LCD-TV

Chassis : N43A

Model : LN32A550P3R
LN40A550P3R
LN46A550P3R

SERVICE Manual

TFT-LCD TV



LN32A550P3R / LN40A550P3R / LN46A550P3R

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3. Disassembly and Reassembly
4. Troubleshooting
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Refer to the service manual in the GSPN (see the rear cover) for the more information.

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GSPN (Global Service Partner Network)

Area	Web Site
North America	http://service.samsungportal.com
Latin America	http://latin.samsungportal.com
CIS	http://cis.samsungportal.com
Europe	http://europe.samsungportal.com
China	http://china.samsungportal.com
Asia	http://asia.samsungportal.com
Mideast & Africa	http://mea.samsungportal.com

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1. Precautions

1-1. Safety Precautions

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

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 TV

1. When servicing the LCD TV, 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 LCD TV 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 LCD TV.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistorcapacitor 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).

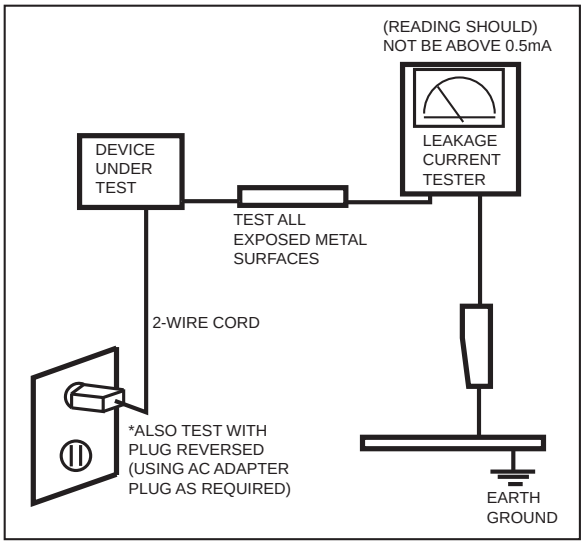


Figure 1-1. Leakage Current Test Circuit

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

1-2. Servicing Precautions

WARNING: An electrolytic capacitor installed with the wrong polarity might explode.
Caution: Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.
Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
   (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to theblades 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 LCD TV.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4. Installation Precautions

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

Memo

2. Product specifications

2-1. Feature & Specifications

Model	LN32A550P3F
Feature	
▶ HD_READY (FHD), RF, 3-HDMI, 2-Component, 2-A/V(REAR/ SIDE), 1-S-Video, USB2.0(WISELINK -JPEG/ MP3), D-SUB ▶ Brightness : 500cd/m^2 ▶ Contrast Ratio : 8000:1 ▶ Response time : 6ms ▶ Dynamic contrast, Super-PVA ▶ PIP(in HDMI 1, 2, 3, Component 1, 2, PC Mode and Sub picture is available only in TV/ AV mode)	

Specifications		
Item	**Description**	
LCD Panel	TFT-LCD panel, RGB vertical stripe, SPVA mode, normaly black, 32-Inch viewable, 0.3635 (H) x 0.36375 (W) mm pixel pitch	
Scanning Frequency	Horizontal : 67.5 kHz (Automatic) Vertical : 48 Hz ~ 63 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1920 Pixels Vertical : 1080 Pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	310MHz	
Active Display Horizontal/Vertical	698.4(H) x 392.85(V) mm	
AC power voltage & Frequency	AC100 ~ 240V, 50 / 60Hz	
Power Consumption	<245 W (< 1W, stand by)	
Dimensions Set (W x D x H)	865.0 x 220.0 x 561.0 mm_with stand 865.0 x 79.0 x 449.8 mm_without stand	
Weight (Set)	13.7 Kg	
TV System	Tuning	Voltage / Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL - B/G, D/K, I / NTSC 3.58 / SECAM - D/K
	Sound	STEREO
Audio System	- 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 ~ 15 kHz	
Environmental Considerations	Operating Temperature : 50˚F ~ 104˚F (10˚C ~ 40˚C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13˚F ~ 113˚F (-25˚C ~ 45˚C) Storage Humidity : 5% ~ 95%, non-condensing	
Note: Anynet+, WISELINK		

Model	LN40A550P3F
Feature	
▶ HD_READY (FHD), RF, 3-HDMI, 2-Component, 2-A/V(REAR/ SIDE), 1-S-Video, USB2.0(WISELINK -JPEG/ MP3), D-SUB ▶ Brightness : 500cd/m^2 ▶ Contrast Ratio : 8000:1 ▶ Response time : 6ms ▶ Dynamic contrast, Super-PVA ▶ PIP(in HDMI 1, 2, 3, Component 1, 2, PC Mode and Sub picture is available only in TV/ AV mode)	

Specifications		
Item	**Description**	
LCD Panel	TFT-LCD panel, RGB vertical stripe, SPVA mode, normaly black, 40-Inch viewable, 0.461(H) x 0.461(W) mm pixel pitch	
Scanning Frequency	Horizontal : 65 kHz ~ 72 kHz (Automatic) Vertical : 57 Hz ~ 63 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1920 Pixels Vertical : 1080 Pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	310MHz	
Active Display Horizontal/Vertical	885.6(H) x 498.15(V) mm	
AC power voltage & Frequency	AC100 ~ 240V, 50 / 60Hz	
Power Consumption	<245 W (< 1W, stand by)	
Dimensions Set (W x D x H)	1,058.0 x 240.0 x 671.9 mm_with stand 1,058.0 x 90.8 x 607.5mm_without stand	
Weight (Set)	Set : 19.3 kg(After installation of Stand) Package : 25.0 kg (Stand : 2.9 kg)	
TV System	Tuning	Voltage / Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL - B/G, D/K, I / NTSC 3.58 / SECAM - D/K
	Sound	STEREO
Audio System	- 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 ~ 15 kHz	
Environmental Considerations	Operating Temperature : 50˚F ~ 104˚F (10˚C ~ 40˚C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13˚F ~ 113˚F (-25˚C ~ 45˚C) Storage Humidity : 5% ~ 95%, non-condensing	
Note: Anynet+, WISELINK		

Model	LN46A550P3F

Feature

- HD_READY (FHD), RF, 3-HDMI, 2-Component, 2-A/V(REAR/ SIDE), 1-S-Video, USB2.0(WISELINK -JPEG/ MP3), D-SUB
- Brightness : 500cd/m^2
- Contrast Ratio : 8000:1
- Response time : 6ms
- Dynamic contrast, Super-PVA
- PIP(in HDMI 1, 2, 3, Component 1, 2, PC Mode and Sub picture is available only in TV/ AV mode)

Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, SPVA mode, normaly black, 46-Inch viewable, 0.53025(H) x 0.53025(W) mm pixel pitch	
Scanning Frequency	Horizontal : 65.4 kHz ~ 72 kHz (Automatic) Vertical : 60 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1920 Pixels Vertical : 1080 Pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	310MHz	
Active Display Horizontal/Vertical	1018.08(H) x 572.67(V) mm	
AC power voltage & Frequency	AC100 ~ 240V, 50 / 60Hz	
Power Consumption	<245 W (< 1W, stand by)	
Dimensions Set (W x D x H)	1,186.0 x 260.0 x 749.4 mm_with stand 1,186.0 X 111.0 X 685.5 mm_without stand	
Weight (Set)	Set : 26.6 kg(After installation of Stand) Package : 33.1 kg (Stand : 4.2 Kg)	
TV System	Tuning	Voltage / Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL - B/G, D/K, I / NTSC 3.58 / SECAM - D/K
	Sound	STEREO
Audio System	- 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 ~ 15 kHz	
Environmental Considerations	Operating Temperature : 50˚F ~ 104˚F (10˚C ~ 40˚C) Operating Humidity : 10% ~ 80%, non-condensing Storage temperature : -13˚F ~ 113˚F (-25˚C ~ 45˚C) Storage Humidity : 5% ~ 95%, non-condensing	
Note: Anynet+, WISELINK		

CHANNEL FREQUENCY TABLE

1. OUTPUT FREQUENCY : ANALOG fv : 45.75MHz fs : 41.25MHz
2. TUNING STEP SIZE : FIRST PLL 250KHz SECOND PLL 62.5KHz

(Unit : MHz)

CH Number	AREA									
	ASIA W/EUROPE	BAND	CIS E/EUROPE	BAND	HONG KONG U/K	BAND	NZ/INDO NE-SIA	BAND	SOUTH AFRICA	BAND
C00	-	-	-	-	-	-	-	-	--	-
C01	46.25	VHF	49.75	VHF	49.75	VHF	44.25	VHF	-	-
C02	48.25	VHF	59.25	V-L	59.25	V-L	55.25	V-L	-	-
C03	55.25	V-L	77.25	V-L	77.25	V-L	62.25	V-L	-	-
C04	62.25	V-L	85.25	V-L	85.25	V-L	175.25	V-H	175.25	V-H
C05	175.25	V-H	93.25	VHF	93.25	VHF	182.25	V-H	183.25	V-H
C06	182.25	V-H	175.25	V-H	175.25	V-H	189.25	V-H	191.25	V-H
C07	189.25	V-H	183.25	V-H	183.25	V-H	196.25	V-H	199.25	V-H
C08	196.25	V-H	191.25	V-H	191.25	V-H	203.25	V-H	207.25	V-H
C09	203.25	V-H	199.25	V-H	199.25	V-H	210.25	V-H	215.25	V-H
C10	210.25	V-H	207.25	V-H	207.25	V-H	217.25	VHF	223.25	VHF
C11	217.25	VHF	215.25	V-H	215.25	V-H	224.25	VHF	231.25	VHF
C12	224.25	VHF	223.25	VHF	223.25	VHF	45.25	VHF	239.25	VHF
C13	53.75	VHF	53.75	VHF	45.75	VHF	-	-	247.25	VHF
C14	-		62.25	V-L	53.75	VHF	-	-	-	-
C15	82.25	V-L	82.25	V-L	61.75	V-L	-	-	-	-
C16	-		-		-		69.75	V-L	-	-
C17	183.75	V-H	183.75	V-H	95.75	VHF	-	-	-	-
C18	192.25	V-H	192.25	V-H	-		-	-	-	-
C19	201.25	V-H	-		201.25	V-H	-	-	-	-
C20	-		210.25	V-H	-		-	-	-	-
C21	471.25	UHF	471.25	UHF	471.25	UHF	471.25	UHF	471.25	UHF
C22	479.25	UHF	479.25	UHF	479.25	UHF	479.25	UHF	479.25	UHF
C23	487.25	UHF	487.25	UHF	487.25	UHF	487.25	UHF	487.25	UHF
C24	495.25	UHF	495.25	UHF	495.25	UHF	495.25	UHF	495.25	UHF
C25	503.25	UHF	503.25	UHF	503.25	UHF	503.25	UHF	503.25	UHF
C26	511.25	UHF	511.25	UHF	511.25	UHF	511.25	UHF	511.25	UHF
C27	519.25	UHF	519.25	UHF	519.25	UHF	519.25	UHF	519.25	UHF
C28	527.25	UHF	527.25	UHF	527.25	UHF	527.25	UHF	527.25	UHF
C29	535.25	UHF	535.25	UHF	535.25	UHF	535.25	UHF	535.25	UHF
C30	543.25	UHF	543.25	UHF	543.25	UHF	543.25	UHF	543.25	UHF
C31	551.25	UHF	551.25	UHF	551.25	UHF	551.25	UHF	551.25	UHF
C32	559.25	UHF	559.25	UHF	559.25	UHF	559.25	UHF	559.25	UHF
C33	567.25	UHF	567.25	UHF	567.25	UHF	567.25	UHF	567.25	UHF
C34	575.25	UHF	575.25	UHF	575.25	UHF	575.25	UHF	575.25	UHF
C35	583.25	UHF	583.25	UHF	583.25	UHF	583.25	UHF	583.25	UHF
C36	591.25	UHF	591.25	UHF	591.25	UHF	591.25	UHF	591.25	UHF
C37	599.25	UHF	599.25	UHF	599.25	UHF	599.25	UHF	599.25	UHF
C38	607.25	UHF	607.25	UHF	607.25	UHF	607.25	UHF	607.25	UHF
C39	615.25	UHF	615.25	UHF	615.25	UHF	615.25	UHF	615.25	UHF
C40	623.25	UHF	623.25	UHF	623.25	UHF	623.25	UHF	623.25	UHF
C41	631.25	UHF	631.25	UHF	631.25	UHF	631.25	UHF	631.25	UHF
C42	639.25	UHF	639.25	UHF	639.25	UHF	639.25	UHF	639.25	UHF
C43	647.25	UHF	647.25	UHF	647.25	UHF	647.25	UHF	647.25	UHF
C44	655.25	UHF	655.25	UHF	655.25	UHF	655.25	UHF	655.25	UHF
C45	663.25	UHF	663.25	UHF	663.25	UHF	663.25	UHF	663.25	UHF
C46	671.25	UHF	671.25	UHF	671.25	UHF	671.25	UHF	671.25	UHF
C47	679.25	UHF	679.25	UHF	679.25	UHF	679.25	UHF	679.25	UHF
C48	687.25	UHF	687.25	UHF	687.25	UHF	687.25	UHF	687.25	UHF
C49	695.25	UHF	695.25	UHF	695.25	UHF	695.25	UHF	695.25	UHF
C50	703.25	UHF	703.25	UHF	703.25	UHF	703.25	UHF	703.25	UHF
C51	711.25	UHF	711.25	UHF	711.25	UHF	711.25	UHF	711.25	UHF

CH Number	AREA									
	ASIA W/EUROPE	BAND	CIS E/EUROPE	BAND	HONG KONG U/K	BAND	NZ/INDO NE-SIA	BAND	SOUTH AFRICA	BAND
C52	719.25	UHF	719.25	UHF	719.25	UHF	719.25	UHF	719.25	UHF
C53	727.25	UHF	727.25	UHF	727.25	UHF	727.25	UHF	727.25	UHF
C54	735.25	UHF	735.25	UHF	735.25	UHF	735.25	UHF	735.25	UHF
C55	743.25	UHF	743.25	UHF	743.25	UHF	743.25	UHF	743.25	UHF
C56	751.25	UHF	751.25	UHF	751.25	UHF	751.25	UHF	751.25	UHF
C57	759.25	UHF	759.25	UHF	759.25	UHF	759.25	UHF	759.25	UHF
C58	767.25	UHF	767.25	UHF	767.25	UHF	767.25	UHF	767.25	UHF
C59	775.25	UHF	775.25	UHF	775.25	UHF	775.25	UHF	775.25	UHF
C60	783.25	UHF	783.25	UHF	783.25	UHF	783.25	UHF	783.25	UHF
C61	791.25	UHF	791.25	UHF	791.25	UHF	791.25	UHF	791.25	UHF
C62	799.25	UHF	799.25	UHF	799.25	UHF	799.25	UHF	799.25	UHF
C63	807.25	UHF	807.25	UHF	807.25	UHF	807.25	UHF	807.25	UHF
C64	815.25	UHF	815.25	UHF	815.25	UHF	815.25	UHF	815.25	UHF
C65	823.25	UHF	823.25	UHF	823.25	UHF	823.25	UHF	823.25	UHF
C66	831.25	UHF	831.25	UHF	831.25	UHF	831.25	UHF	831.25	UHF
C67	839.25	UHF	839.25	UHF	839.25	UHF	839.25	UHF	839.25	UHF
C68	847.25	UHF	847.25	UHF	847.25	UHF	847.25	UHF	847.25	UHF
C69	855.25	UHF	855.25	UHF	855.25	UHF	855.25	UHF	855.25	UHF
C70	-	-	-	-	-	-	53.75	-	53.75	-
C71	-	-	-	-	62.25	VHF	-	-	62.25	VHF
C72	-	-	-	-	82.25	V-L	82.25	V-L	82.25	V-L
C73	-	-	-	-	-	-	-	-	-	-
C74	69.75	V-L	-	-	-	-	183.25	V-H	-	-
C75	76.25	V-L	-	-	192.25	V-H	192.25	V-H	192.25	V-H
C76	83.25	V-L	-	-	201.25	V-H	201.25	V-H	201.25	V-H
C77	90.25	VHF	-	-	210.25	V-H	-	-	210.25	V-H
C78	97.25	VHF	217.25	VHF	217.25	VHF	-	-	217.25	VHF
C79	59.25	V-L	224.25	VHF	224.25	VHF	-	-	224.25	VHF
C80	-	-	93.25	VHF	-		-	-	-	-
C81	49.75	VHF	-	-	-	-	49.75	VHF	49.75	VHF
C82	-	-	-	-	-		59.25	V-L	59.25	V-L
C83	77.25	V-L	-	-	77.25	V-L	77.25	V-L	77.25	V-L
C84	85.25	V-L	-	-	85.25	V-L	85.25	V-L	85.25	V-L
C85	-	-	-	-	93.25	VHF	93.25	VHF	93.25	VHF
C86	-	-	-	-	-	-	-	-	-	-
C86	183.25	V-H	-	-	-	-	-	-	-	-
C86	191.25	V-H	-	-	-	-	191.25	V-H	-	-
C86	199.25	V-H	-	-	199.25	V-H	199.25	V-H	-	-
C86	207.25	V-H	-	-	207.25	V-H	207.25	V-H	-	-
C86	215.25	VHF	-	-	-	-	215.25	VHF	215.25	VHF
C86	223.25	VHF	-	-	-	-	223.25	VHF	223.25	VHF

