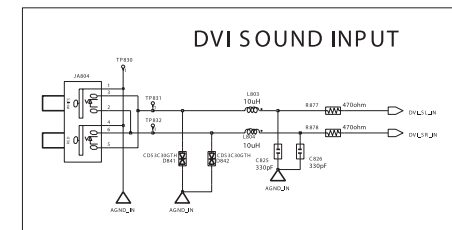
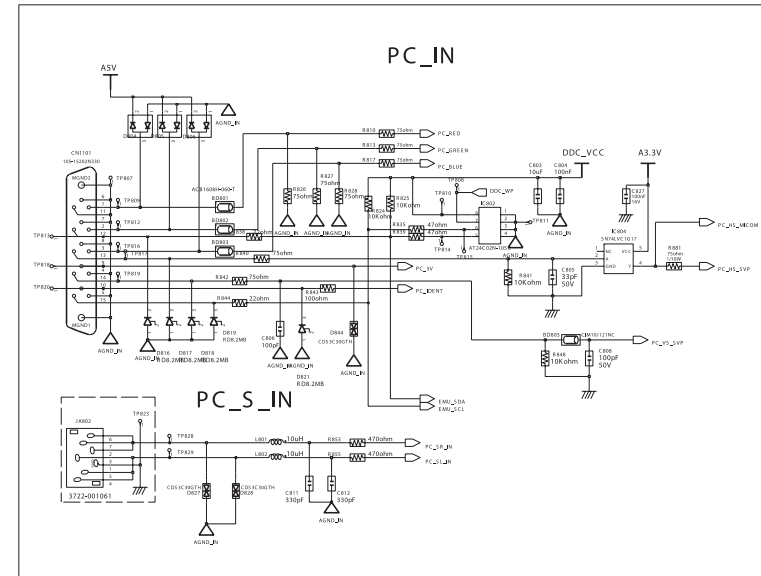
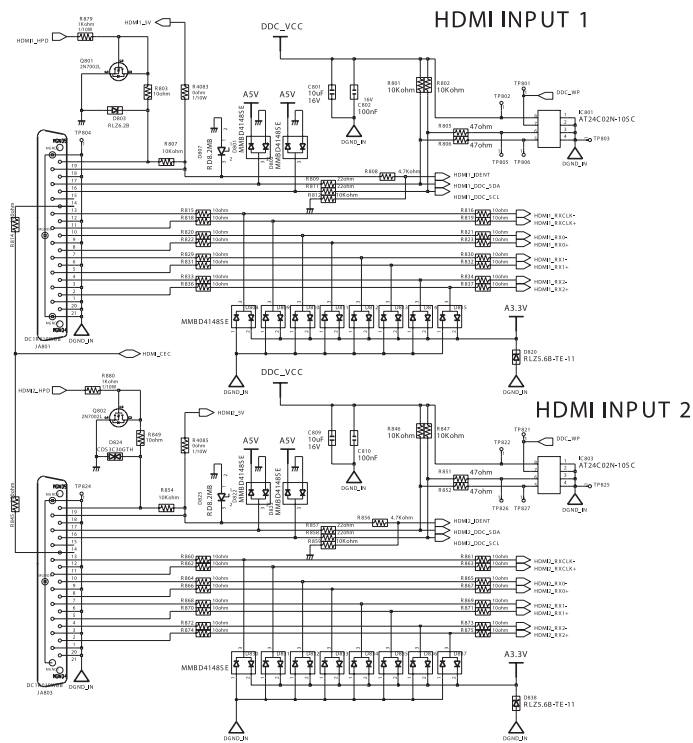
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9-1-7 SIDE AV IN / OUT Schematic Diagram

9 Schematic Diagrams

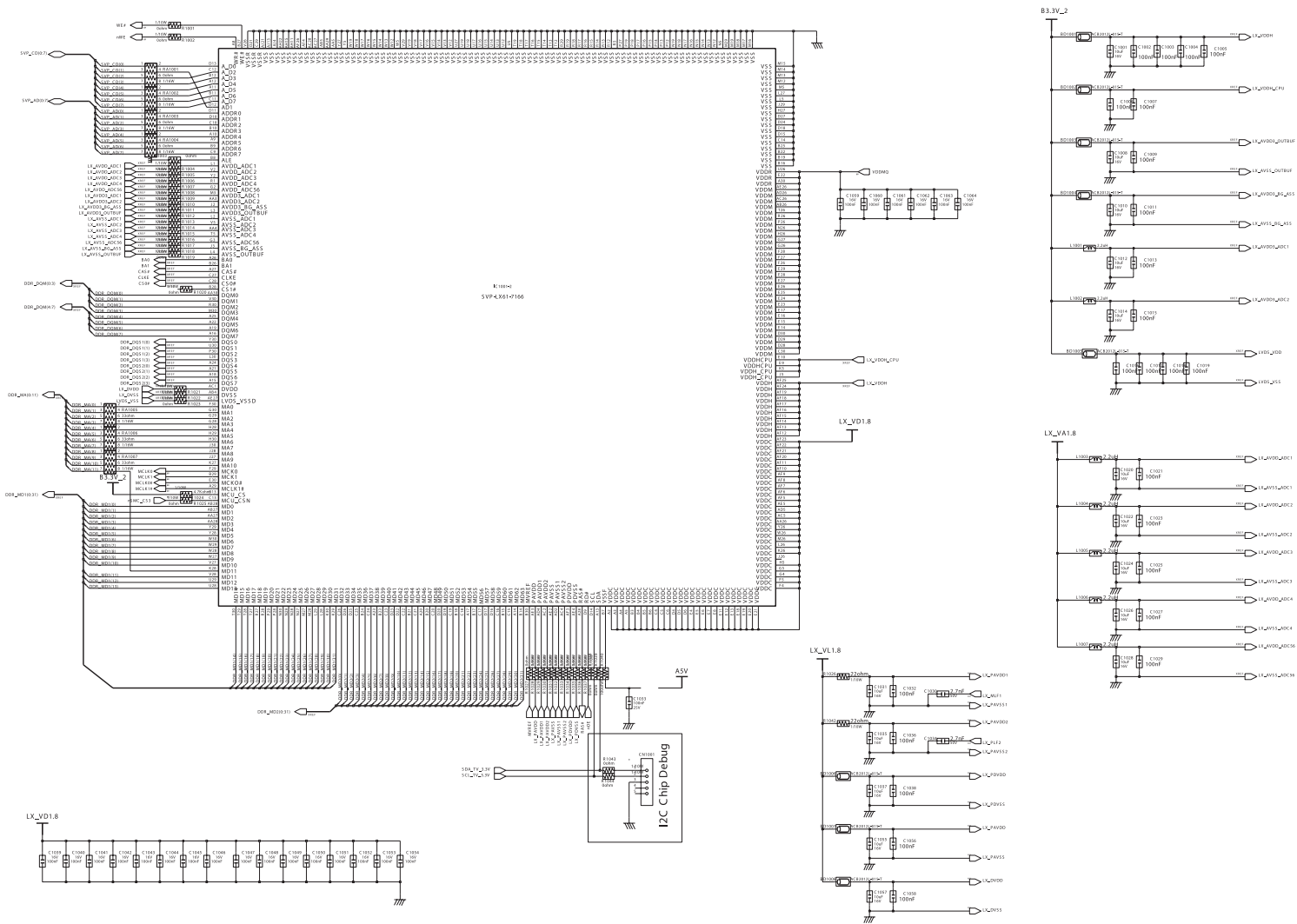
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9-1-8 HDMI SWITCH & PC & HDMI INPUT Schematic Diagram