CH Number	AREA					
	AUSTRALIA	BAND	CHINA	BAND	AMERICA	BAND
C00	46.25	VHF	-	-	-	-
C01	57.25	V-L	49.75	VHF	-	-
C02	64.25	V-L	57.75	V-L	55.25	V-L
C03	86.25	V-L	65.75	V-L	61.25	V-L
C04	95.25	VHF	77.25	V-L	67.25	V-L
C05	102.25	VHF	85.25	V-L	77.25	V-L
C06	175.25	V-H	168.25	VHF	83.25	V-L
C07	182.25	V-H	176.25	V-H	175.25	V-H
C08	189.25	V-H	184.25	V-H	181.25	V-H
C09	196.25	V-H	192.25	V-H	187.25	V-H
C10	209.25	V-H	200.25	V-H	193.25	V-H
C11	216.25	VHF	208.25	VHF	199.25	VHF
C12	224.25	VHF	216.25	VHF	205.25	VHF
C13	138.25	V-H	471.25	UHF	211.25	VHF
C14	203.25	V-H	479.25	UHF	471.25	UHF
C15	-	-	487.25	UHF	477.25	UHF
C16	-	-	495.25	UHF	483.25	UHF
C17	-	-	503.25	UHF	489.25	UHF
C18	-	-	511.25	UHF	495.25	UHF
C19	-	-	519.25	UHF	501.25	UHF
C20	-	-	527.25	UHF	507.25	UHF
C21	x	-	535.25	UHF	513.25	UHF
C22	x	-	543.25	UHF	519.25	UHF
C23	x	-	551.25	UHF	525.25	UHF
C24	x	-	559.25	UHF	531.25	UHF
C25	x	-	607.25	UHF	537.25	UHF
C26	x	-	615.25	UHF	543.25	UHF
C27	x	-	623.25	UHF	549.25	UHF
C28	527.25	UHF	631.25	UHF	555.25	UHF
C29	534.25	UHF	639.25	UHF	561.25	UHF
C30	541.25	UHF	647.25	UHF	567.25	UHF
C31	548.25	UHF	655.25	UHF	573.25	UHF
C32	555.25	UHF	663.25	UHF	579.25	UHF
C33	562.25	UHF	671.25	UHF	585.25	UHF
C34	569.25	UHF	679.25	UHF	591.25	UHF
C35	576.25	UHF	687.25	UHF	597.25	UHF
C36	583.25	UHF	695.25	UHF	603.25	UHF
C37	590.25	UHF	703.25	UHF	609.25	UHF
C38	597.25	UHF	711.25	UHF	615.25	UHF
C39	604.25	UHF	719.25	UHF	621.25	UHF
C40	611.25	UHF	727.25	UHF	627.25	UHF
C41	618.25	UHF	735.25	UHF	633.25	UHF
C42	625.25	UHF	743.25	UHF	639.25	UHF
C43	632.25	UHF	751.25	UHF	645.25	UHF
C44	639.25	UHF	759.25	UHF	651.25	UHF
C45	646.25	UHF	767.25	UHF	657.25	UHF
C46	653.25	UHF	775.25	UHF	663.25	UHF
C47	660.25	UHF	783.25	UHF	669.25	UHF
C48	667.25	UHF	791.25	UHF	675.25	UHF
C49	674.25	UHF	799.25	UHF	681.25	UHF
C50	681.25	UHF	807.25	UHF	687.25	UHF
C51	688.25	UHF	815.25	UHF	693.25	UHF

CH Number	AREA					
	AUSTRALIA	BAND	CHINA	BAND	AMERICA	BAND
C52	695.25	UHF	823.25	UHF	699.25	UHF
C53	702.25	UHF	831.25	UHF	705.25	UHF
C54	709.25	UHF	839.25	UHF	711.25	UHF
C55	716.25	UHF	847.25	UHF	717.25	UHF
C56	723.25	UHF	855.25	UHF	723.25	UHF
C57	730.25	UHF	863.25	UHF	729.25	UHF
C58	737.25	UHF	-	-	735.25	UHF
C59	744.25	UHF	-	-	741.25	UHF
C60	751.25	UHF	-	-	747.25	UHF
C61	758.25	UHF	-	-	753.25	UHF
C62	765.25	UHF	-	-	759.25	UHF
C63	772.25	UHF	-	-	765.25	UHF
C64	779.25	UHF	-	-	771.25	UHF
C65	786.25	UHF	567.25	UHF	777.25	UHF
C66	793.25	UHF	575.25	UHF	783.25	UHF
C67	800.25	UHF	583.25	UHF	789.25	UHF
C68	807.25	UHF	591.25	UHF	795.25	UHF
C69	814.25	UHF	599.25	UHF	801.25	UHF
C70	53.75	-	-	-	807.25	UHF
C71	62.25	VHF	-	-	813.25	UHF
C72	82.25	V-L	-	-	819.25	UHF
C73	-	-	-	-	825.25	UHF
C74	183.25	-	-	-	831.25	UHF
C75	192.25	V-H	-	-	837.25	UHF
C76	201.25	V-H	-	-	843.25	UHF
C77	-	V-H	-	-	849.25	UHF
C78	-	VHF	-	-	855.25	UHF
C79	-	VHF	-	-	861.25	UHF
C80	-	-	-	-	867.25	UHF
C81	49.75	VHF	-	-	873.25	UHF
C82	59.25	V-L	-	-	879.25	UHF
C83	77.25	V-L	-	-	885.25	UHF
C84	85.25	V-L	-	-	-	-
C85	93.25	VHF	-	-	-	-
C86	-	-	-	-	-	-
C86	-	-	-	-		-
C86	191.25	-	-	-	-	-
C86	199.25	-	-	-	-	-
C86	207.25	-	-	-	-	-
C86	215.25	VHF	-	-	-	-
C86	223.25	VHF	-	-	-	-

CH Number	Cable CHANNEL									
	ASIA W/EUROPE	BAND	CIS E/EUROPE	BAND	HONG KONG U/K	BAND	NZ/INDO NE-SIA	BAND	SOUTH AFRICA	BAND
S01	105.25	VHF	103.25	VHF	103.25	VHF	105.25	VHF	105.25	VHF
S02	112.25	VHF	111.25	VHF	111.25	VHF	112.25	VHF	112.25	VHF
S03	119.25	VHF	119.25	VHF	119.25	VHF	119.25	VHF	119.25	VHF
S04	126.25	VHF	127.25	VHF	127.25	VHF	126.25	VHF	126.25	VHF
S05	133.25	VHF	135.25	VHF	135.25	VHF	133.25	VHF	133.25	VHF
S06	140.25	VHF	143.25	VHF	143.25	VHF	140.25	VHF	140.25	VHF
S07	147.25	VHF	151.25	VHF	151.25	VHF	147.25	VHF	147.25	VHF
S08	154.25	VHF	159.25	VHF	159.25	VHF	154.25	VHF	154.25	VHF
S09	161.25	VHF	167.25	VHF	167.25	VHF	161.25	VHF	161.25	VHF
S10	168.25	VHF	231.25	VHF	231.25	VHF	168.25	VHF	168.25	VHF
S11	231.25	VHF	239.25	VHF	239.25	VHF	231.25	VHF	231.25	VHF
S12	238.25	VHF	247.25	VHF	247.25	VHF	238.25	VHF	238.25	VHF
S13	245.25	VHF	253.25	VHF	253.25	VHF	245.25	VHF	245.25	VHF
S14	252.25	VHF	263.25	VHF	263.25	VHF	252.25	VHF	252.25	VHF
S15	259.25	VHF	271.25	VHF	271.25	VHF	259.25	VHF	259.25	VHF
S16	266.25	VHF	279.25	VHF	279.25	VHF	266.25	VHF	266.25	VHF
S17	273.25	VHF	287.25	VHF	287.25	VHF	273.25	VHF	273.25	VHF
S18	280.25	VHF	295.25	VHF	295.25	VHF	280.25	VHF	280.25	VHF
S19	287.25	VHF	303.25	UHF	303.25	UHF	287.25	VHF	287.25	VHF
S20	294.25	VHF	-	-	-	-	294.25	VHF	294.25	VHF
S21	303.25	UHF	-	-	-	-	303.25	UHF	303.25	UHF
S22	311.25	UHF	311.25	UHF	311.25	UHF	311.25	UHF	311.25	UHF
S23	319.25	UHF	319.25	UHF	319.25	UHF	319.25	UHF	319.25	UHF
S24	327.25	UHF	327.25	UHF	327.25	UHF	327.25	UHF	327.25	UHF
S25	335.25	UHF	335.25	UHF	335.25	UHF	335.25	UHF	335.25	UHF
S26	343.25	UHF	343.25	UHF	343.25	UHF	343.25	UHF	343.25	UHF
S27	351.25	UHF	351.25	UHF	351.25	UHF	351.25	UHF	351.25	UHF
S28	359.25	UHF	359.25	UHF	359.25	UHF	359.25	UHF	359.25	UHF
S29	367.25	UHF	367.25	UHF	367.25	UHF	367.25	UHF	367.25	UHF
S30	375.25	UHF	375.25	UHF	375.25	UHF	375.25	UHF	375.25	UHF
S31	383.25	UHF	383.25	UHF	383.25	UHF	383.25	UHF	383.25	UHF
S32	391.25	UHF	391.25	UHF	391.25	UHF	391.25	UHF	391.25	UHF
S33	399.25	UHF	399.25	UHF	399.25	UHF	399.25	UHF	399.25	UHF
S34	407.25	UHF	407.25	UHF	407.25	UHF	407.25	UHF	407.25	UHF
S35	415.25	UHF	415.25	UHF	415.25	UHF	415.25	UHF	415.25	UHF
S36	423.25	UHF	423.25	UHF	423.25	UHF	423.25	UHF	423.25	UHF
S37	431.25	UHF	431.25	UHF	431.25	UHF	431.25	UHF	431.25	UHF
S38	439.25	UHF	439.25	UHF	439.25	UHF	439.25	UHF	439.25	UHF
S39	447.25	UHF	447.25	UHF	447.25	UHF	447.25	UHF	447.25	UHF
S40	455.25	UHF	455.25	UHF	455.25	UHF	455.25	UHF	455.25	UHF
S41	463.25	UHF	463.25	UHF	463.25	UHF	463.25	UHF	463.25	UHF

CH Number	Cable CHANNEL					
	AUSTRALIA	BAND	CHINA	BAND	AMERICA	BAND
S01	105.25	VHF	112.25	VHF	73.25	VHF
S02	112.25	VHF	120.25	VHF	55.25	VHF
S03	119.25	VHF	128.25	VHF	61.25	VHF
S04	126.25	VHF	136.25	VHF	67.25	VHF
S05	133.25	VHF	144.25	VHF	77.25	VHF
S06	140.25	VHF	152.25	VHF	83.25	VHF
S07	147.25	VHF	160.25	VHF	175.25	VHF
S08	154.25	VHF	224.25	VHF	181.25	VHF
S09	161.25	VHF	232.25	VHF	187.25	VHF
S10	168.25	VHF	240.25	VHF	193.25	VHF
S11	231.25	VHF	248.25	VHF	199.25	VHF
S12	238.25	VHF	256.25	VHF	205.25	VHF
S13	245.25	VHF	264.25	VHF	211.25	VHF
S14	252.25	VHF	272.25	VHF	121.25	VHF
S15	259.25	VHF	280.25	VHF	127.25	VHF
S16	266.25	VHF	288.25	VHF	133.25	VHF
S17	273.25	VHF	296.25	VHF	139.25	VHF
S18	280.25	VHF	304.25	UHF	145.25	VHF
S19	287.25	VHF	312.25	UHF	151.25	VHF
S20	294.25	VHF	320.25	UHF	157.25	VHF
S21	303.25	UHF	328.25	UHF	163.25	VHF
S22	311.25	UHF	336.25	UHF	169.25	VHF
S23	319.25	UHF	344.25	UHF	217.25	VHF
S24	327.25	UHF	352.25	UHF	223.25	VHF
S25	335.25	UHF	360.25	UHF	229.25	VHF
S26	343.25	UHF	368.25	UHF	235.25	VHF
S27	351.25	UHF	376.25	UHF	241.25	VHF
S28	359.25	UHF	384.25	UHF	247.25	VHF
S29	367.25	UHF	392.25	UHF	253.25	VHF
S30	375.25	UHF	400.25	UHF	259.25	VHF
S31	383.25	UHF	408.25	UHF	265.25	VHF
S32	391.25	UHF	416.25	UHF	271.25	VHF
S33	399.25	UHF	424.25	UHF	277.25	VHF
S34	407.25	UHF	432.25	UHF	283.25	VHF
S35	415.25	UHF	440.25	UHF	289.25	VHF
S36	423.25	UHF	448.25	UHF	295.25	VHF
S37	431.25	UHF	456.25	UHF	301.25	UHF
S38	439.25	UHF	x	x	307.25	UHF
S39	447.25	UHF	x	x	313.25	UHF
S40	455.25	UHF	x	x	319.25	UHF
S41	463.25	UHF	x	x	325.25	UHF