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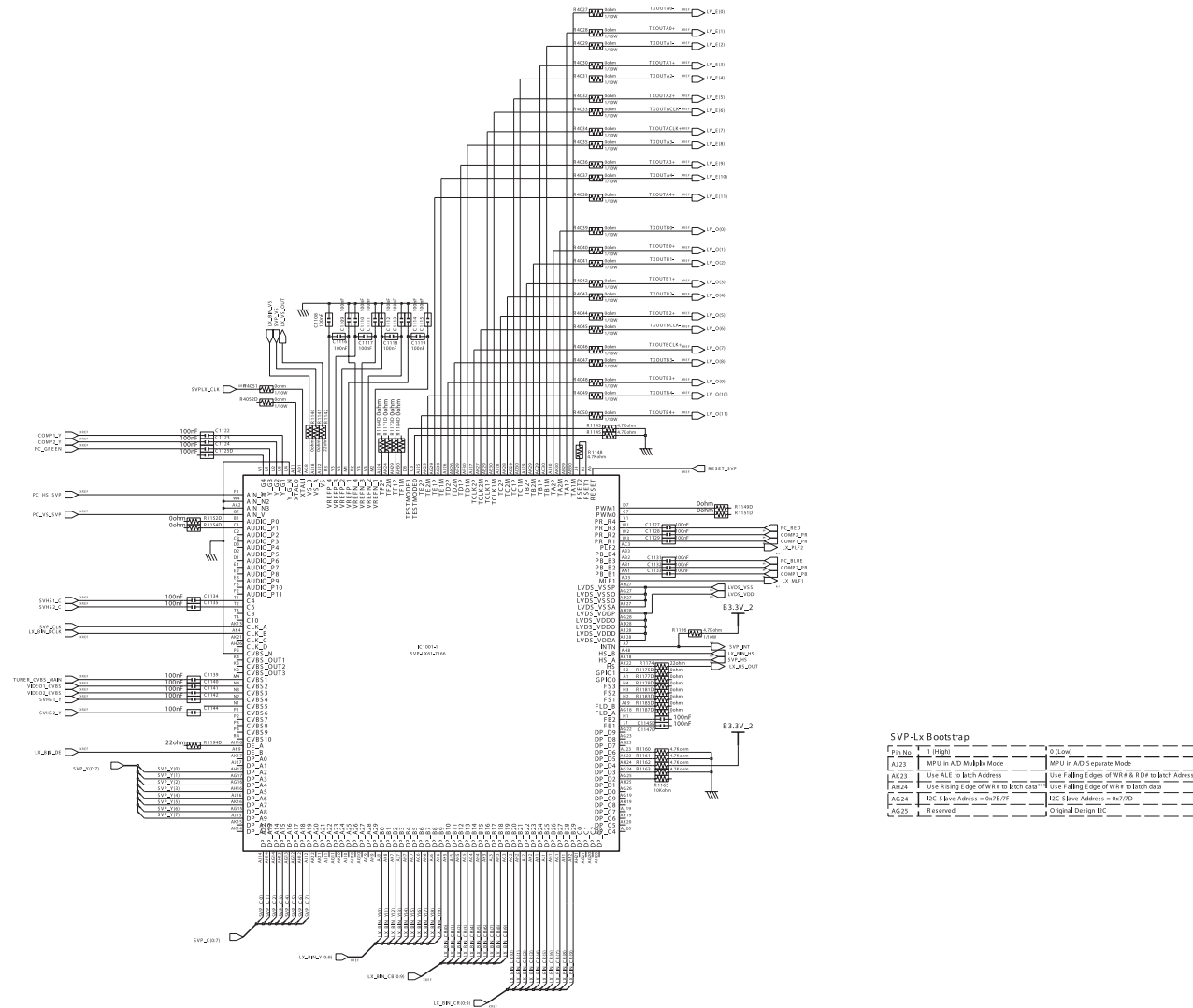
9-1-9 HDMI SWITCH & PC & HDMI INPUT Schematic Diagram



9 Schematic Diagrams

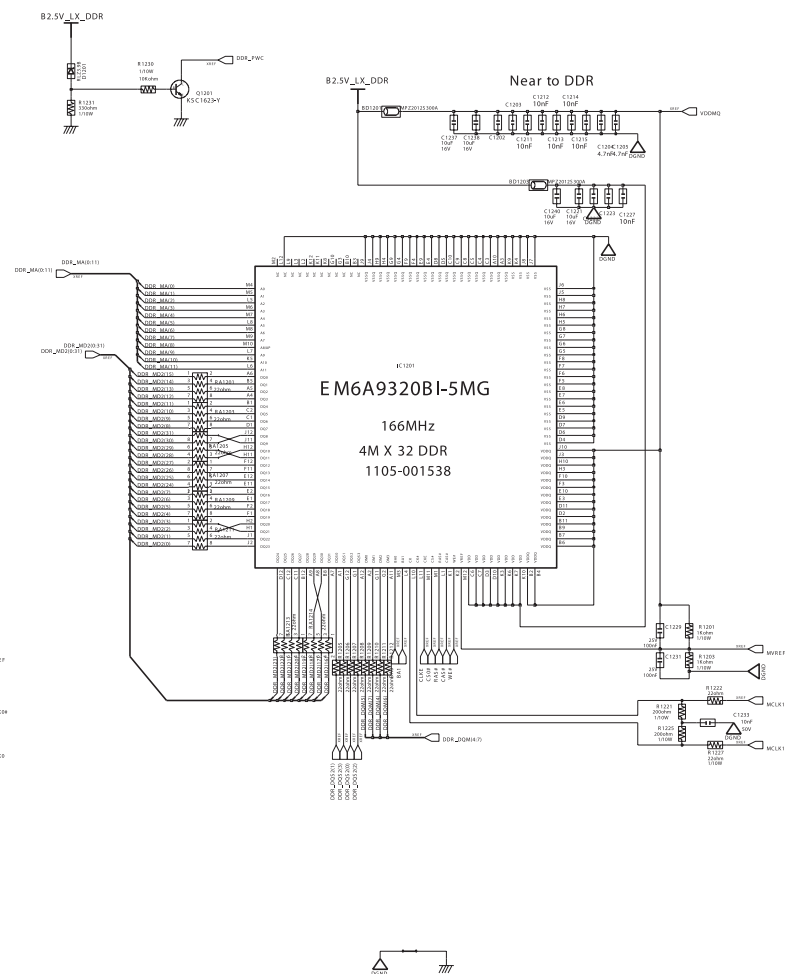
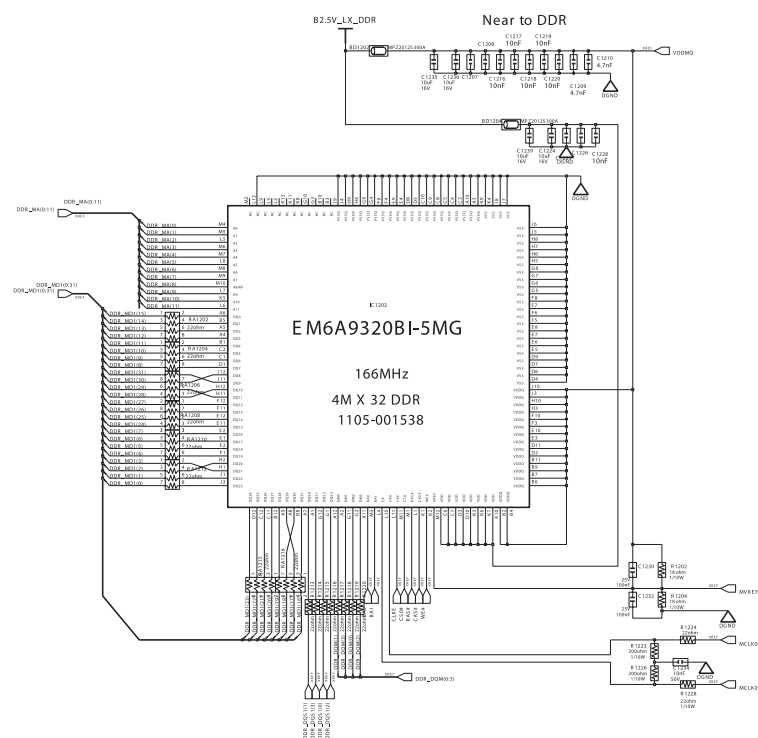
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9-1-10 LVDS & PWM CONTROL & PANEL I/F Schematic Diagram



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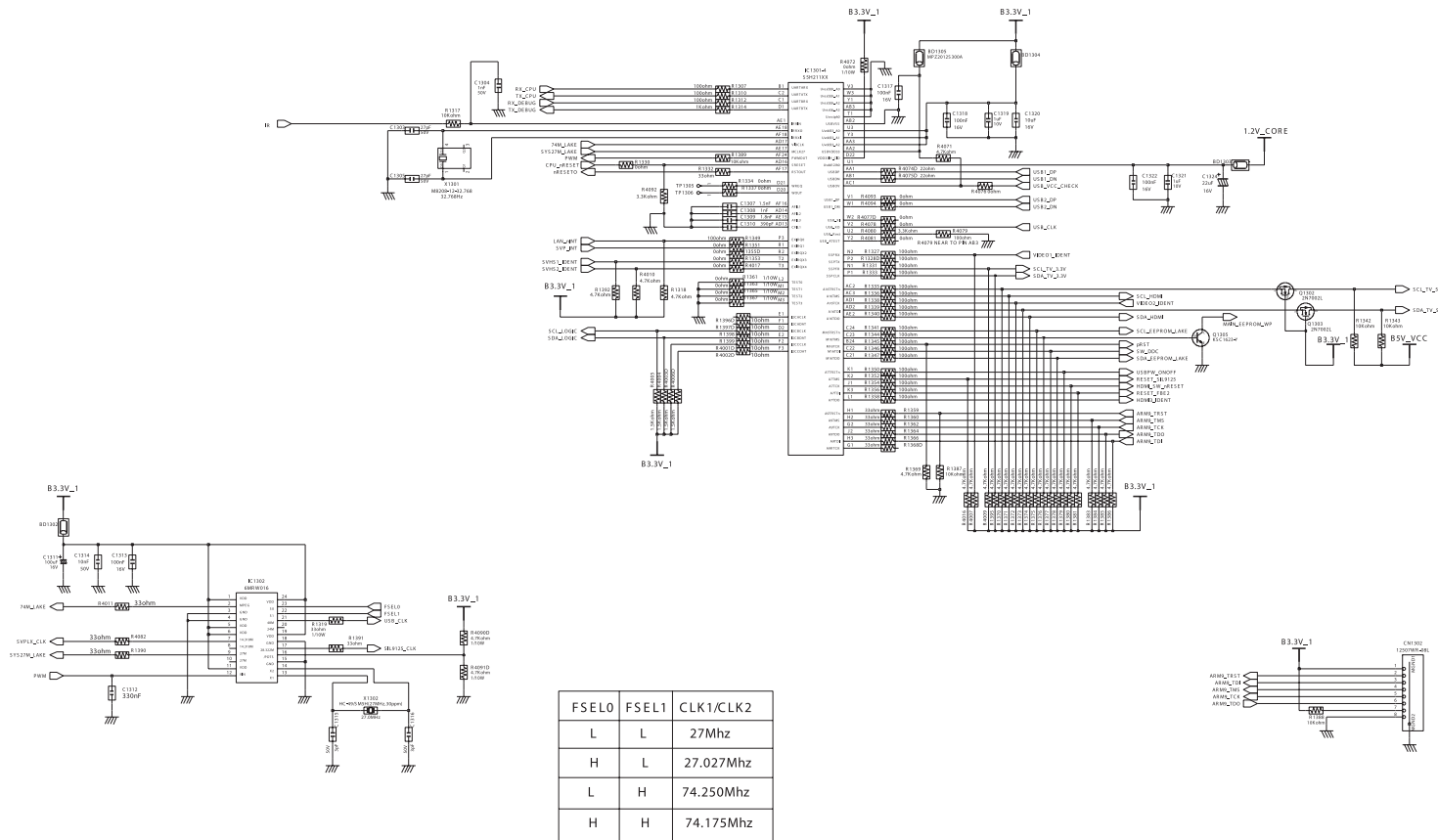
9-1-11 SVP-LX DDR MEMORY Schematic Diagram