CH Number	Cable CHANNEL	
	AMERICA	BAND
S42	331.25	UHF
S43	337.25	UHF
S44	343.25	UHF
S45	349.25	UHF
S46	355.25	UHF
S47	361.25	UHF
S48	367.25	UHF
S49	373.25	UHF
S50	379.25	UHF
S51	385.25	UHF
S52	391.25	UHF
S53	397.25	UHF
S54	403.25	UHF
S55	409.25	UHF
S56	415.25	UHF
S57	421.25	UHF
S58	427.25	UHF
S59	433.25	UHF
S60	439.25	UHF
S61	445.25	UHF
S62	451.25	UHF
S63	457.25	UHF
S64	463.25	UHF
S65	469.25	UHF
S66	475.25	UHF
S67	481.25	UHF
S68	487.25	UHF
S69	493.25	UHF
S70	499.25	UHF
S71	505.25	UHF
S72	511.25	UHF
S73	517.25	UHF
S74	523.25	UHF
S75	529.25	UHF
S76	535.25	UHF
S77	541.25	UHF
S78	547.25	UHF
S79	553.25	UHF
S80	559.25	UHF
S81	565.25	UHF
S82	571.25	UHF
S83	577.25	UHF
S84	583.25	UHF
S85	589.25	UHF
S86	595.25	UHF
S87	601.25	UHF
S88	607.25	UHF
S99	613.25	UHF
S90	619.25	UHF
S91	625.25	UHF
S92	631.25	UHF
S93	637.25	UHF
S94	643.25	UHF
S95	91.25	VHF
S96	97.25	VHF
S97	103.25	VHF
S98	109.25	VHF
S99	115.25	VHF

CATV CH mark (A row) : China area : attach ‘Z’
besides area : attach ‘S’

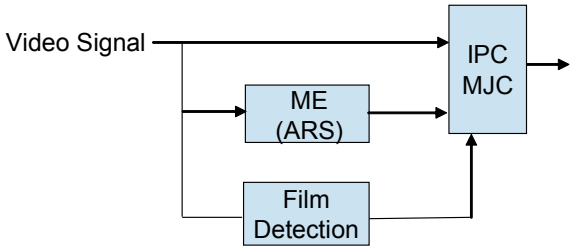
For example) China : Z10
besides area : S10

2-2. MJC : Motion Judder Cancellation

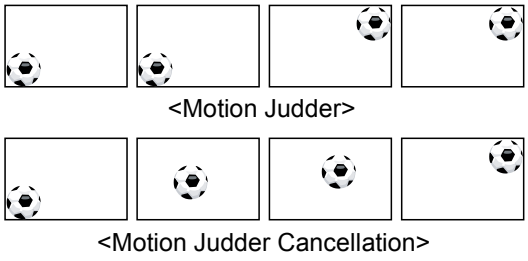
Technology

- Motion Judder cancellation for HD film image.
- Adaptive Recursive Search (ARS)
  - Implementation IPC/MJC at same time
  - Search Range
    - Horizontal : ± 72 Pixel, Vertical : ± 12 Line

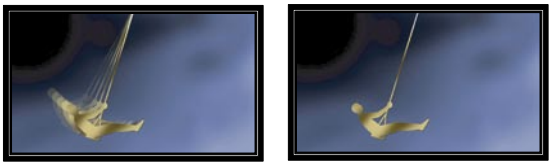
Block Diagram



Example



OFF ON

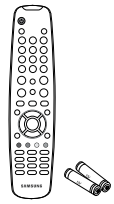
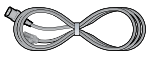
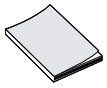
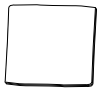


<Motion Judder> <Motion Judder Cancellation>

2-3. Spec Comparison

Model	PEARL (LN46A550P3R)	AMBER (LA46A650A1R)
Design		
Display Type	LCD TV	LCD TV
Resolution	1920 x 1080	1920 x 1080
LCD Panel	TFT LCD Panel 60Hz	TFT LCD Panel 120Hz
Screen Size	46”	46”
Picture ratio	16 : 9	16 : 9
Dimensions (W x H x D)	1,186.0 X 260.0 X 749.4 mm_with stand 1,186.0 X 111.0 X 685.5 mm_without stand	1131.0 x 279.9 x 774.5 mm_with stand 1131.0 x 94.5 x 714.2 mm_without stand
Weight	26.6 kg (SET after installation of Stand) 33.1 kg (Package)	26.6 Kg (SET after installation of Stand) 33.7 Kg (Package)
Brightness	500 nit	500 nit
Contrast Ratio	8000:1	8000:1
Picture Enhacer	DNIe (FBE3)	DNIe (FBE3)
Equalizer	5 Band (100Hz, 300Hz, 1KHz, 3KHz, 10KHz)	5 Band (100Hz, 300Hz, 1KHz, 3KHz, 10KHz)
Auto Motion Plus 120Hz	O	O
Surround Sound	3 Way SRS TruSurround	3 Way SRS TruSurround
Speaker Output	10W + 10W	10W + 10W
Antenna	1 (Cable/Air)	1 (Cable/Air)

2-4. Accessories

Product	Description	Code. No	Remark
	Remote Control & Batteries (AAA x 2)	Refer to each model's BOM	Samsung Electronics Service center
	Power Cord	Refer to each model's BOM	
	Cover-Bottom	Refer to each model's BOM	
	Owner's Instructions	Refer to each model's BOM	
	Cleaning Cloth	Refer to each model's BOM	
	Warranty Card / Registration Card / Safety Guide Manual (Not available in all locations)	Refer to each model's BOM	

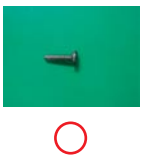
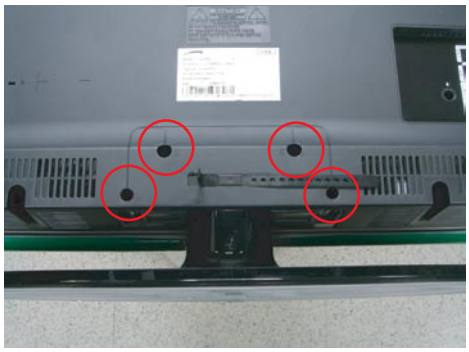
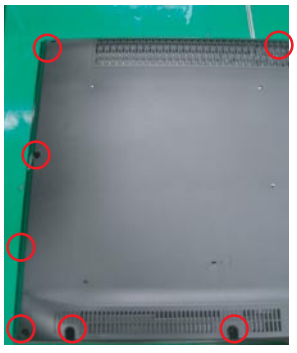
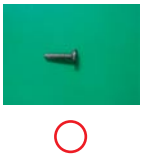
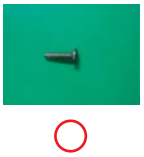
Memo

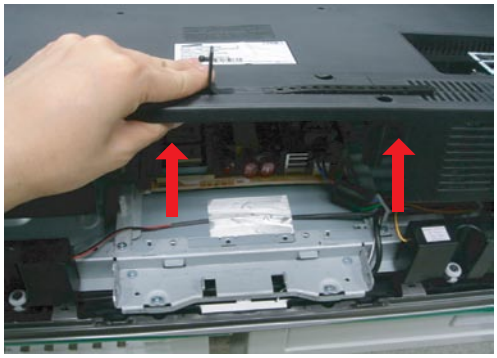
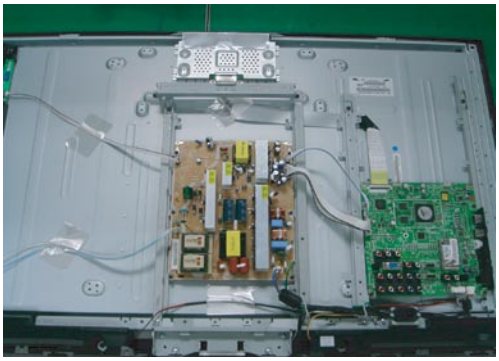
3. Disassembly and Reassemble

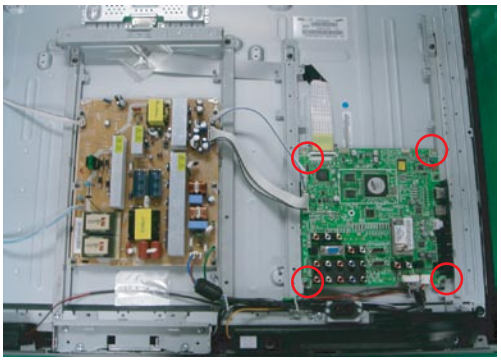
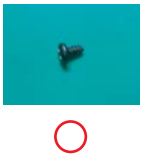
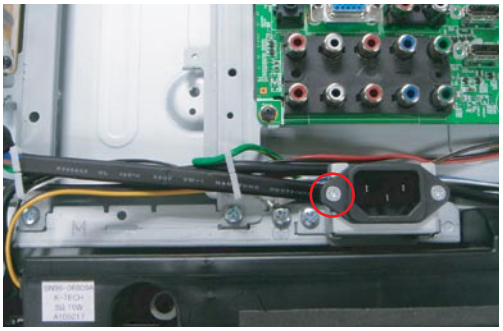
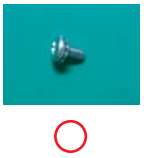
This section of the service manual describes the disassembly and reassembly procedures for the (LN40A550P3R) LCD TV.
⚠ **WARNING:** This LCD TV contains electrostatically sensitive devices. Use caution when handling these components.

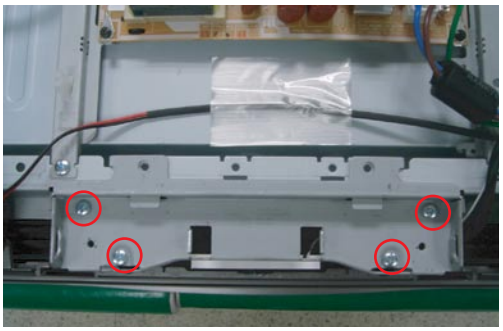
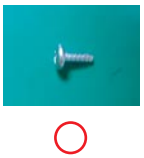
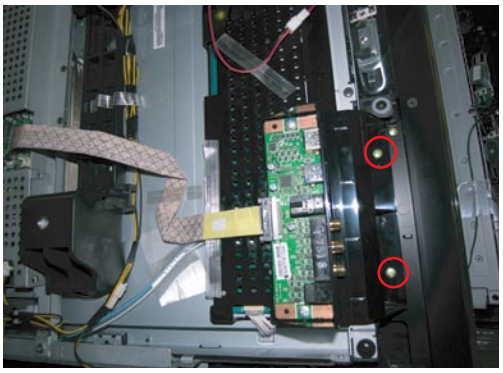
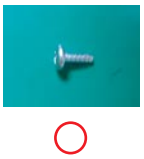
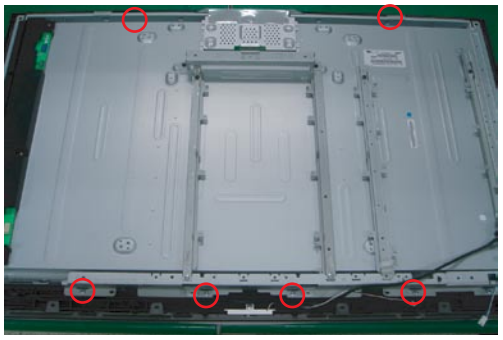
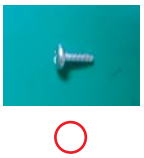
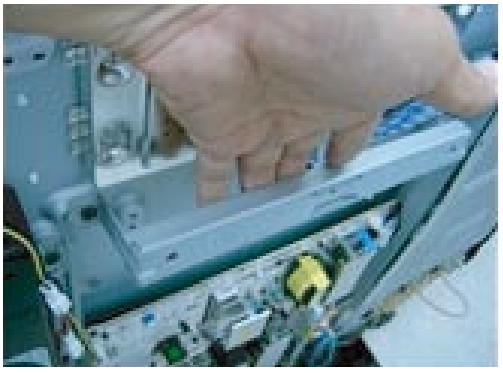
3-1. Disassembly (LN40A550P3R)

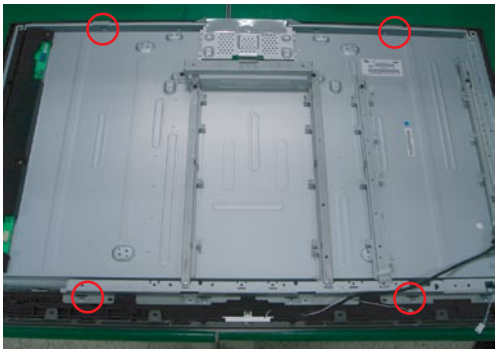
⚠ **Cautions:** 1. Disconnect the TV from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

Description	Picture Description	Screws
1. Place TV face down on cushioned table. Remove screws from the Stand. Remove stand.		
		
2. Remove the screws of rear-cover.		
		

Description	Picture Description	Screws
3. Lift up the rear-cover.		
		

Description	Picture Description	Screws
4. Remove the screws of Main boards.		
5. Remove the screws of Left/Right, Bottom Left/Bottom Right and center woofer speaker.		
		

Description	Picture Description	Screws
6. Remove the screws of Stand BKLT. Lift up the Stand BKLT.		
7. Remove the Side AV Ass'y (only 46")		
8. Remove the Bracket of Boards		 
* Caution: Don't force yourself on wall mount bracket during disassembly. It may be deformationed.		

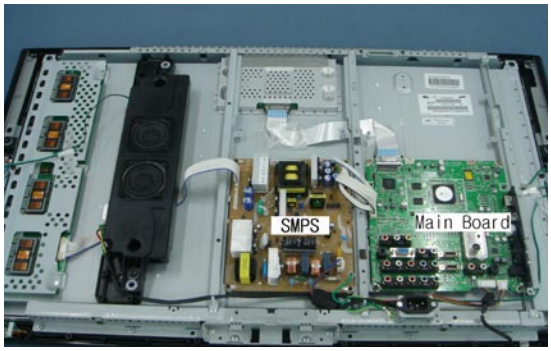
Description	Picture Description	Screws
9. Remove the screws on Panel.	  	 ○

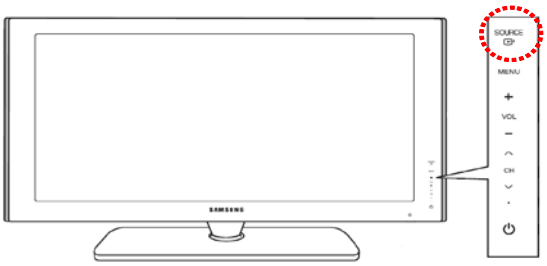
※ Reassembly procedures are in the reverse order of disassembly procedures.

4. Troubleshooting

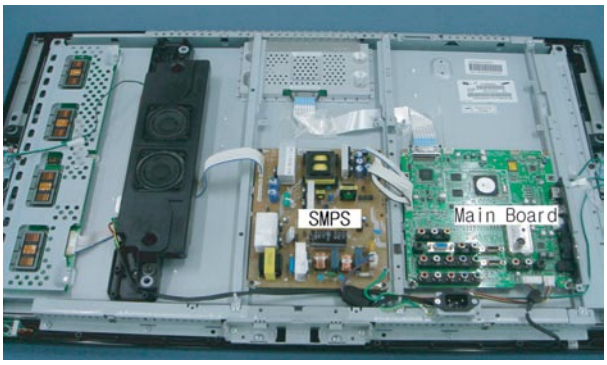
4-1. Troubleshooting

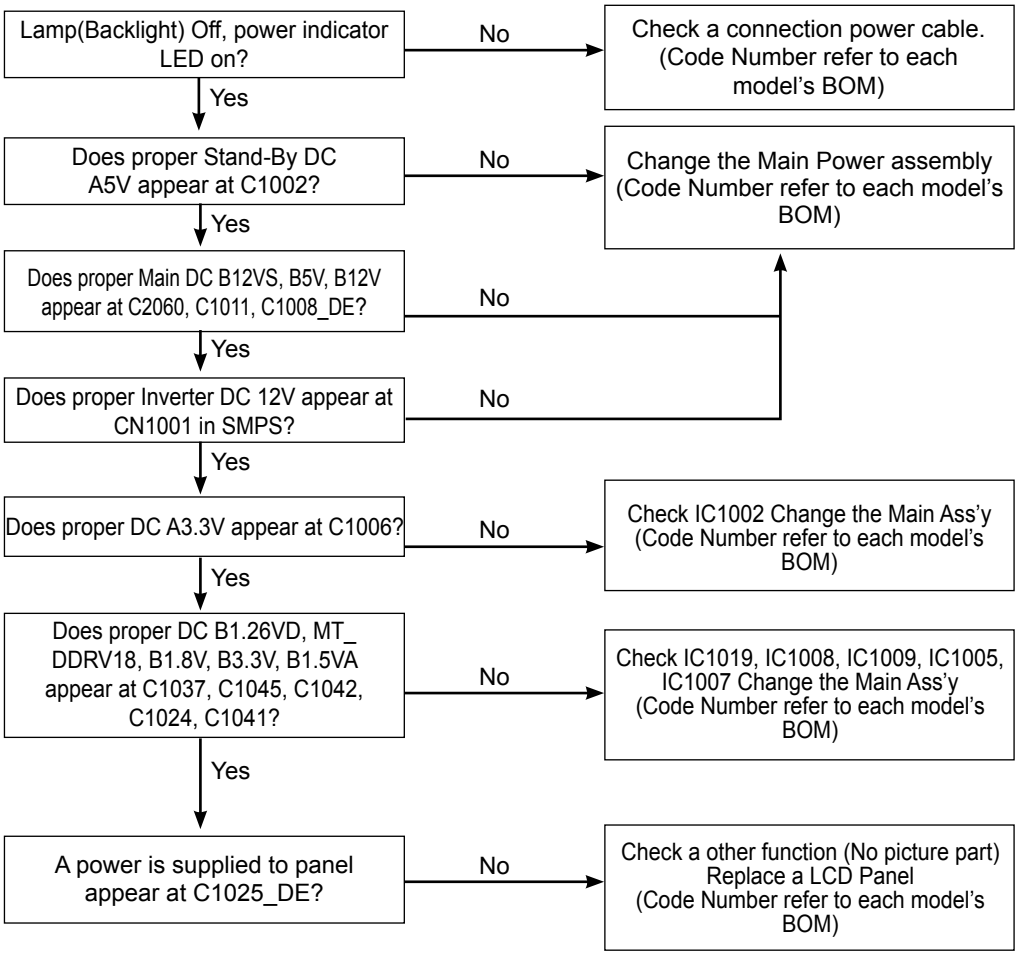
1. Check the various cable connections first.
   • Check to see if there is a burnt or damaged cable.
   • Check to see if there is a disconnected or loose cable connection.
   • Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the Main Board.
3. Check internal Pattern FBE3 if there is some picture noise.
   FBE3: Factory mode(mute 1 - 8 - 2 power on)-> FBE3-> Pattern sel-> Press right button of Remocon.
   Case1: FBE3 NG, change the main board



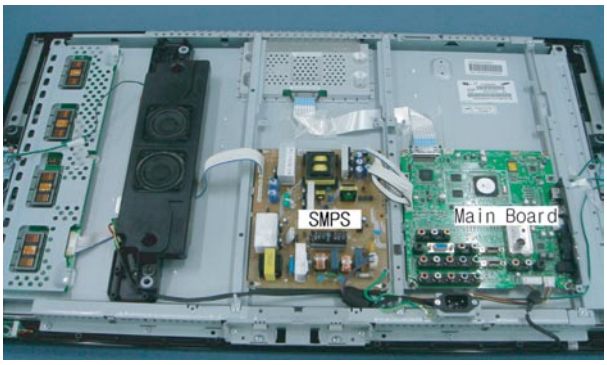


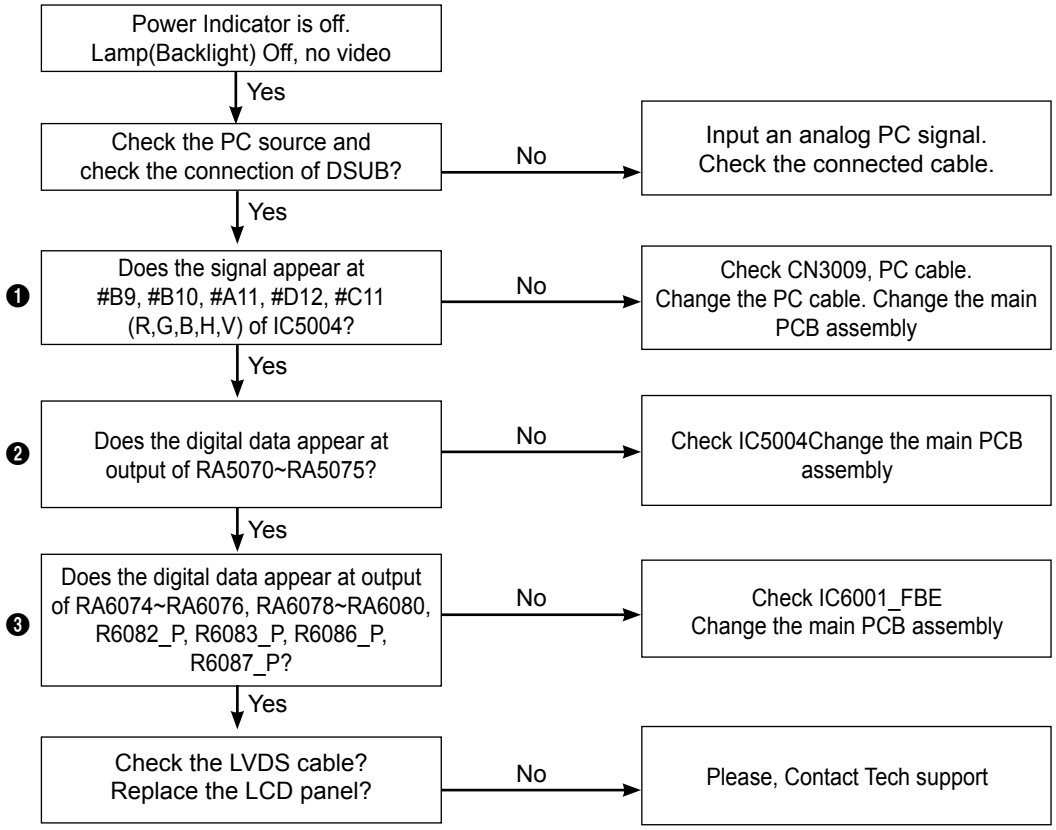
4-1-1. No Power

Symptom	– The LEDs on the front panel do not work when connecting the power cord. – The SMPS / IP Board relay does not work when connecting the power cord. – The units appears to be dead.
Major checkpoints	The SMPS / IP Board relay or the LEDs on the front panel does not work when connecting the power cord if the cables are improperly connected or the Main Board or SMPS is not functioning. In this case, check the following: – Check the internal cable connection status inside the unit. – Check the fuses of each part. – Check the output voltage of SMPS. – Replace the Main Board.
Diagnostics	
Caution	Make sure to disconnect the power before working on the SMPS / IP Board board.



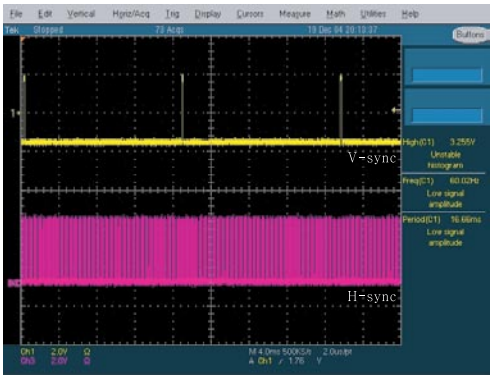
4-1-2. No Video (Analog PC signal)

Symptom	– Audio is normal but no picture is displayed on the screen.
Major checkpoints	– Check the PC source – Check the MT8226 – This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	
Caution	Make sure to disconnect the power before working on the SMPS / IP Board board.

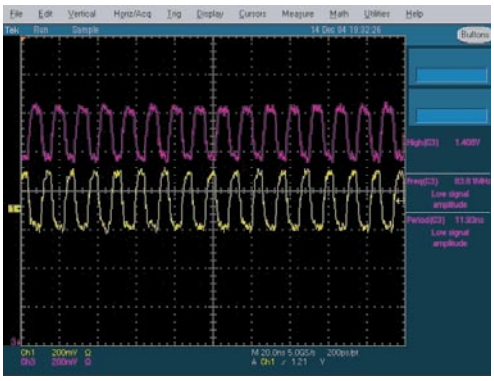


WAVEFORMS

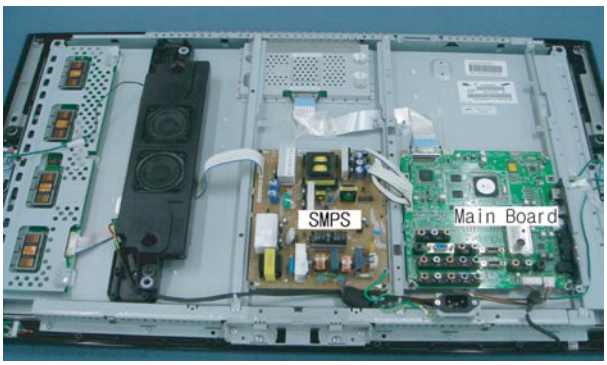
❶ ❷	**PC Input (V-Sync, H-Sync)**

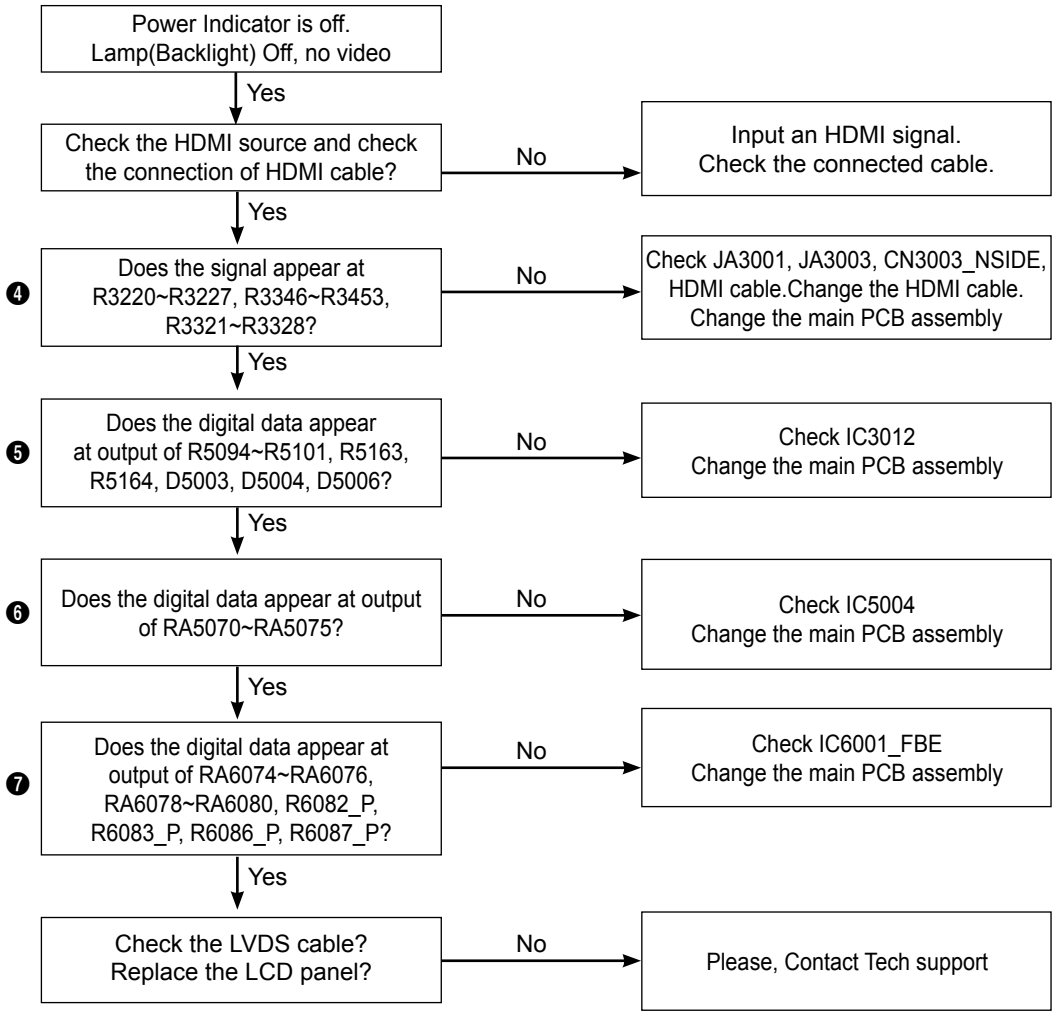


❸	**LVDS Out (CLK + / -)**



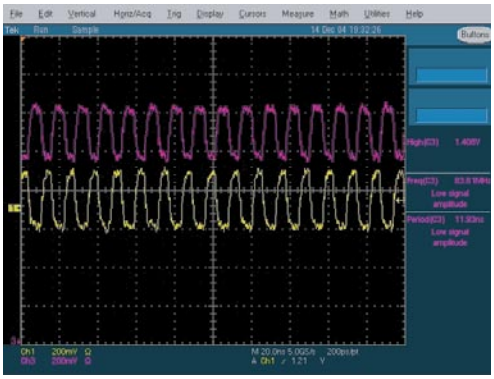
4-1-3. No Video (HDMI - Digital Signal)

Symptom	– Audio is normal but no picture is displayed on the screen.
Major checkpoints	– Check the HDMI source – Check the MT8226 – This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	
Caution	Make sure to disconnect the power before working on the SMPS / IP Board.