9 Schematic Diagrams

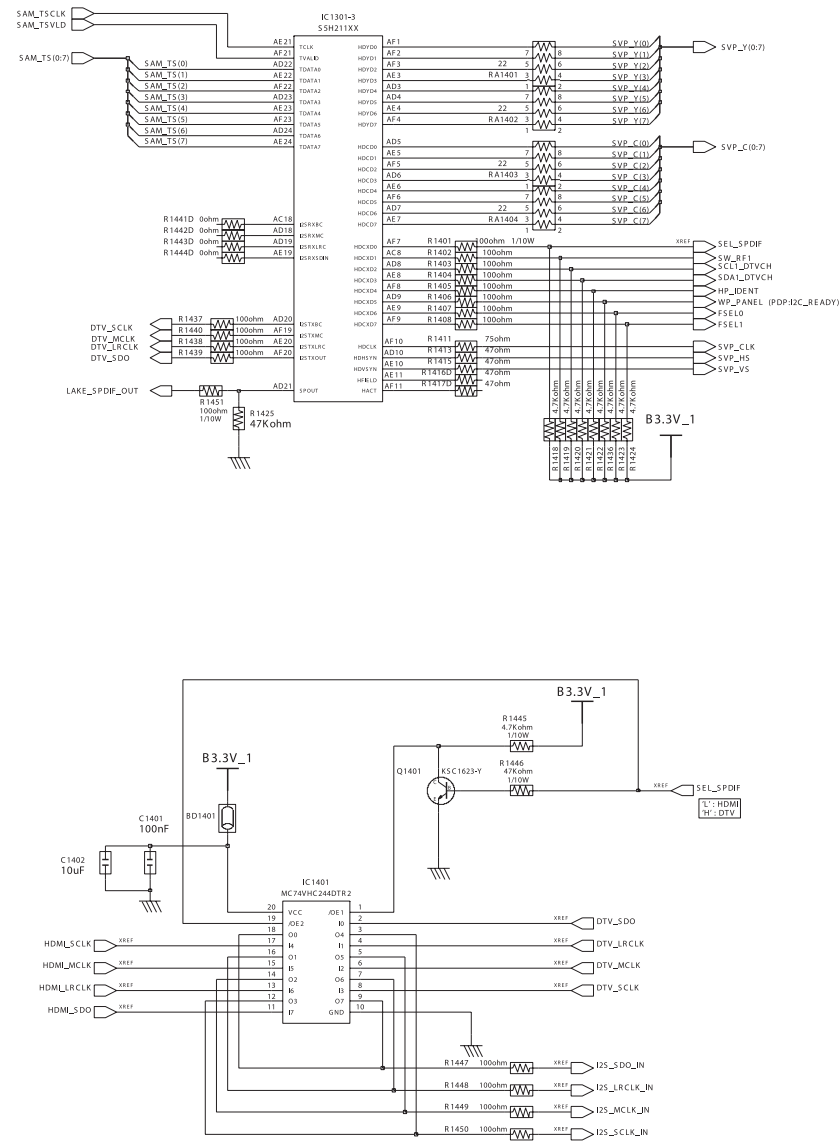
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9-1-12 LAKE (I2C & GPIO & USB & UART & INT) Schematic Diagram



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

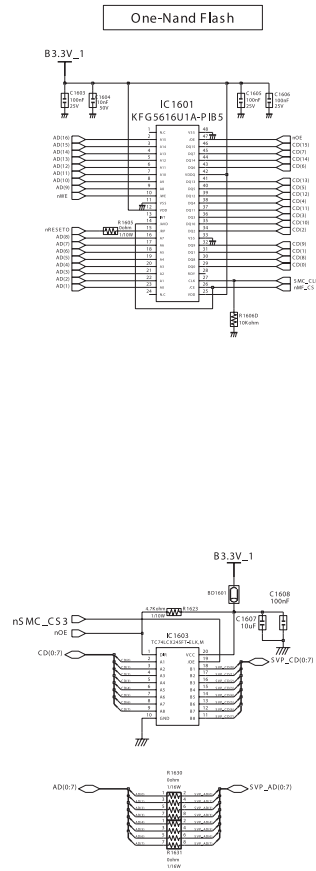
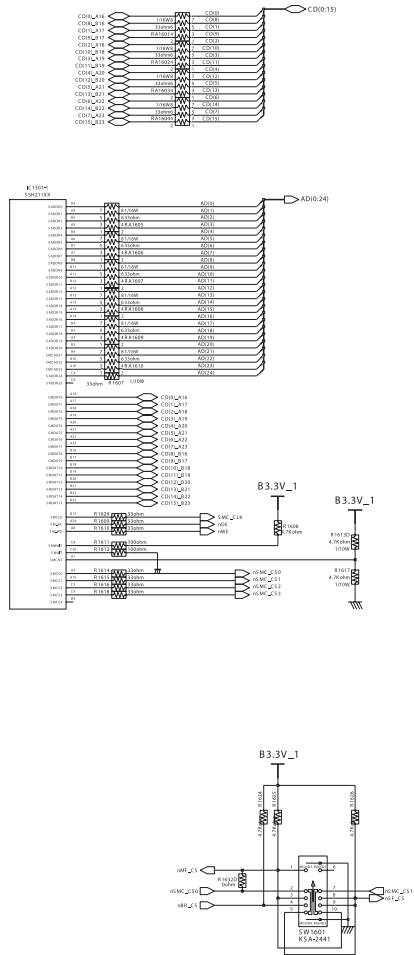


9-1-14 LAKE (DDR MEMORY) Schematic Diagram

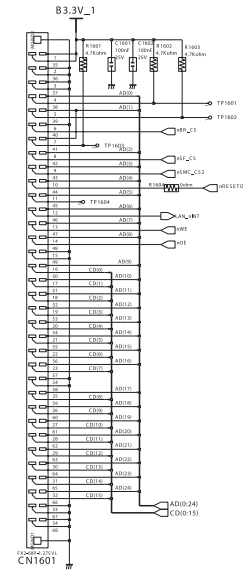


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9-1-15 LAKE (STATIC MEMORY & DEBUG) Schematic Diagram