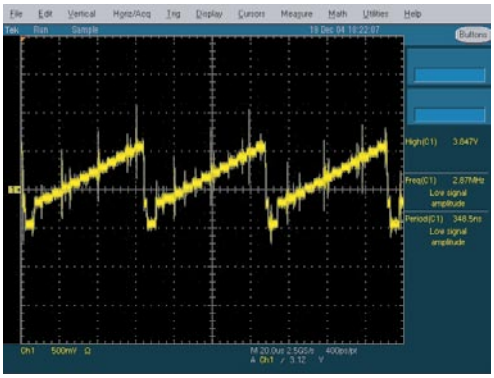


WAVEFORMS

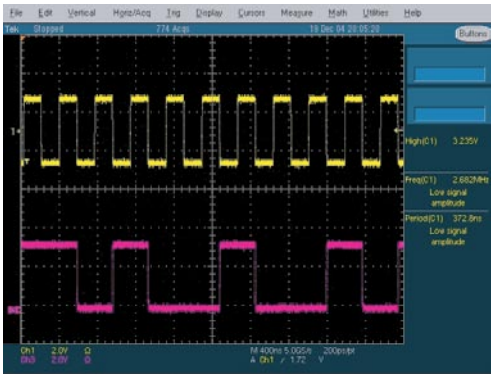
❹ ❺	**HDMI Input (CLK + / -)**



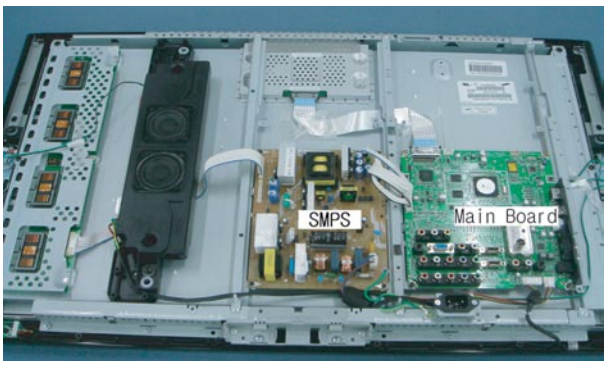
❻	**Tuner CVBS Out (Pattern: Grey Bar)**

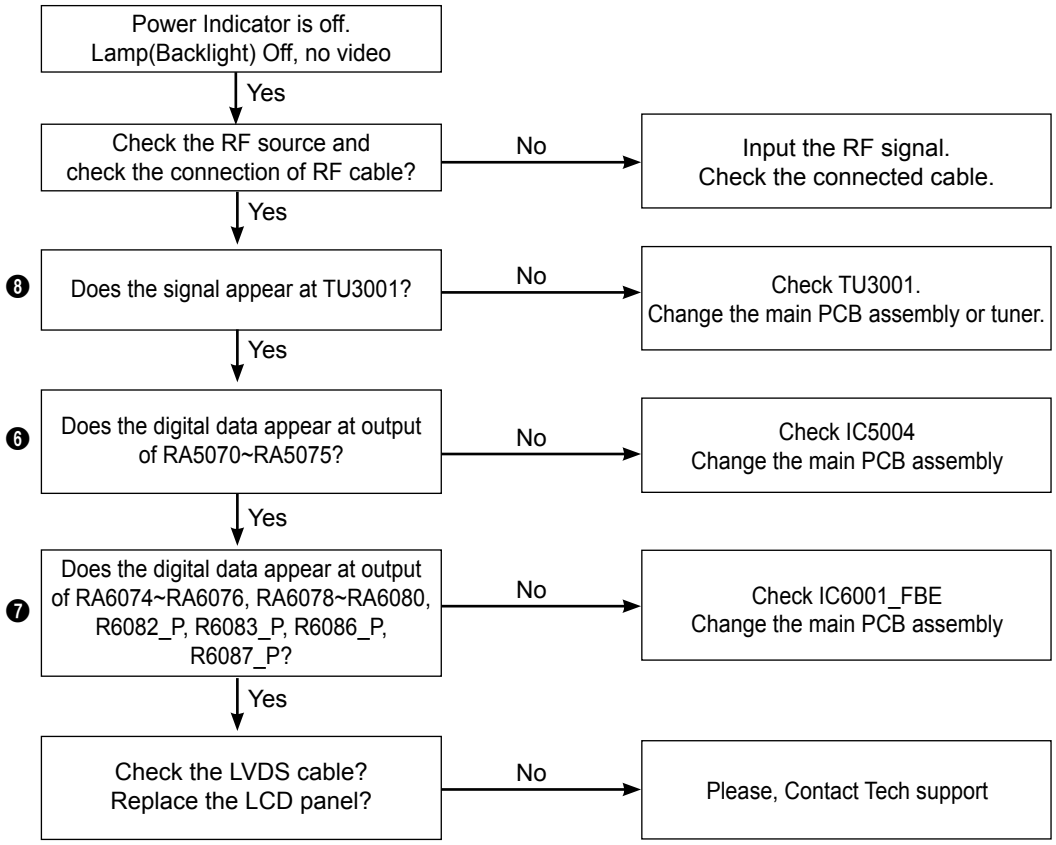


❼	**TS DATA Out (Clk, Data [0])**



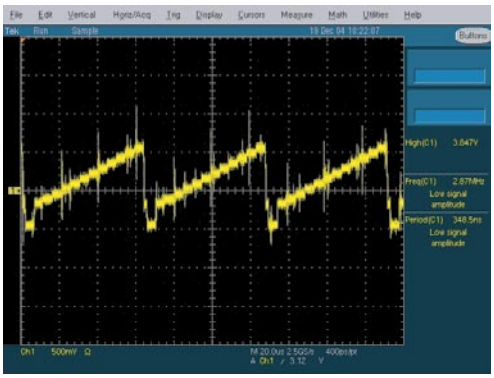
4-1-4. No Video (Tuner_CVBS)

Symptom	– Audio is normal but no picture is displayed on the screen.
Major checkpoints	– Check the Tuner CVBS source – Check the MT8226 – This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	
Caution	Make sure to disconnect the power before working on the SMPS / IP Board.

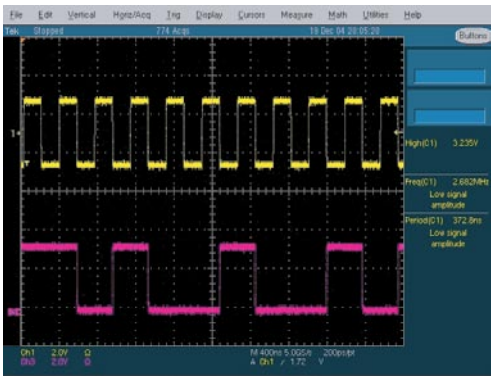


WAVEFORMS

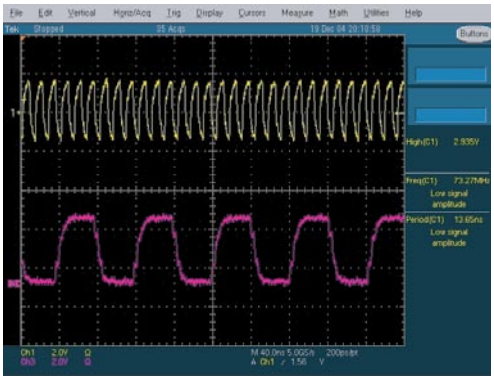
❻	**Tuner CVBS Out (Pattern: Grey Bar)**



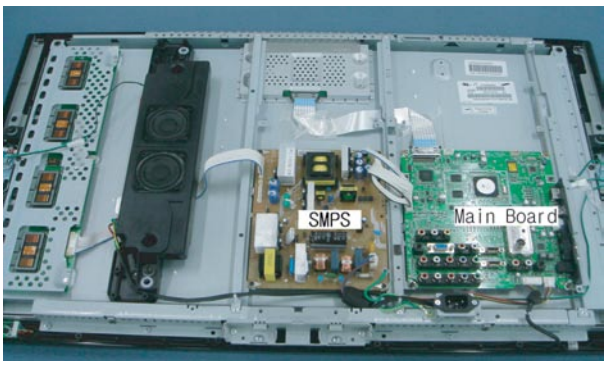
❼	**TS DATA Out (Clk, Data [0])**

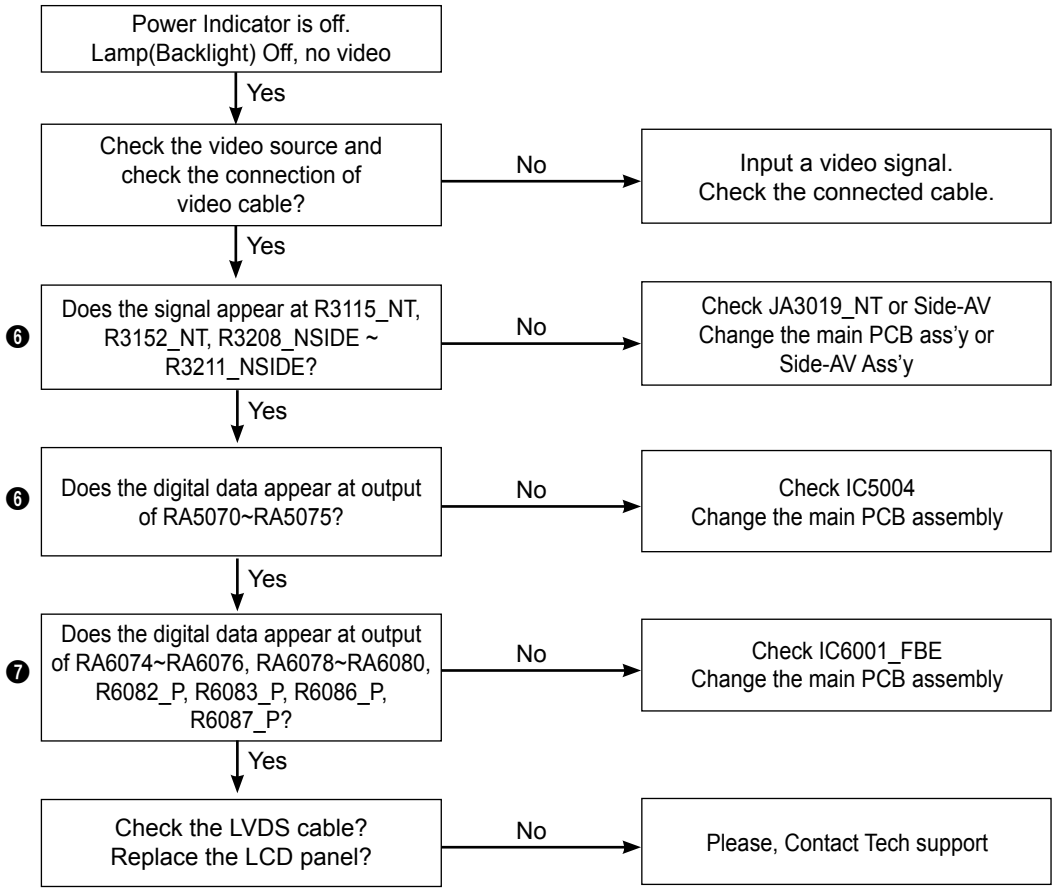


❽	**Eagle+ Out (Clk, H-Sync)**



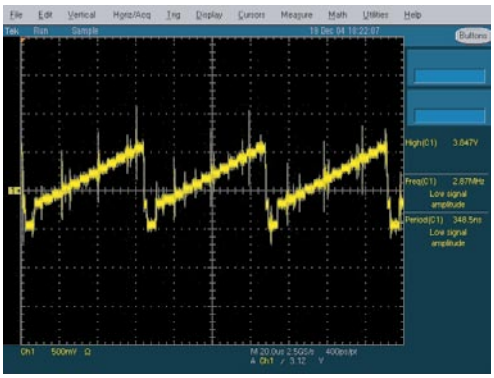
4-1-5. No Video (Video CVBS)

Symptom	– Audio is normal but no picture is displayed on the screen.
Major checkpoints	– Check the Video CVBS source – Check the MT8226 – This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	
Caution	Make sure to disconnect the power before working on the SMPS / IP Board.

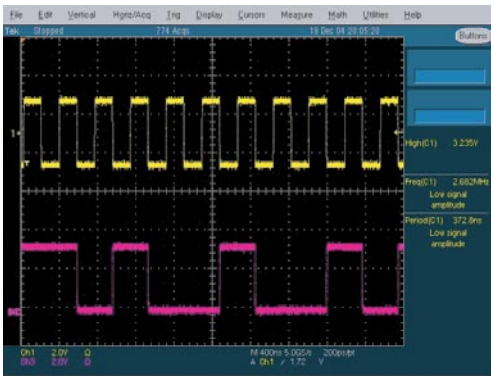


WAVEFORMS

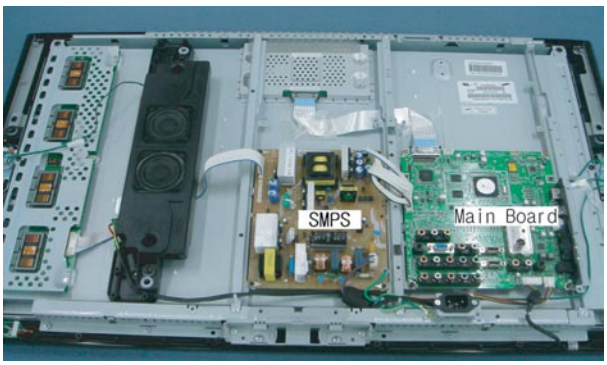
❻	Tuner CVBS Out (Pattern: Grey Bar)



❼	TS DATA Out (Clk, Data [0])



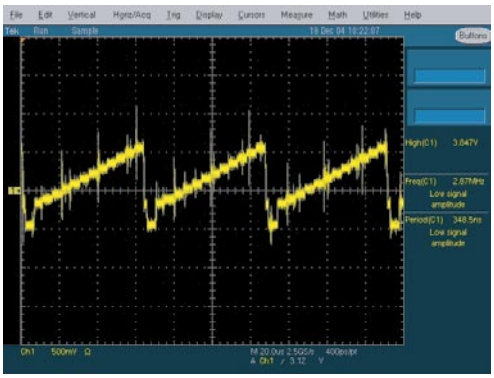
4-1-6. No Video (S-Video)

Symptom	– Audio is normal but no picture is displayed on the screen.
Major checkpoints	– Check the S-Video source – Check the MT8226 – This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	

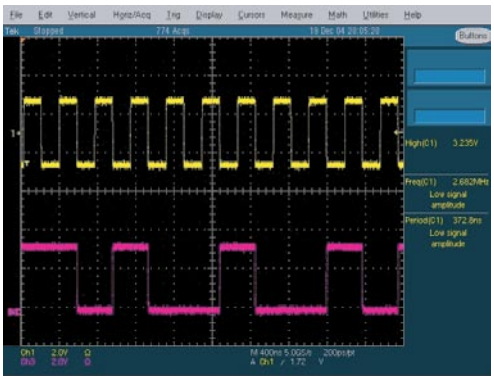
Caution	Make sure to disconnect the power before working on the SMPS / IP Board.

WAVEFORMS

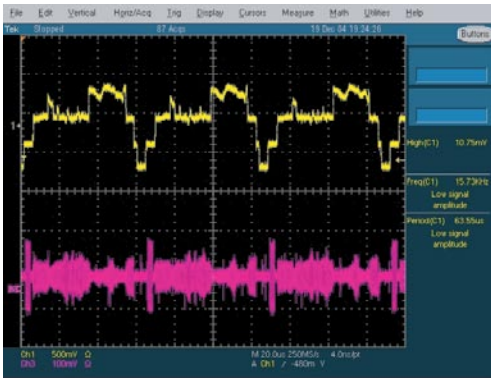
❻	**Tuner CVBS Out (Pattern: Grey Bar)**



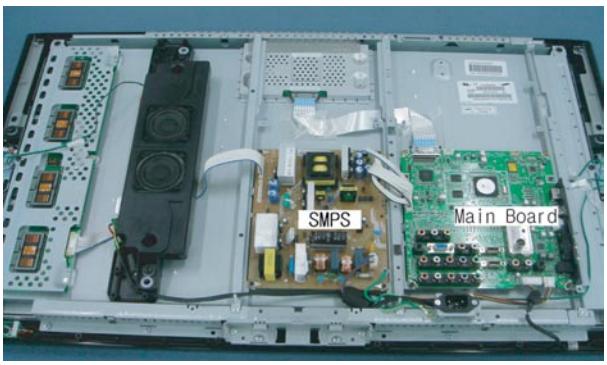
❼	**TS DATA Out (Clk, Data [0])**



❾	**S-VIDEO Input (Y/C)**



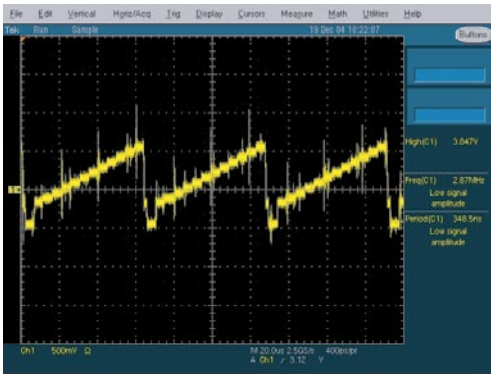
4-1-7. No Video (Component 1, 2)

Symptom	– Audio is normal but no picture is displayed on the screen.
Major checkpoints	– Check the Component source – Check the MT8226 – This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	

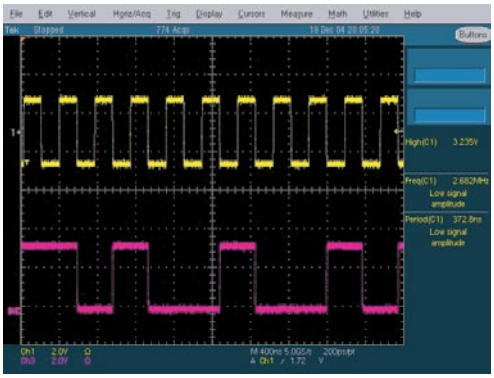
Caution	Make sure to disconnect the power before working on the SMPS / IP Board.