Debug Board I/F

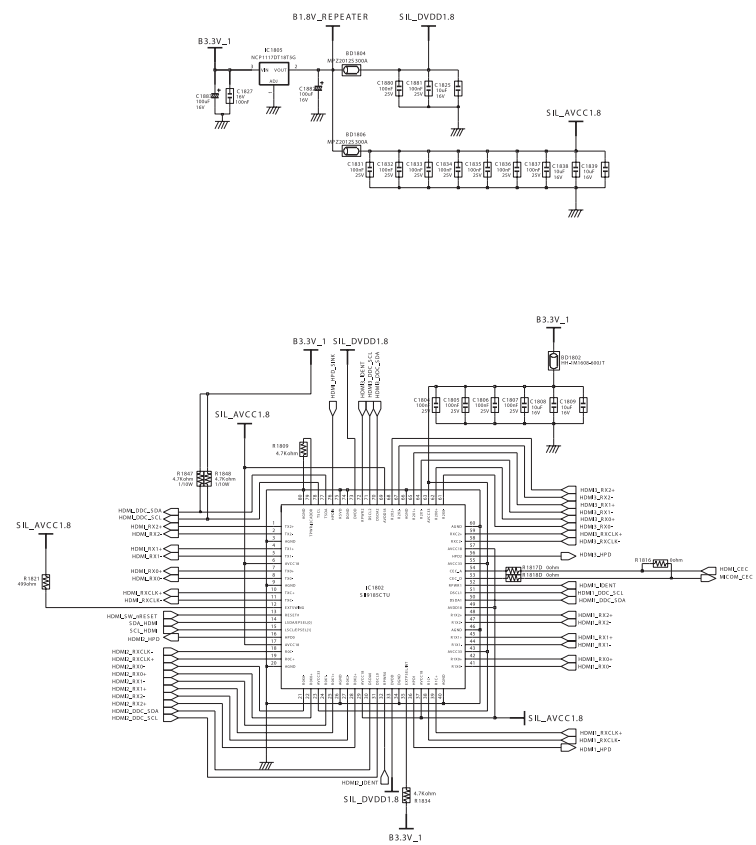


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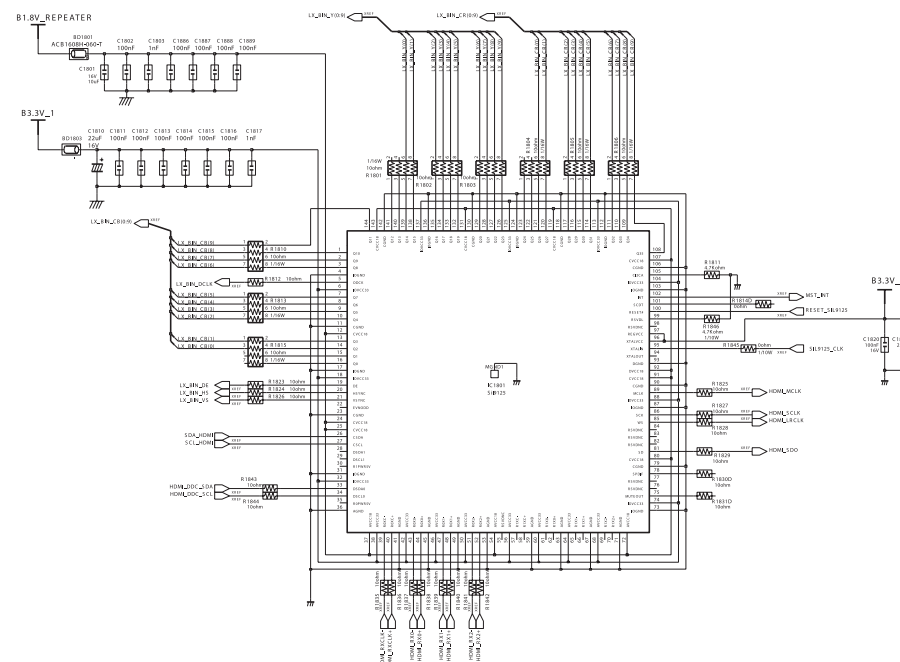
9-16

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



HDMI SWITCH



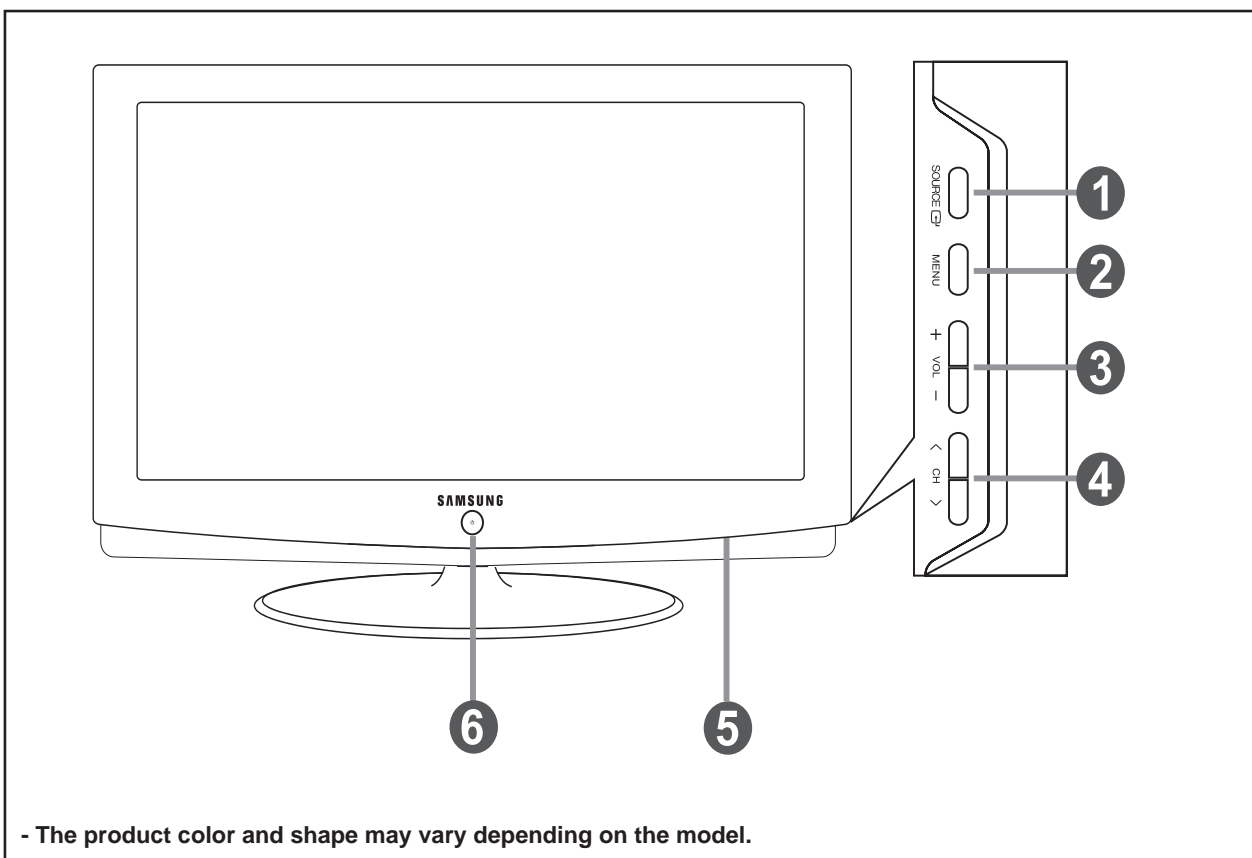
HDMI RECEIVER

9-1-18 FBE2(IMAGE_ENHANCER) Schematic Diagram



10 Operating Instructions and Installation

10-1 Front



1. SOURCE

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

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

2. MENU

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

3. + VOL -

Press to decrease or increase the volume.

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

4. < CH >

Press to change channels.

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

5. SPEAKERS

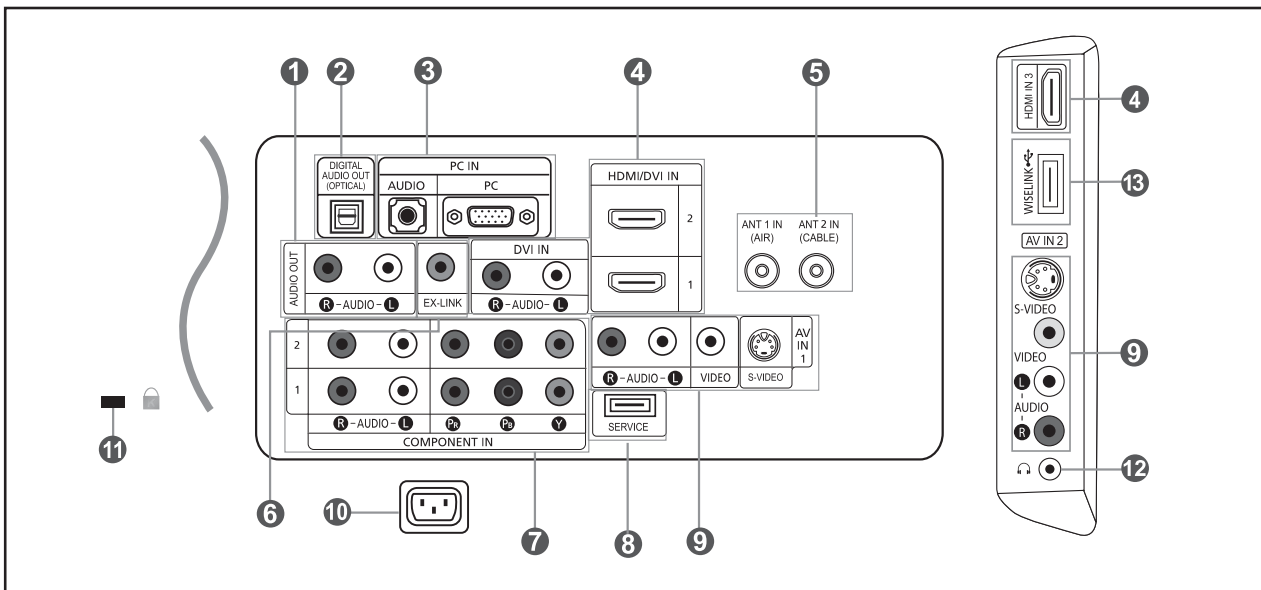
6. ⏻ (POWER)

Press to turn the TV on and off.

Remote Control Sensor

Aim the remote control towards this spot on the TV.

10-2 Viewing the Connection Panel



1. AUDIO OUT

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

2. DIGITAL AUDIO OUT (OPTICAL)

Connect to a Digital Audio component.

3. PC IN

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

4. HDMI/DVI IN 1/2/3, DVI IN

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

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

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

5. ANT 1 IN/ANT 2 IN

Connect to an antenna or cable TV system.

6. EX LINK

7. COMPONENT IN

Connect Component video/audio.

8. SERVICE

Connector for service only.

9. AV IN 1 / AV IN 2

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

S-VIDEO

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

10. POWER INPUT

Connect the supplied power cord.