WAVEFORMS

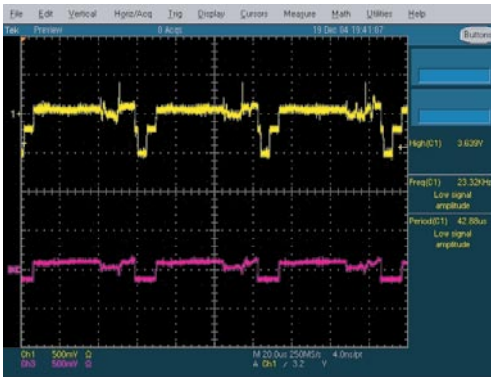
❻	**Tuner CVBS Out (Pattern: Grey Bar)**



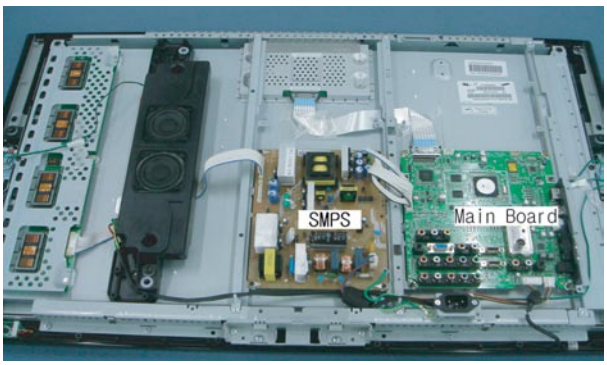
❼	**TS DATA Out (Clk, Data [0])**

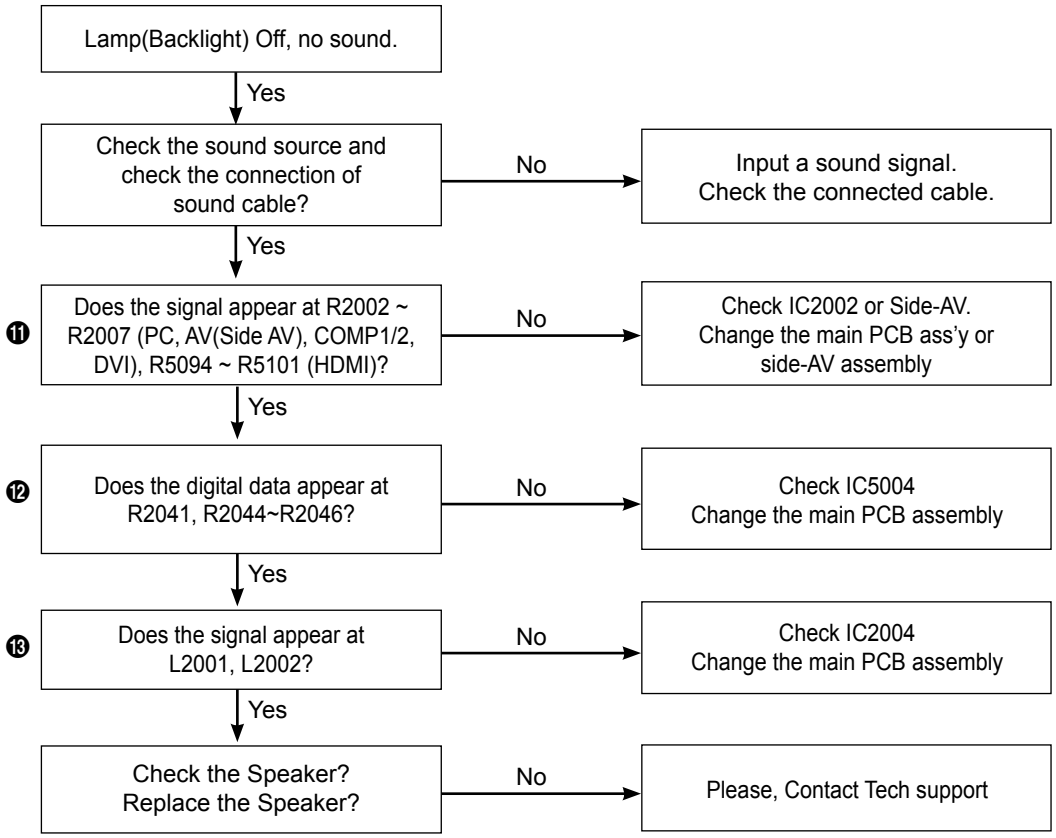


❿	**Component Input (Y/Pb)**



4-1-8. No Sound

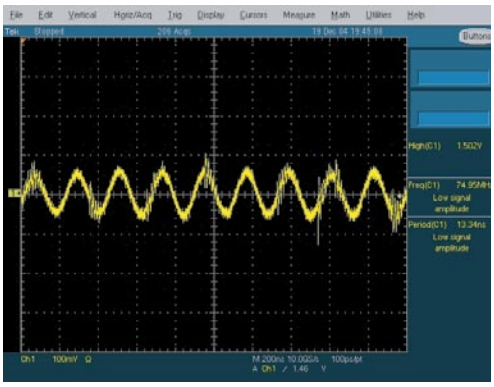
Symptom	– Video is normal but there is no sound..
Major checkpoints	– When the speaker connectors are disconnected or damaged. – When the sound processing part of the Main Board is not functioning. – Speaker defect..
Diagnostics	



Caution	Make sure to disconnect the power before working on the SMPS / IP Board.

WAVEFORMS

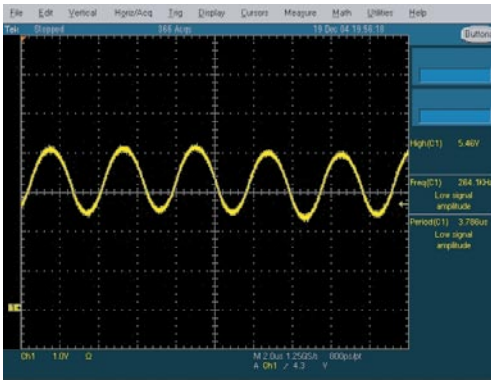
⓫	**Audio Input (Sign Wave)**



⓬	**12S Input (Clk, Data)**



⓭	**Audio Amp Out (Sign Wave)**



4-2. Alignments and Adjustments

4-2-1. General Alignment Instuction

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.

4-3. Factory Mode Adjustments

4-3-1 Entering Factory Mode

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

- If you do not have Factory remote - control

EU/Asia → INFO → MENU → Mute → Power On

S-America → Mute → 1 → 8 → 2 → Power On

4-3-2 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

Panel On Time (Hour) XXXX	XXXX (Source)
Option Table (Service) 20 20 20 20 20 20 20 20 20	
WB Adjust	
Information	
Checksum XXXX	
Advanced Menu	
T-PRLMSAM-0000 (Main Micom Name/Ver) Month / Day / Year / Hour / Min. / Sec. T-PRLPEUS-0000 (Sub Micom Name/Ver) Month / Day / Year / Hour / Min. / Sec.	

- "T_PRLMEAM-0000" and "T_PRLPEUS-0000" are firmware.....

6. Buttons operations withn Service Mode

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

4-3-3 Factory Data

1. Option Table (Service)

Name	Range	
Factory RESET		
Country	GreenGain	
Ready	On/Off	
Panel Inch	19”/22”/23”/26”/27”/32”/37”/40”/42”/46”/50”/52”/57”	
Dimm Type	INT/INT_NEG/EXT_POS/EXT_NEG/EXT	
Panel Type	32AU_AG50_00 / 32AM_AG50_00 / 37AU_AG50_00 / 40CM_AG50_00 / 40AU_AG50_00 / 46CM_AG50_00 / 46AU_AG50_00	
Model Option	TLP_SIDE/CALLA_CHINA/SAFFRON/SAFFRON_CHINA/ CALLA/LILY/BDP_TLP/JASMINE/BDP_CHINA/TLP_CHINA	
Anynet +	On/Off	
Light Effect	On/Off	
TTX	On/Off	
TTX List	Flof / List	
TTX Group	WestEurope/ EastEurope / Russian / Greek / Turkey / Arab/Hbrw / Farsian / Arablic / UserOSD	
Carrier Mute	On/Off	
High Devi	On/Off	
Volume Table	Small / Large	
Hot Plug	On/Off	
Clock Control	On/Off	
Hot Plug Dly	3-50	
Auto Power	On/Off	
LNA	On/Off	
Hotel Option	Hotel Mode Power On Channel Power On Band Power On Volume Max Volume Local Key Lock Power On Source	On/Off 2-69 STD 0-100 0-100 On/Off “TV / AV1 / AV2 / S-Video / Component1 / Component2 / PC / HDMI1/ HDMI2 / HDMI3 / HDMI4 / Bypass”

Gamma	On/Off	
PC Ident	On/Off	
Language	French / Spanish / Portuguese / English	
Channel Table	SUWON / TTSEC / SEIN / SDMA / TSE / SAVINA	
DDR	QIMONDA / SAMSUNG	
Shop Mode	On/Off	
Nordic	On/Off	
NT Conversion	Defect Log	
Control	WM Calib EDID Protect EDID Type EDID Write WB Data EEPROM Reset Logic Download Uart Select USB	Defect Log 0 Defect Log 0 128 Defect Log Defect Log On/Off
PDP Filter	42EA MRT	
PDP Group	C4E RMA	
Spread Spectrum	Spread Spectrum Step 480i/576i Range 480i/576i Step 480p/576p Range 480p/576p Step 720p Range 720p Step 1080i Range 1080i Step 640*480 Range 640*480 Step 800*600 Range 800*600 Step 1024*768 Range 1024*768 Step 1360*768 Range 1360*768 FBE_Spectrum	On/Off 0-255 0-80 0-255 0-80 0-255 0-80 0-255 0-80 0-255 0-80 0-255 0-80 0-255 0-80 0-255 0-80 123

2. WB Adjust

1) Calibration

Name	Range
AV Calibration	Failure/Success
DTV Calibration	Failure/Success
PC Calibration	Failure/Success
HDMI Calibration	Failure/Success

2) White Balance

Name	Range
SubBright	0-255
Roffset	0-255
Goffset	0-255
Boffset	0-255
SubContrast	0-255
Red Gain	0-255
Green Gain	0-255
Blue Gain	0-255

3) EPA Standard

Name	Range
S.Contrast	0-100
S.Brightness	0-100
S.Sharpness	0-100
S.Color	0-100
S.tint	0-100
S.Backlight	0-10

4) Movie W/B

Name	Range
W/B MOVIE	On / Off
Mode	Movie / Dynamic
Color Tone	“Normal / Warm1 / Warm2 / Cool1 / Cool2”
MSub Contrast	0-255
MSub Brightness	0-255
Cool2 R Gain	0-255
Cool2 B Gain	0-255
Cool2 R Offset	0-255
Cool2 B Offset	0-255
Normal R Gain	0-255
Normal B Gain	0-255
Normal R Offset	0-255
Normal B Offset	0-255
Warm1 R Gain	0-255
Warm1 B Gain	0-255
Warm1 R Offset	0-255
Warm1 B Offset	0-255
Warm2 R Gain	0-255
Warm2 B Gain	0-255
Warm2 R Offset	0-255
Warm2 B Offset	0-255
Mov. Contrast	100
Mov. Brightness	45
Mov. Color	55
Mov. Sharpness	75
Mov.tint	50
Mov.Backlight	10
Mov.Gamma	“Off / 0.85 / 0.90 / 0.92 / 0.94 / 0.98 / 1.05 /”

3. Information

CheckSum

4. Advanced Menu

MT8226

Cal. Adjustment

Name	Range	Value
R_Offset	0-128	128
G_Offset	0-128	128
B_Offset	0-128	128
R_Gain	0-128	128
G_Gain	0-128	128
B_Gain	0-128	128
Y_Offset	0-128	128
Cb_Offset	0-128	128
Cr_Offset	0-128	128
Y_Gain	0-255	128
Cb_Gain	0-255	128
Cr_Gain	0-255	128
CVBS Offset	0-255	89
CVBS Gain	0-255	128
Red OFFSET	0-255	128
Green OFFSET	0-255	128
Blue OFFSET AFTER	0-255	128
RED GAIN	0-255	128
GREEN GAIN	0-255	128
BLUE GAIN	0-255	128

Cal. Target

Name	Range	Value
AV OFFSET	0-255	16
AV Delta	0-255	3
AV Gain	0-255	220
Y_Offs	0-255	16
Y Delta	0-255	3
Y Gain	0-255	235
PC Offset	0-255	1
PC Delta	0-255	3
PC Gain	0-255	254
2nd Offset	0-255	2
2nd Delta	0-255	1
2nd Gain	0-255	235

TVD/Comb

Name	Range	Value
Manual AGC	On/Off	off
MIN_HWIDTH	0-15	7
MAX_HWIDTH	0-63	20
TH_HIGH	0-255	7
TH_SUPER	0-255	26
Color System		3
Noise level		1

IPC/MJC

Name	Range	Value
IPC_Film	0	0
MJC_Film	0	0
MJC Status	0	0
Rand X Gain L	0-255	1
Rand Y Gain L	0-255	1
Vsi X Gain L	0-255	2
Vsi Y Gain L	0-255	2
Fbck Vsi Th L	0-255	7
Fbck Vsi Th2 L	0-255	14
Mv DownScale L	0-5	0
Rand X Gain M	0-255	2
Rand Y Gain M	0-255	2
Vsi X Gain M	0-255	3
Vsi Y Gain M	0-255	3
Fbck Vsi Th M	0-255	11
Fbck Vsi Th2 M	0-255	21
Mv DownScale M	0-5	0
Rand X Gain H	0-255	3
Rand Y Gain H	0-255	3
Vsi X Gain H	0-255	4
Vsi Y Gain H	0-255	4
Fbck Vsi Th H	0-255	14
Fbck Vsi Th2 H	0-255	28
Mv DownScale H	0-5	0