11. KENSINGTON LOCK

The Kensington lock (optional) is a device used to physically fix the system when used in a public place. If you want to use a locking device, contact the dealer where you purchased the TV.

12. HEADPHONE

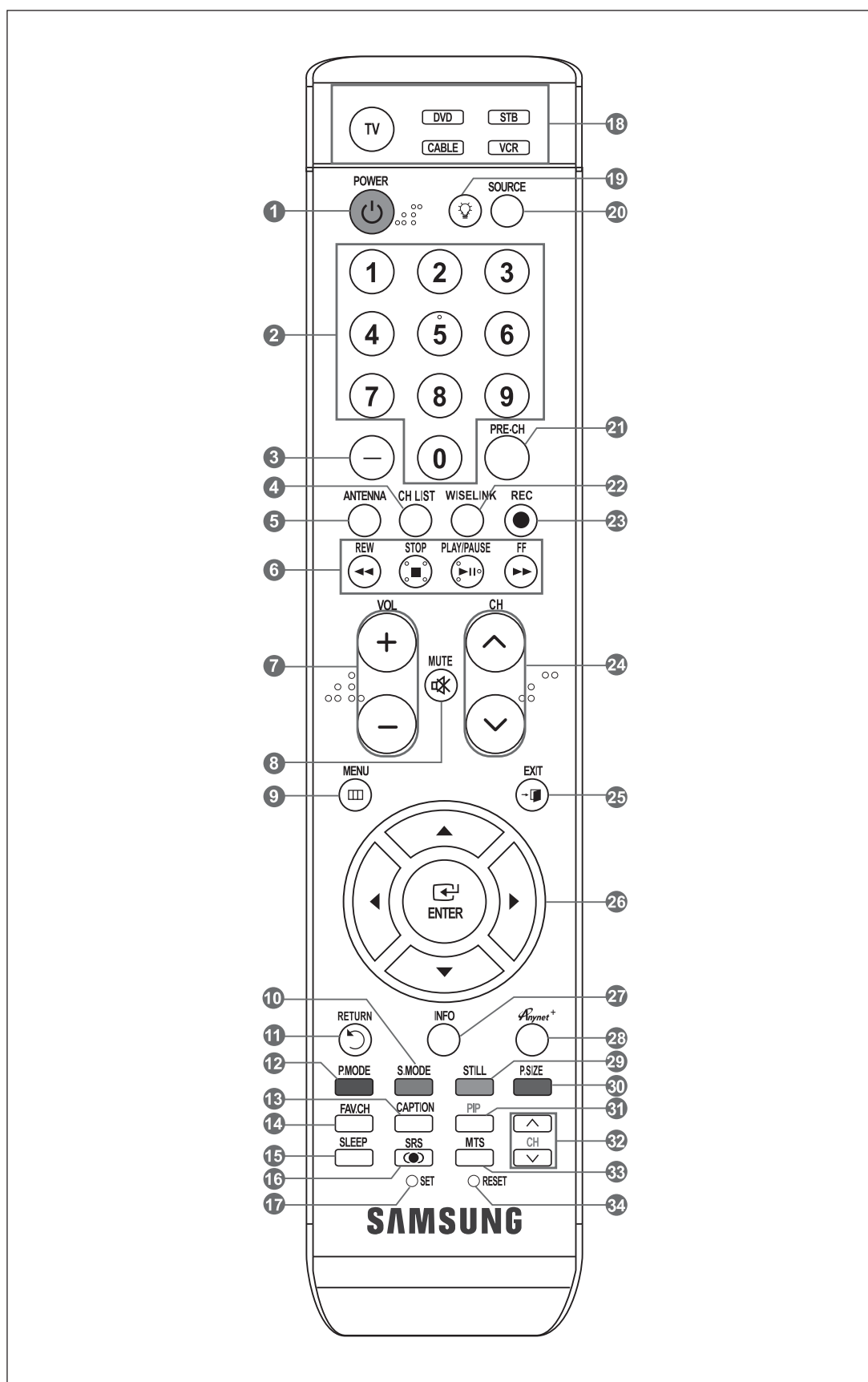
Connect a set of external headphones for private listening.

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

13. WISELINK

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

10-3 Remote Control



10 Operating Instructions and Installation

1. POWER

Turns the TV on and off.

2. NUMERIC BUTTONS

Press to change the channel.

3. _

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

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

4. CH LIST

Used to display Channel Lists on the screen.

5. ANTENNA

Press to select "AIR" or "CABLE".

6. VCR/DVD Functions

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

7. VOL / VOL

Press to increase or decrease the volume.

8. (MUTE)

Press to temporarily cut off the sound.

9. MENU

Displays the main on-screen menu.

10. S.MODE

Sound mode selection.

11. RETURN

Returns to the previous menu.

12. P.MODE

Press to select the picture mode.

13. CAPTION

Controls the caption decoder.

14. FAV.CH

Press to switch to your favorite channels.

15. SLEEP

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

16. SRS

Selects SRS TruSurround XT mode.

17. SET

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

18. TV, DVD, STB, CABLE, VCR

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

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

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

20. SOURCE

Press to display all of the available video sources.

21. PRE-CH

Tunes to the previous channel.

22. WISELINK

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

23. REC

Records for Live Broadcasting.

24. CH / CH

Press to change channels.

25. EXIT

Press to exit the menu.

26. UP / DOWN / LEFT / RIGHT / ENTER

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

27. INFO

Press to display information on the TV screen.

28. Anynet+

Runs the Anynet view functions and sets up Anynet devices.

29. STILL

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

30. P.SIZE

Picture size selection.

31. PIP

Picture-in Picture ON/OFF.

32. CH /

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

33. MTS

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

34. RESET

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




11 Disassembly and Reassembly

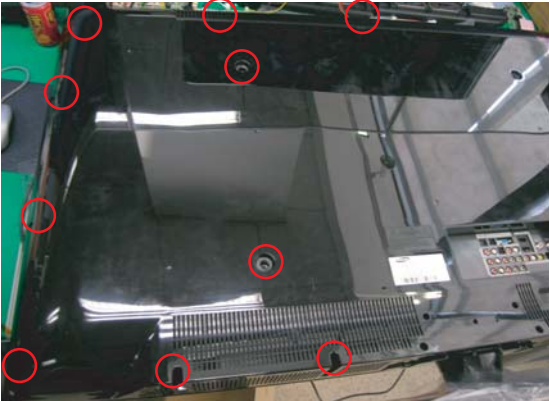

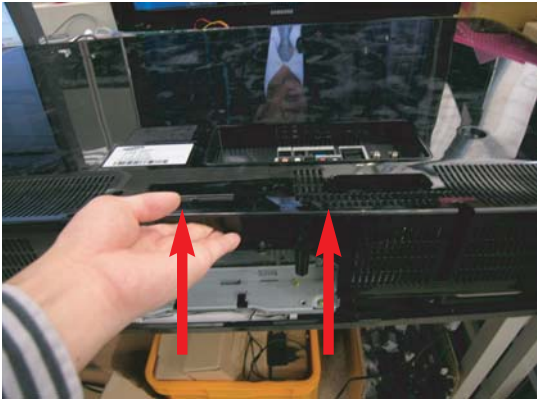

This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

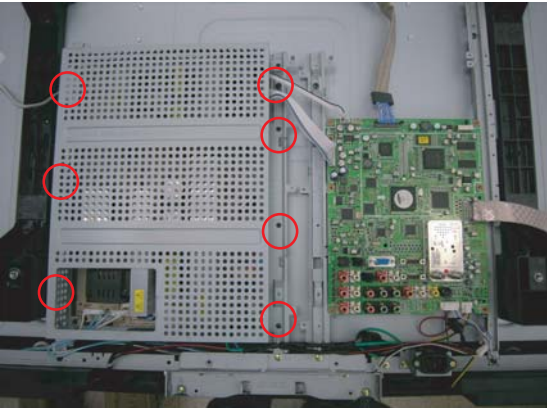
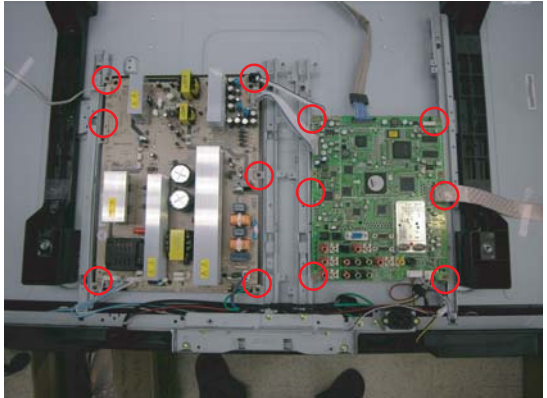
⚠ WARNING : This monitor contains electrostatically sensitive devices. Use caution when handling these components.


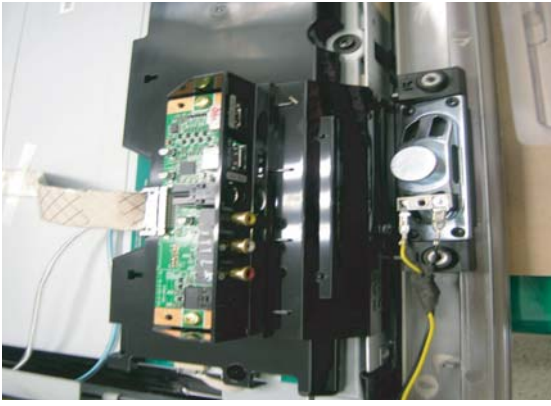

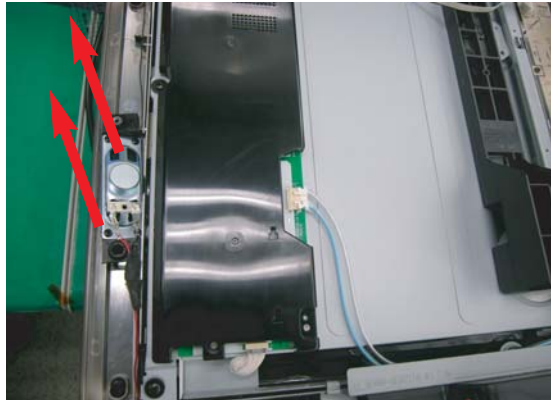
11-1 Disassembly

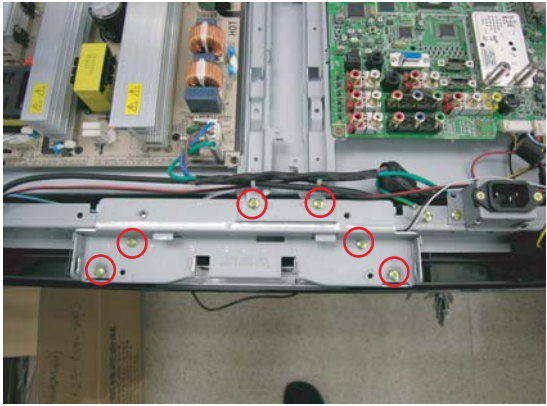
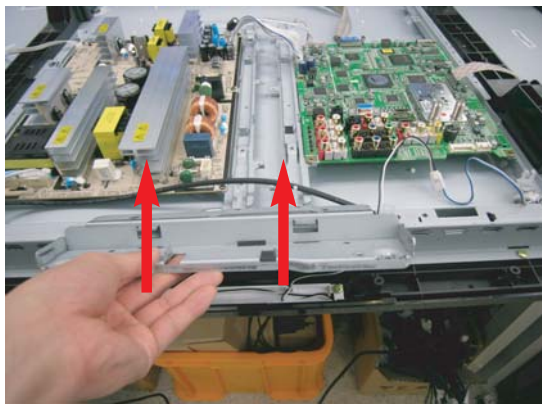
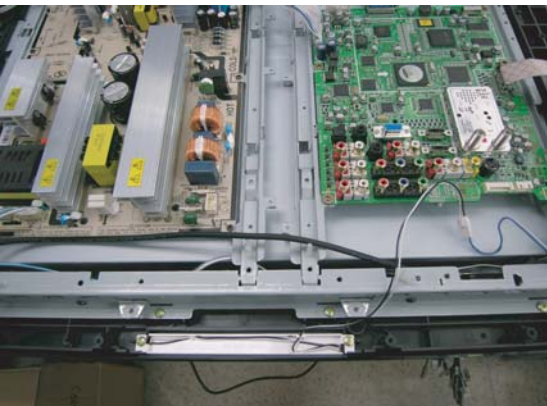
⚠ Cautions : 1. Disconnect the monitor from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

| Description | Picture Description |
|--|--|
| 1. Place monitor face down on cushioned table. Remove screws from the Stand. Remove stand. |  |
| |  |
| |  |


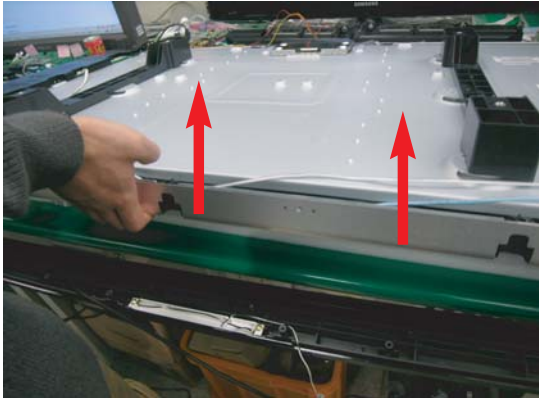
| Description | Picture Description |
|--|--|
| <p>2. Remove the screws of rear-cover.</p> |  A photograph of the back of a black monitor. Ten screws are circled in red, indicating they need to be removed. The screws are located at the top (3), bottom (3), and sides (4) of the rear cover. |
| |  A second photograph of the same monitor's rear cover, showing the same 10 screws circled in red from a slightly different perspective to ensure all are visible. |
| <p>3. Lift up the rear-cover.</p> |  A photograph showing a person's hand lifting the rear cover of the monitor. Two red arrows point upwards from the bottom edge of the cover, indicating the direction of movement. |
| |  A photograph of the internal components of the monitor after the rear cover has been removed. Visible parts include a large white heat sink, a green printed circuit board (PCB) with various electronic components, and several flat ribbon cables connecting different parts of the assembly. |

| Description | Picture Description |
|---|--|
| <p data-bbox="177 259 740 327">4. Remove the screws of IP board's shield case and boards.</p> | <div data-bbox="836 266 1385 674">This photograph shows the top of the IP board assembly. A white shield case is mounted on a green printed circuit board (PCB). Eight red circles are drawn on the image to indicate the locations of screws that need to be removed: four on the left side of the shield case and four on the right side. Various electronic components, including capacitors and integrated circuits, are visible on the PCB.</div> <div data-bbox="836 712 1385 1108">This photograph shows the bottom of the IP board assembly. The green PCB is visible, showing various electronic components such as capacitors, resistors, and integrated circuits. Eight red circles are drawn on the image to indicate the locations of screws that need to be removed: four on the left side and four on the right side of the board.</div> |

| Description | Picture Description |
|---|--|
| <p>5. Remove the screws power inlet and Side AV assembly. Lift up Left and Right speaker.</p> |  |
| |  |
| |  |
| |  |

| Description | Picture Description |
|--|--|
| <p>6. Remove the screws of Stand Bracket. Lift up the Stand Bracket.</p> |  A top-down view of the stand bracket assembly. Six screws are circled in red, indicating the points for removal. The bracket is a silver-colored metal piece with a central slot and mounting holes. |
| |  A hand is shown lifting the stand bracket upwards. Two red arrows point upwards from the hand to the bracket, indicating the direction of movement. The background shows the internal components of the device. |
| |  A bottom-up view of the stand bracket after it has been removed. The bracket is now detached from the main assembly, and the internal components are visible. The bracket is a silver-colored metal piece with a central slot and mounting holes. |

| Description | Picture Description |
|--|--|
| <p>7. Remove the screws of Bracket. Lift up the Bracket.</p> |  A top-down view of the device's internal chassis. Six screws are circled in red: two on the left side, two in the center, and two on the right side. These screws are used to secure a bracket. |
| |  A close-up view of the left side of the chassis. Three screws are circled in red, indicating they should be removed. A black bracket is partially visible on the left. |
| |  A close-up view of the right side of the chassis. Three screws are circled in red, indicating they should be removed. A black bracket is partially visible on the right. |