Picture enhance

Name	Range	Value
Low Gain	0-255	64
Middle Gain	0-255	66
High Gain	0-255	67
Local Low	0-255	74
Local Middle	0-255	112
Local High	0-255	96
Gain1	0-255	0
Gain2	0-255	0
Gain3	0-255	0
Gain4	0-255	5
Gain5	0-255	10
Gain6	0-255	4
Gain7	0-255	3
Gain8	0-255	13
LTI_Gain	0-255	2
ECTI_Gain	0-255	5
SCTI_Cgain	0-255	4
SCTI_Fgain	0-255	20
Color_mid_value	0-255	149

Option Block

FBE3

Name	Range	Value
Patt-Sel	Test Pattern (0 ~ 20)	0
B-Slope gain	0-255	60
B-Tilt min	0-255	30
B-Tilt max	0-255	110
Lfunc-Basis	0-255	75
Hfunc-Basis	0-255	80
Mean-Offset1	0-255	30
Mean-Offset2	0-255	235
Mean-Slope	0-255	112
ACR-Offset	0-255	10
ACR-Th1	0-255	10
ACR-Th2	0-255	110
Skin-Enable	On/Off	On
Skin-Uv	0-255	110
Sub color	0-255	110
M-Skin-UV	0-255	128
M Sub color	0-255	128

FRCM

Name	Range	Value
FW Version	32”	32”
EEPROM State		
Spread Spectrum		
SS Width	0-255	20
SS Freq	0-255	60
TP Before DDR	0-255	0
TP After DDR	0-255	0
FMD DEMO		
Video L Jud	0-255	0
Video M Jud	0-255	0
Video H Jud	0-255	0
SD FilmL22Jud	0-255	13
SD FilmL32Jud	0-255	13
SD FilmM22Jud	0-255	8
SD FilmM32Jud	0-255	10
SD FilmH22Jud	0-255	3
SD FilmH32Jud	0-255	5
HD FilmL22Jud	0-255	13
HD FilmL32Jud	0-255	13
HD FilmM22Jud	0-255	8
HD FilmM32Jud	0-255	10
HD FilmH22Jud	0-255	3
HD FilmH32Jud	0-255	5

Pdp logic

Name	Range	Value
Patt-Sel	0	0
FRC Mode	32”	32”
FRC DBG MarkOn	0	0
FRC Bypass	32”	32”
FRC MV Force	32”	32”
MB SW	32”	32”
MB Offset1	0	0
Ve Sig Control	0	0

Checksum 00 00

Panel Type 00

Panel Inch 00 SD

Panel Version N/A

Logic Sw Ver. 00Y 00M 00D

Panel Temp

Sound

Name	Range	Value
AM_mute Th_High	0-20	9
AM_mute Th_Low	0-20	8
FM_mute Th_High	0-96	14
FM_mute Th_Low	0-96	6
NICAM Fine VOL	0-40	20
FM FINE VOL	0-40	20
AM FINE VOL	0-40	19
Fine Tune Vol	0-40	20
SC1 Fine Vol	0-40	20
SC2 Fine Vol	0-40	20
Output Matrix	Bypass / L Mono / R Mono	Bypass
Num Check	0-80	50
Pilot Num	0-50	35
Pilot Low	64-134	112
Pilot High	89-160	128
SAP Num	0-50	20
SAP Low	69-132	101
SAP High	101-202	167
SAP Mute Lvl	0-100	0
Fine Vol	0-40	20
SAP Fine Vol	0-40	20
FM Mute Th_H	0-150	58
FM Mute Th_L	0-150	58
MNSelect	128	128
AMP Master Vol.	0-48	30
AMP PWM Mod.	128-254	254
DRC Thresh.	0-127	17
Speaker EQ	On/Off	On

YC Delay

Name	Range	Value
RF PAL-B/G	0-10	6
RF PAL-D/K	0-10	5
RF PAL- I	0-10	5
RF PAL- L/L’	0-10	5
RF SECAM-B/G	0-10	7
RF SECAM-D/K	0-10	5
RF SECAM-I	0-10	5
RF SECAM-L/L’	0-10	5
RF NTSC3.58	0-10	5
RF NTSC4.43	0-10	6
RF PAL-M	0-10	7
RF PAL-N	0-10	5
AV PAL	0-10	6
AV SECAM	0-10	7
AV NTSC3.58	0-10	6
AV NTSC4.43	0-10	6
AV PAL60	0-10	5
AV PAL-M	0-10	7
AV PAL-N	0-10	5

Adjust

Name	Range	
User Control Init	TTX PWM	0-255
	Dyn. Contrast	0-255
	Dyn. Brightness	0-255
	Dyn. Color	0-255
	Dyn. Sharpness	0-255
	Std. Contrast	0-255
	Std. Brightness	0-255
	Std. Color	0-255
	Std. Sharpness	0-255
	Melody Volume	0-55
	Brightness Center	0-255
	Contrast Gain	0-255
	DSP Recovery	On/Off
	Sound Delay	0-70

Name	Range	
LNA PLUS	LNA PLUS	On/Off
	NR1_Coring	0-32
	NR2_Coring	0-32
	NR3_Coring	0-32
	NR4_Coring	0-32
	RF_dB0_TH	0-255
	RF_dB1_TH	0-255
	RF_dB2_TH	0-255
	RF_dB3_TH	0-255
Pixel Shift Test	Min / Sec	
Video Mute Time	0-10	
Dynamic Dimming	On / Off	
Dynamic CE	On / Off	
Tuner Select	AUTO / ALPS / ALPS SL / SEMCO / SEMCO SL	
Tuner Top Semco	0-31	
Tuner Top Alps	0-31	
Magazine LNA	On / Off	
Debug	On / Off	
ACR	On / Off	
D-Watch Dog	On / Off	
FBE Select	FBE / FBE2X	
A-Watch Dog	On / Off	
MJC/PDP FRC	All On / All Off / MJC Only / FRC Only	
Visual test	On / Off	
FBE Mute	On / Off	
V-Chip	On / Off	
Caption	On / Off	
Color System	Auto / PAL-M / PAL-N / NTSC-M	

Bus Stop

Name	Range	Value
Main Loop	On / Off	Off
Eeprom	On / Off	Off
Tuner	On / Off	Off
Normal	On / Off	Off
A-Watch Dog	On / Off	On

Defect Log

4-4. White Balance - Calibration

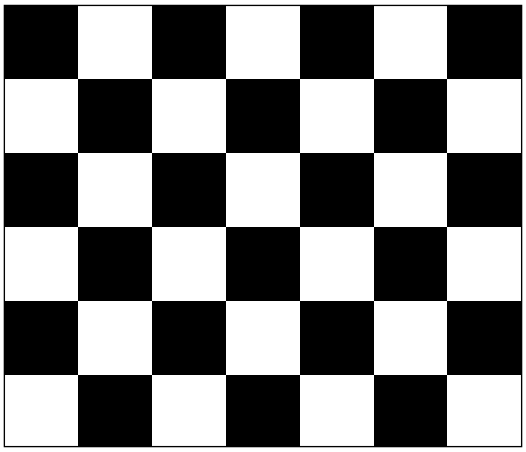
4-4-1 White Balance -Calibration

1. WB Adjust -> Calibration	→ AV Calibration DTV Calibration PC Calibration HDMI Calibration

4-4-2 Service Adjustment - You must perform Calibration in the Lattice Pattern before adjusting the White Balance.

■ Color Calibration

Adjust spec.
1. Source : HDMI
2. Setting Mode : 1280*720@60Hz
3. Pattern : Pattern #24 (Chess Pattern)



(Chess Pattern)

4. Use Equipment : CA210 & Master MSPG925 Generator

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

Input mode	Calibration	Pattern
CVBS IN (Model_#1)	Perform in NTSC B&W Pattern #24	Lattice
Component IN (Model_#6)	Perform in 720p B&W Pattern #24	Lattice
PC Analog IN (Model_#21)	Perform in VESA XGA (1024x768) B&W Pattern #24	Lattice
HDMI IN	Perform in 720p B&W Pattern #24	Lattice

<Table 1>

Caution !!!
You have to check information and resolution with Model Number.
Because each Equipment has different Model Number.

■ Method of Color Calibration (AV)

1) Apply the PAL Lattice (N0. 2) pattern signal to the AV IN 1 port
2) Press the Source key to switch to “AV1” mode
3) Enter Service mode
4) Select “2 WB Adjust” menu.
5) Select the “Calibration” menu
6) Select the “AV Calibration” menu.
7) In “AV Calibration Failure” status, press the “►” key to perform Calibration.
8) When Calibration is complete, it returns to the high-level menu.
9) You can see the change of the “AV Calibration” status from Failure to Success.

■ Method of Color Calibration (Component)

1) Apply the 720p Lattice (N0. 6) pattern signal to the Component IN 1 port
2) Press the Source key to switch to “Component1” mode
3) Enter Service mode
4) Select “2 WB Adjust” menu.
5) Select the “Calibration” menu
6) Select the “DTV Calibration” menu.
7) In “DTV Calibration Failure” status, press the “►” key to perform Calibration.
8) When Calibration is complete, it returns to the high-level menu.
9) You can see the change of the “DTV Calibration” status from Failure to Success.

■ Method of Color Calibration (PC)

1) Apply the VESA XGA Lattice (N0. 21) pattern signal to the PC IN port
2) Press the Source key to switch to “PC” mode
3) Enter Service mode
4) Select “2 WB Adjust” menu.
5) Select the “Calibration” menu
6) Select the “PC Calibration” menu.
7) In “PC Calibration Failure” status, press the “►” key to perform Calibration.
8) When Calibration is complete, it returns to the high-level menu.
9) You can see the change of the “PC Calibration” status from Failure to Success.

■ Method of Color Calibration (HDMI)

1) Apply the 720p Lattice (N0. 6) pattern signal to the HDMI1/DVI IN port
2) Press the Source key to switch to “HDMI1” mode
3) Enter Service mode
4) Select “2 WB Adjust” menu.
5) Select the “Calibration” menu
6) Select the “HDMI Calibration” menu.
7) In “HDMI Calibration Failure” status, press the “►” key to perform Calibration.
8) When Calibration is complete, it returns to the high-level menu.
9) You can see the change of the “HDMI Calibration” status from Failure to Success.

4-4-3 White Balance - Adjustment

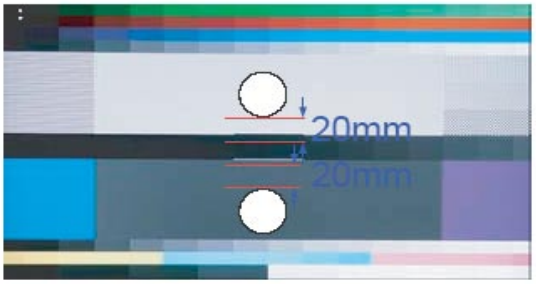
	(low light)	(hight light)
3. White Balance →	Sub Bright Red offset Green offset Blue offset	Sub Contrast Red gain Green gain Blue gain

(W/B adjustment Condition refer next page)

4-5. 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 : Calibration at #24 Chessboard Pattern → Manual adjustment #92 pattern (720p)
COMP: Calibration at #24 Chessboard Pattern → Manual adjustment at #92 pattern (720p)
CVBS: Calibration at #24 Chessboard Pattern → Manual adjustment at #92 pattern (PAL)

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

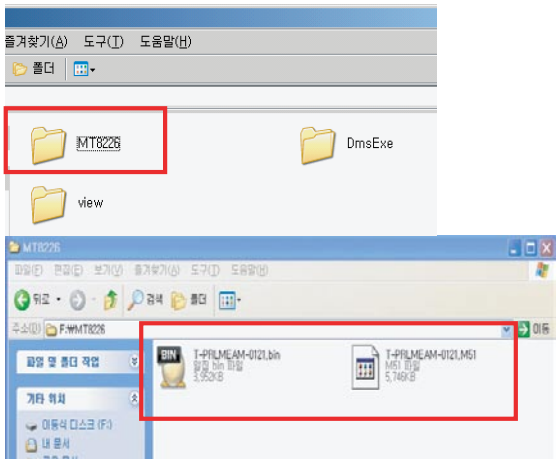
	Adjustment Coordinate				
		x	y	Y(L)	T(K) + MPCD
CVBS (NTSC)	H/L	272	287	- (Sub_CT:132)	11,000 (+10)
	L/L	272	287	12.0cd/m² (3.5 Ft)	11,000 (+10)
COMP (720P)	H/L	272	287	- (Sub_CT:132)	11,000 (+10)
	L/L	272	287	12.0cd/m² (3.5 Ft)	11,000 (+10)
HDMI (720P)	H/L	272	287	- (Sub_CT:132)	11,000 (+10)
	L/L	272	287	12.0cd/m² (3.5 Ft)	11,000 (+10)

- Adjustment Specification
  White Balance : High light (±2), Low light (±3)
  Luminance : High light (Don't care), Low light (±0.2 Ft/L)

4-6. Main S/W Update

4-6-1 USB



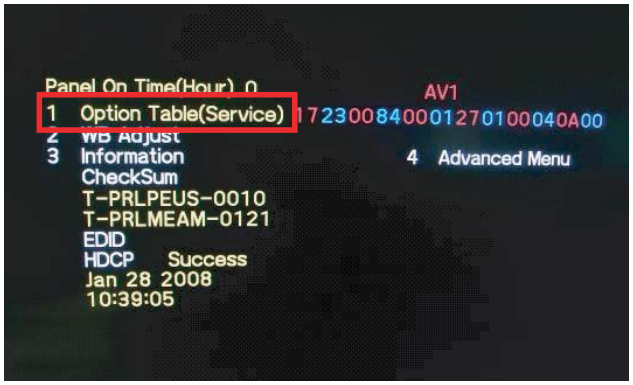


1-1.
Update S/W by using USB 2.0 port.
In USB, make the folder "MT8226" and put to update file in the folder.
- Connect USB to Wiselink (Side AV-USB).

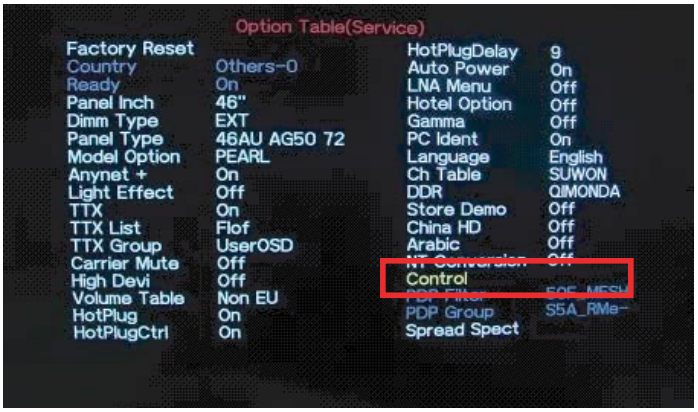
1-2. Enter to Factory Mode

1) On Stand by Mode,
   @ EU / Asia : INFO > Menu > Mute > Power On
   @ S-America : Mute > 1 > 8 > 2 > Power On

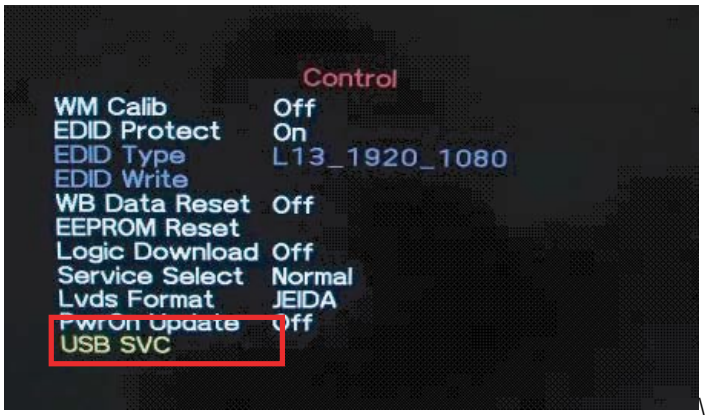
2) With Factory Remote Controller
   Power on Main Board, then press the button (Info + Factory).