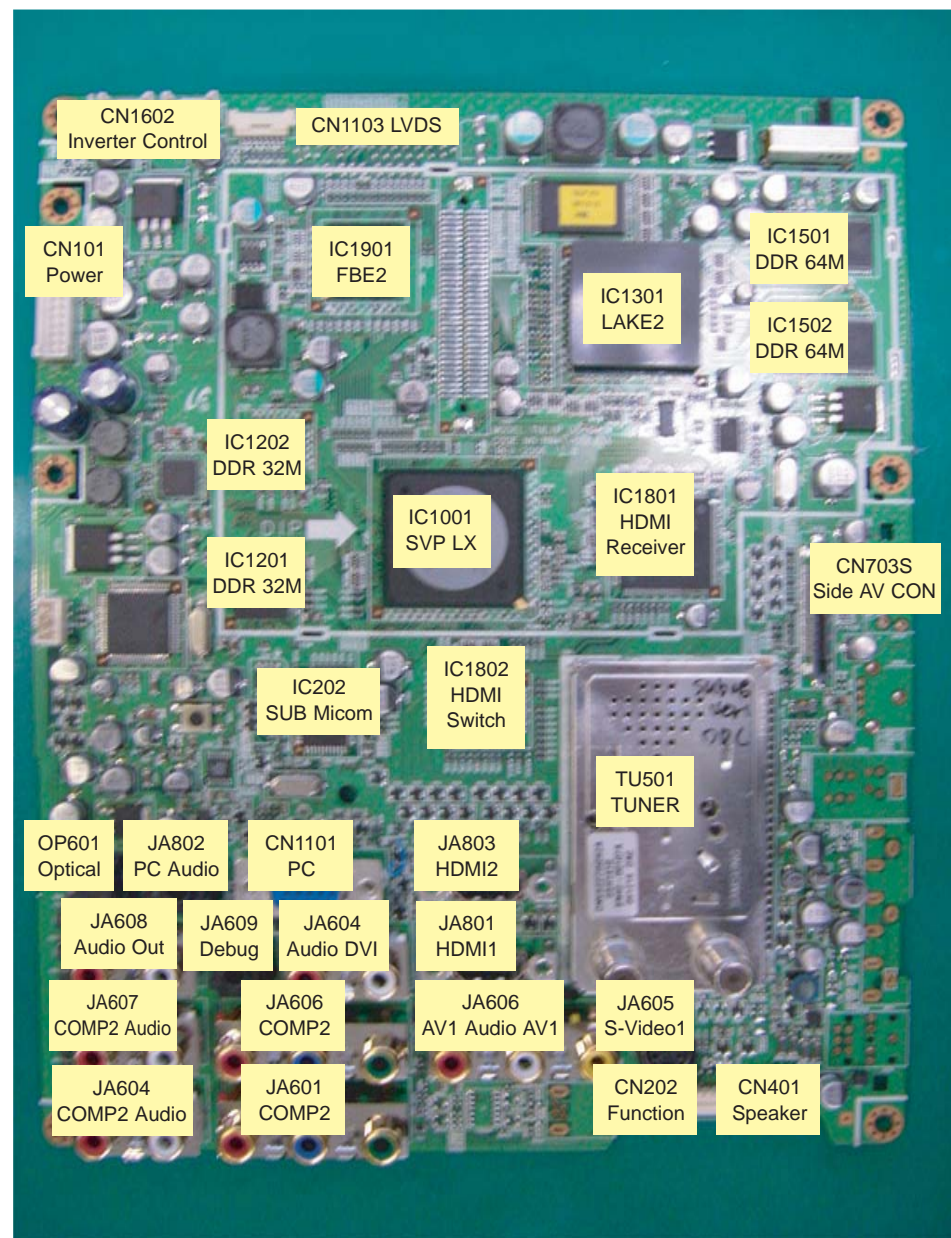
| Description | Picture Description |
|--|--|
| <p>8. Remove the screws of panel's Bracket and lift up the panel.</p> <p>Other Tulip models are similiar in disassembly.</p> |  A top-down view of a white rectangular panel bracket mounted on a green circuit board. Four screws, one in each corner, are circled in red to indicate they need to be removed. The bracket has two black mounting arms in the center. |
| |  A side-view photograph showing a person's hand lifting the white panel from the green circuit board. Two red arrows point upwards from the bottom edge of the panel, indicating the direction of removal. The panel is being lifted away from the board. |

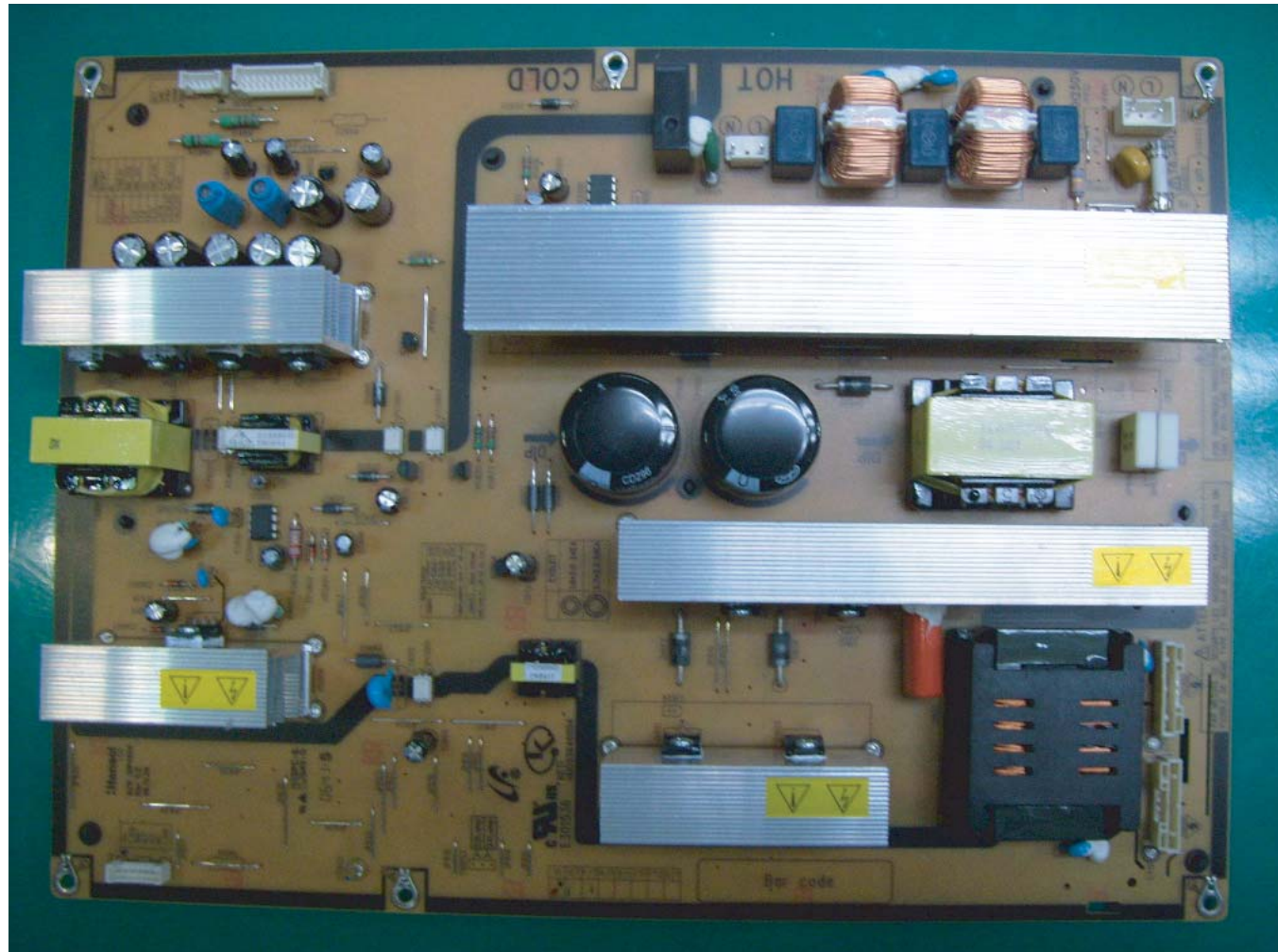
11-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

12 PCB Diagram

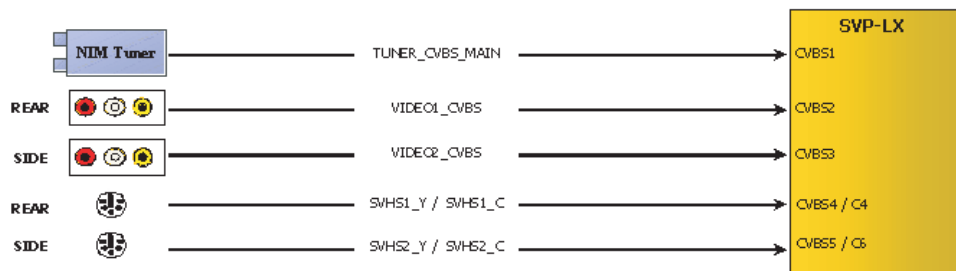
12-1 MAIN PCB Diagram



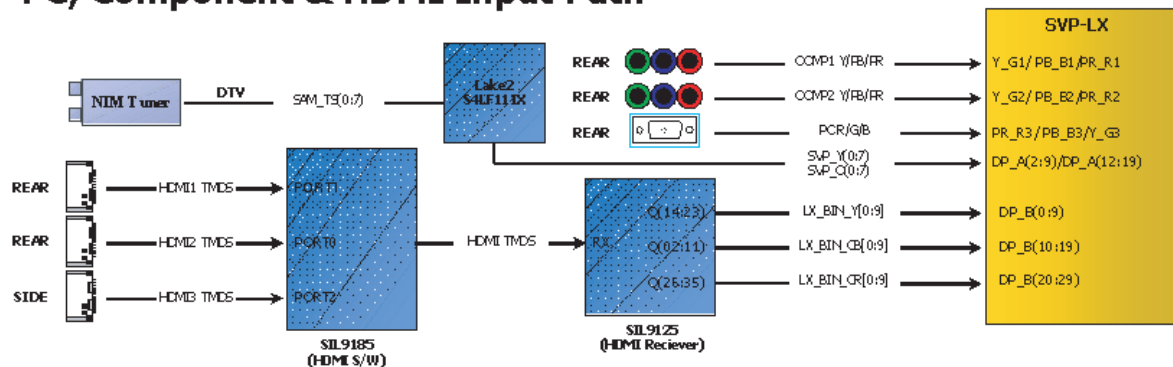


13-2 Video Signal Path

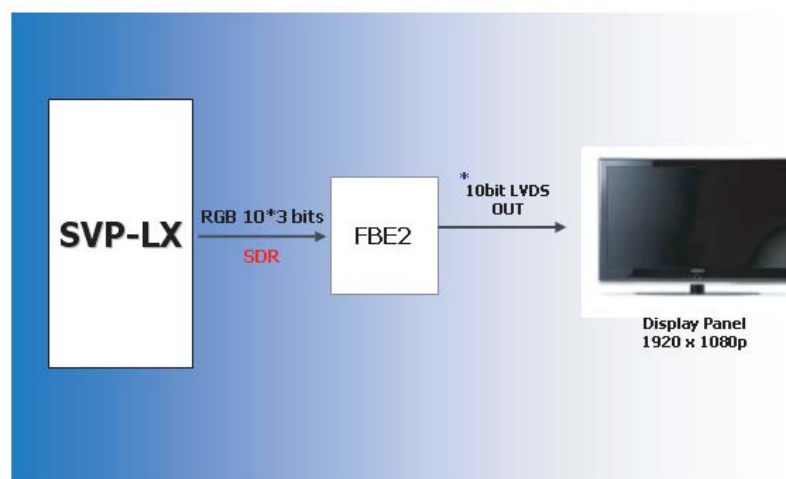
CVBS & S-VHS Input Path



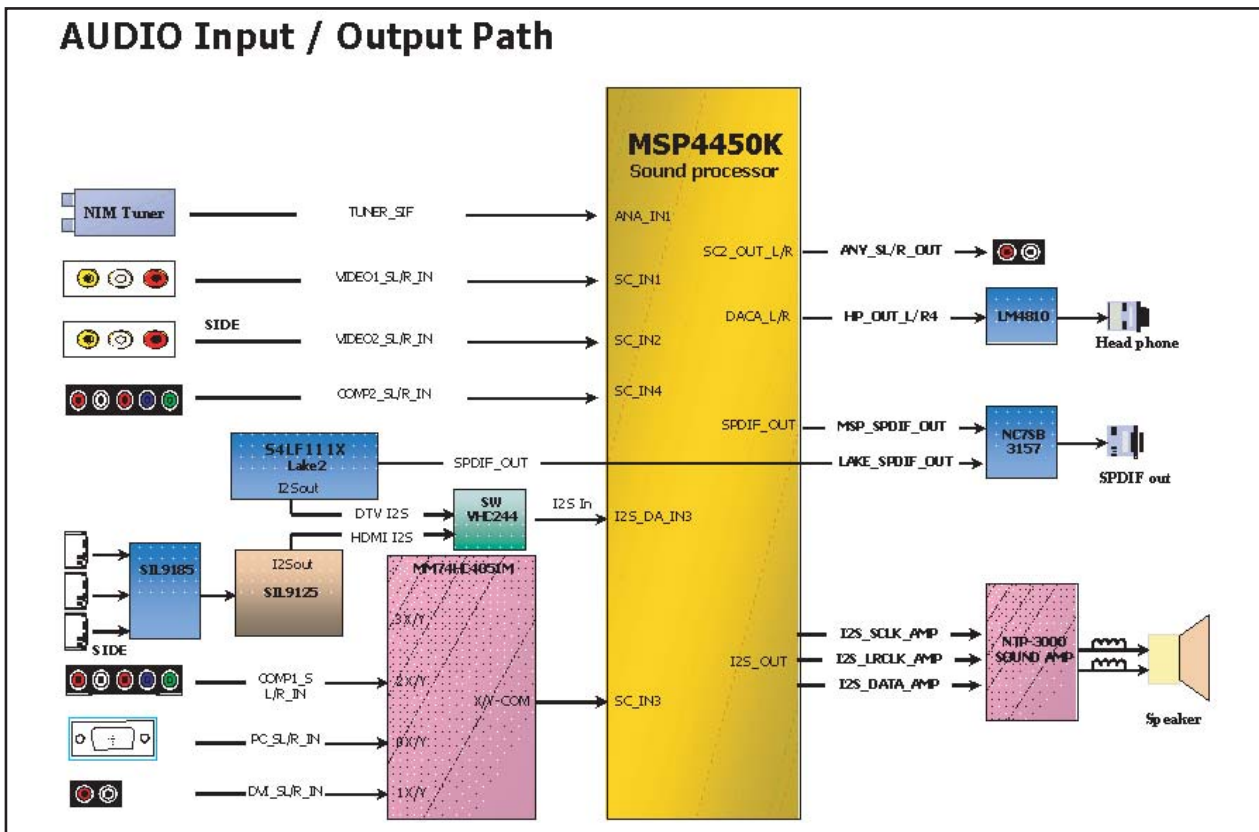
PC, Component & HDMI Input Path



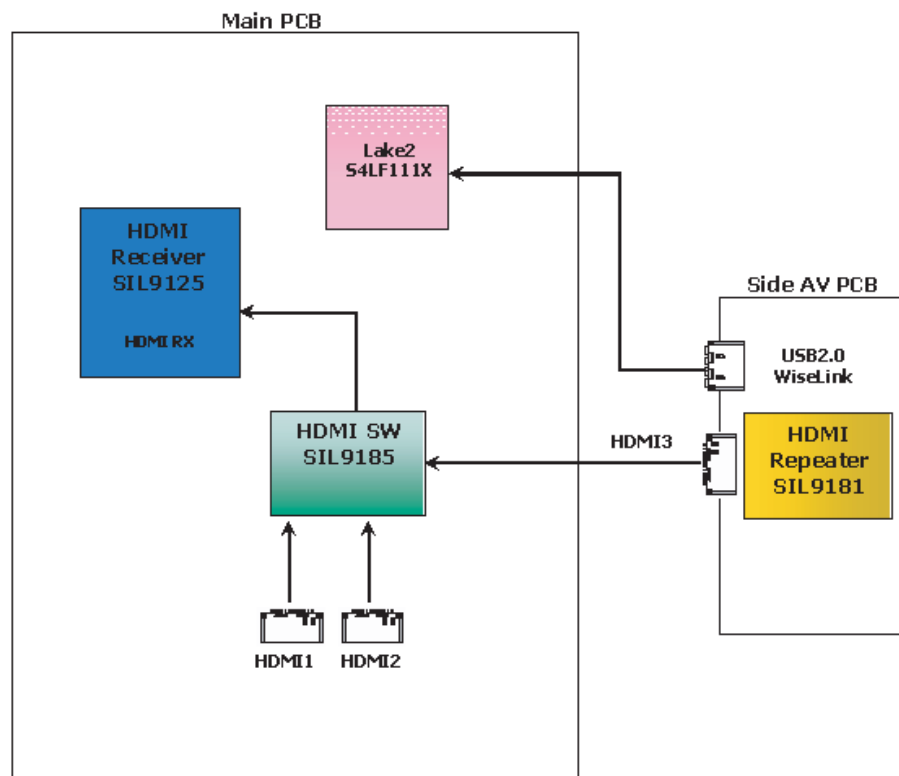
VIDEO Output Path



13-3 Audio Signal Path



13-3 Side AV Signal Path



Menu

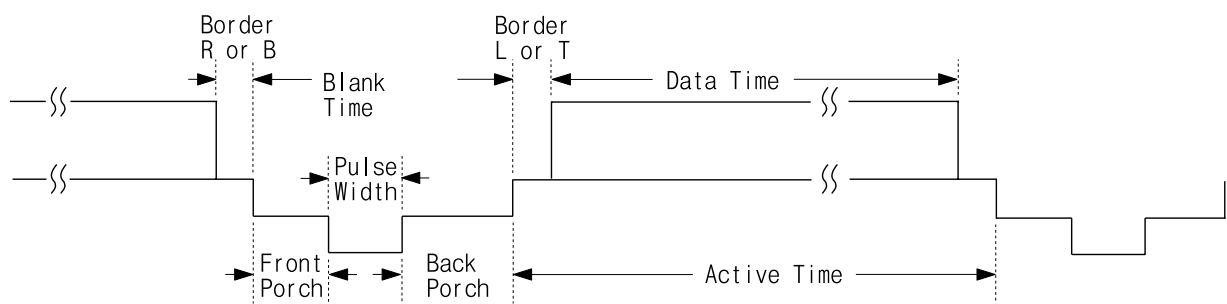
14 Reference Infomation

14-1 Timing Diagram

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

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

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



14-1-2 Supported Mode (1)

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

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

14-2 Technical Terms

- TFT-LCD

(Thin film Transistor Liquid Crystal Display)

ADC(Analog to Digital Converter)

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

- PLL(Phase Locked Loop)

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

- Inverter

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

- AC Adapter

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

- SMPS(Switching Mode Power Supply)

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

- FRC(Frame Rate Controller)

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

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

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

- Image Scaler

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

- Auto Configuration(Auto adjustment)

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

- OSD(On Screen Display)

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

- Image Lock

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

- FINE

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

- COARSE

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

- DVI (Digital Visual Interface)

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

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

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

- T.M.D.S

(Transition minimized Differential Signaling)

a kind of transmission method for Digital.

It can be used from Video card to Main PBA.

- DDC(Display data channel)

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

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

- EDID

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

- Dot Pitch

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

- Vertical Frequency

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

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

- Horizontal Frequency

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

- Interlace and Non-Interlace Methods

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

- Plug & Play

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

- Resolution

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

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

- BTSC

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

- EIAJ

Electronic Industries Association of Japan.

- RF Cable

A round signal cable generally used for TV antennas.

- Satellite Broadcasting

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

- Sound Balance

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

- Cable TV

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

- CATV

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

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

- S-Video

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

- VHF/UHF

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

- Channel Fine Tuning

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

- External Device Input

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

- WISELINK

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

- Anynet+

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

14-3 Pin Assignments

14-3-1 Component 1, 2

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

14-3-3 S-Video

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

14-3-2 A/V

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