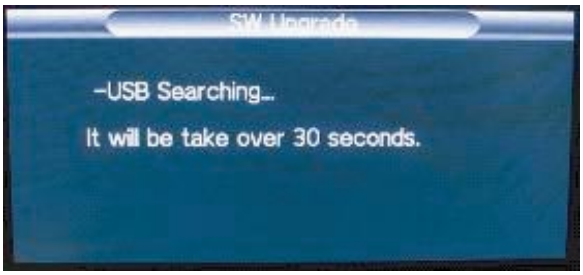
- Select Option Table (Service)



- Select Control



- Select USB SVC





- Select “YES”



- Start Upgrading automatically.

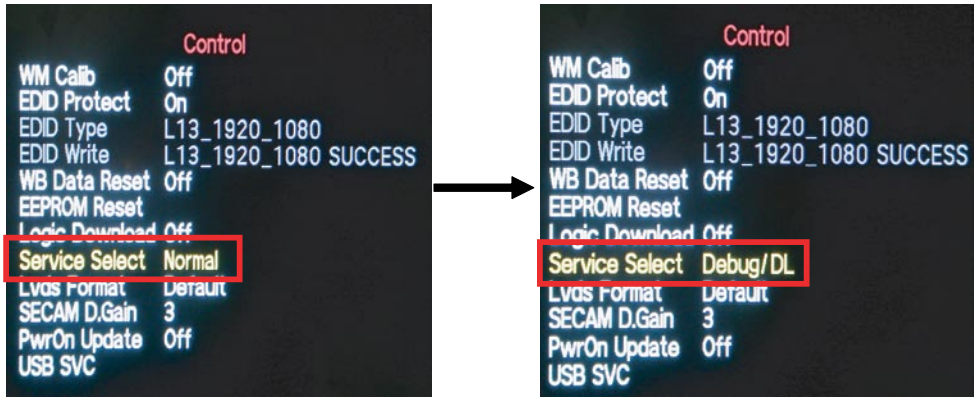
1-3.

- When Upgrading finish, Turn off the Set (waiting a few seconds) and turn on again automatically.

4-6-2 RS-232C

2-1.

- Before S/W Update, set the value “Service Select Debug/DL”
- To set the value, enter to “1.Option Table (Service) -> Control”



2-2.

- Set the value “Debug On”
- To enter “4. Advanced Menu”, we have to press the Password.
  (now, Password is “0000”)
- Turn off (=AC Power off) the Set (waiting a few seconds) and turn on again.



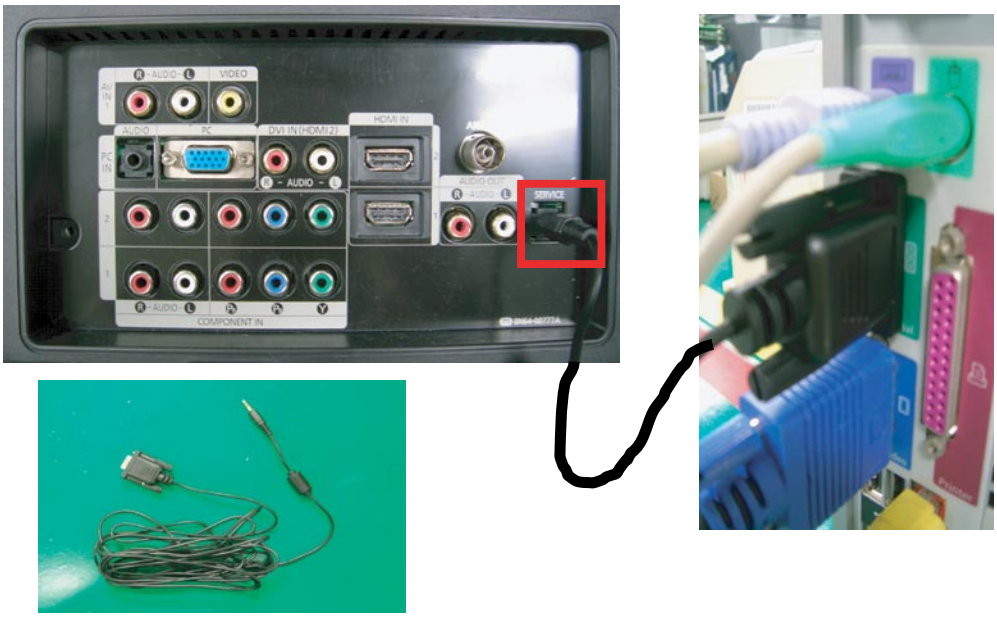
Caution !!! If Debug is on, Wall_Mount is not active.

Debug On : RS-232C (Baudrate=115200 bps) for Debugging

Debug Off : RS-232C (Baudrate=9600 bps) for Wallmount

2-3. Install the MTK Tool

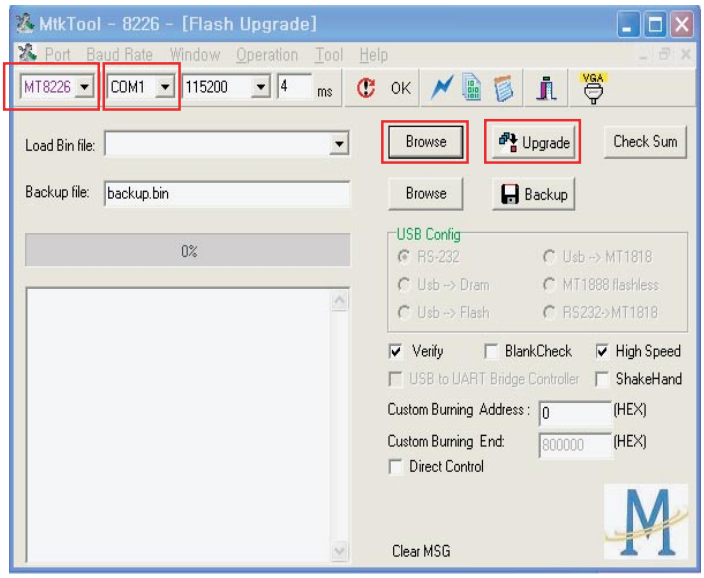
- Connect Set (Service JACK) and JIG Cable to execute Program Update.



JIG Cable (RS-232C cable)

2-4. Turn on the Set (or on Stand by mode)

- Run “MTK Tool”



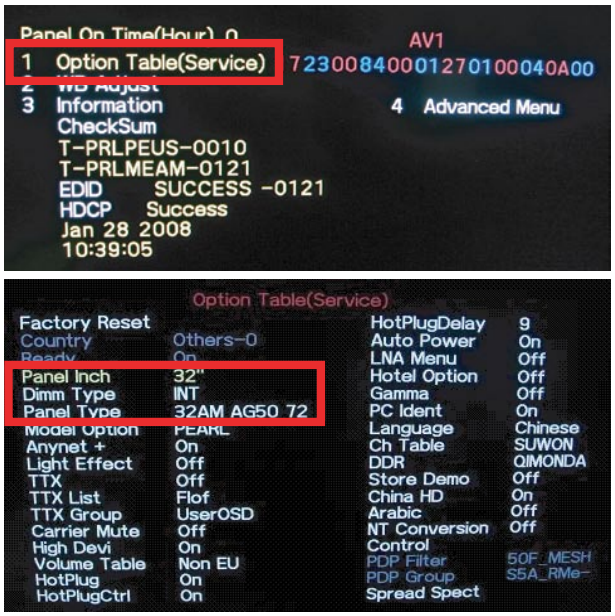
Click Reset
Choose MT8226
Select Com Port
(Auto Detect)
Select Bin file
(to update new S/W version file),
by Browse
Click Upgrade button

2-5. If Upgrade is finished, Turn off (=AC Power off) the Set (waiting a few seconds) and turn on again.

4-6-3 After Main S/W update

3-1.

After S/W Update, set the value “ Panel Inch ”, “ Dimm Type ”, “ Panel Type ” to optimize each Inch SET.



Check the “Panel Type” and Change it ,suitable for Each Panel.

Inch / Vendor / GlassType/Freq./Gamut

Ex) 32 AM AG 50 72

→ 32inch + AMLCD + Anti Glare + 50Hz + 72% Gamut

Check the Dimming Type

: 32”/37” – INT (Internal Dimming)

40”/46” – EXT (External Dimming)

L550 - Panel Inch / Dimm Type / Panel Type

Series	Area	Inch	1’st			2’nd		
			Panel	Panel type	Dimming Type	Panel	Panel type	Dimming Type
550	ASIA	46”	AUO 50Hz 72%AG	46AU_ AG50_00	EXT	CMO 50Hz 72%AG	46CM_ AG50_00	TBD
		40”	CMO 50Hz 72%AG	40CM_ AG50_00	EXT	AMLCD 50Hz 72%AG	40AM_ AG50_00	TBD
		37”	AUO 50Hz 72%AG	37AU_ AG50_00	INT	TBD	TBD	TBD
		32”	AMLCD 50Hz 72%AG	32AM_ AG50_00	INT	AUO 50Hz 72%AG	32AU_ AG50_00	TBD
	China	46”	AUO 50Hz 72%AG	46AU_ AG50_00	EXT	CMO 50Hz 72%AG		
		40”	CMO 50Hz 72%AG	40CM_ AG50_00	EXT	AMLCD 50Hz 72%AG		
		37”	AUO 50Hz 72%AG	37AU_ AG50_00	INT	TBD	TBD	TBD
		32”	AMLCD 50Hz 72%AG	32AM_ AG50_00	INT	AUO 50Hz 72%AG	32AU_ AG50_00	TBD
	Taiwan	46”	AUO 60Hz 72%AG	46AU_ AG60_00	EXT	CMO 60Hz 72%AG	46CM_ AG60_00	TBD
		40”	CMO 60Hz 72%AG	40CM_ AG60_00	EXT	AMLCD 60Hz 72%AG	40AM_ AG60_00	TBD
		32”	AMLCD 60Hz 72%AG	32AM_ AG60_00	INT	AUO 60Hz 72%AG	32AU_ AG60_00	TBD

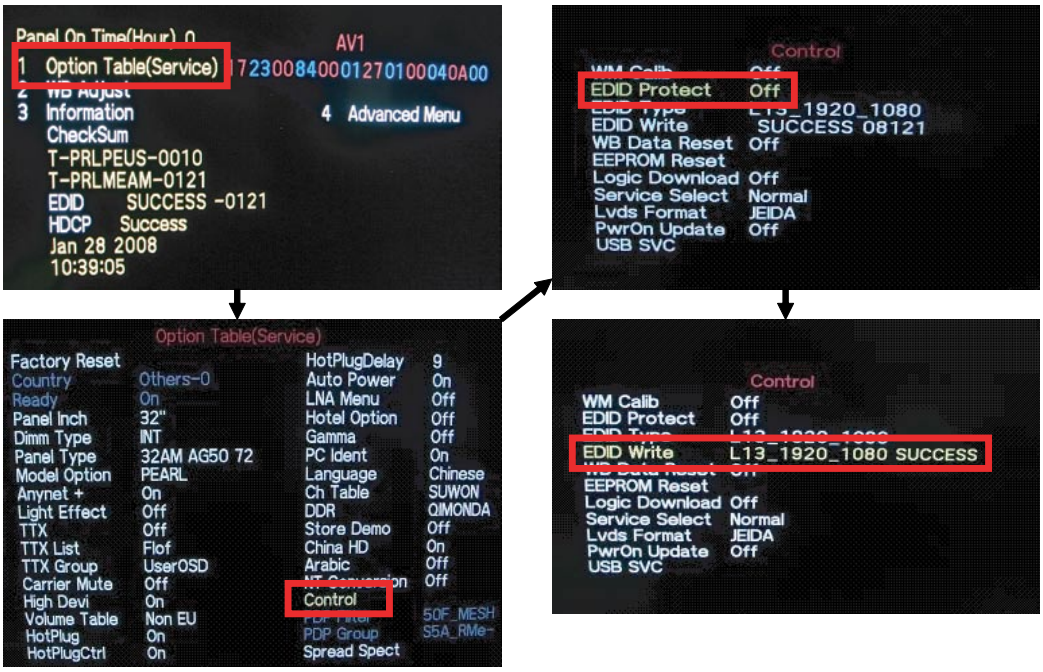
Series	Area	Inch	1'st			2'nd		
			Panel	Panel type	Dimming Type	Panel	Panel type	Dimming Type
550	Brazil	46"	AMLCD 60Hz 72%AG	46AM_ AG60_00	EXT	CMO 60Hz 72%AG	46CM_ AG60_00	TBD
		40"	AMLCD 60Hz 72%AG	40AM_ AG60_00	EXT	CMO 60Hz 72%AG	40CM_ AG60_00	TBD
		32"	AMLCD 60Hz 72%AG	32AM_ AG60_00	INT	AUO 60Hz 72%AG	32AU_ AG60_00	TBD
	Latin America	46"	AMLCD 60Hz 72%AG	46AM_ AG60_00	EXT	CMO 60Hz 72%AG	46CM_ AG60_00	TBD
		40"	AMLCD 60Hz 72%AG	40AM_ AG60_00	EXT	CMO 60Hz 72%AG	40CM_ AG60_00	TBD
		32"	AMLCD 60Hz 72%AG	32AM_ AG60_00	INT	AUO 60Hz 72%AG	32AU_ AG60_00	TBD

L650 - Panel Inch / Dimm Type / Panel Type

Series	Area	Inch	1'st			2'nd		
			Panel	Panel type	Dimming Type	Panel	Panel type	Dimming Type
550	ASIA	52"	AMLCD 100Hz 72% SC	52AM_ SC100_00	EXT	TBD	TBD	TBD
		46"	AMLCD 100Hz 72% SC	46AM_ SC100_00	EXT	CMO 120Hz 72% SC	46CM_ SC100_00	TBD
		40"	AMLCD 100Hz 72% SC	40AM_ SC100_00	EXT	TBD	TBD	TBD
		32"	AMLCD 120Hz 72% SC	32AM_ SC100_00	INT	TBD	TBD	TBD
	Latin America	52"	AMLCD 120Hz 72% SC	52AM_ SC120_00	EXT	TBD	TBD	TBD
		46"	AMLCD 120Hz 72% SC	46AM_ SC120_00	EXT	CMO 120Hz 72% SC	46CM_ SC120_00	TBD
		40"	AMLCD 120Hz 72% SC	40AM_ SC120_00	EXT	TBD	TBD	TBD
		32"	AMLCD 120Hz 72% SC	32AM_ AG50_00	INT	TBD	TBD	TBD
	Taiwan	52"	AMLCD 120Hz 72% SC	52AM_ SC120_00	EXT	TBD	TBD	TBD
		46"	AMLCD 120Hz 72% SC	46AM_ SC120_00	EXT	CMO 120Hz 72% SC	46CM_ SC120_00	TBD
		40"	AMLCD 120Hz 72% SC	46AM_ SC120_00	EXT	TBD	TBD	TBD
		32"	AMLCD 120Hz 72% SC	32AM_ AG50_00	INT	TBD	TBD	TBD

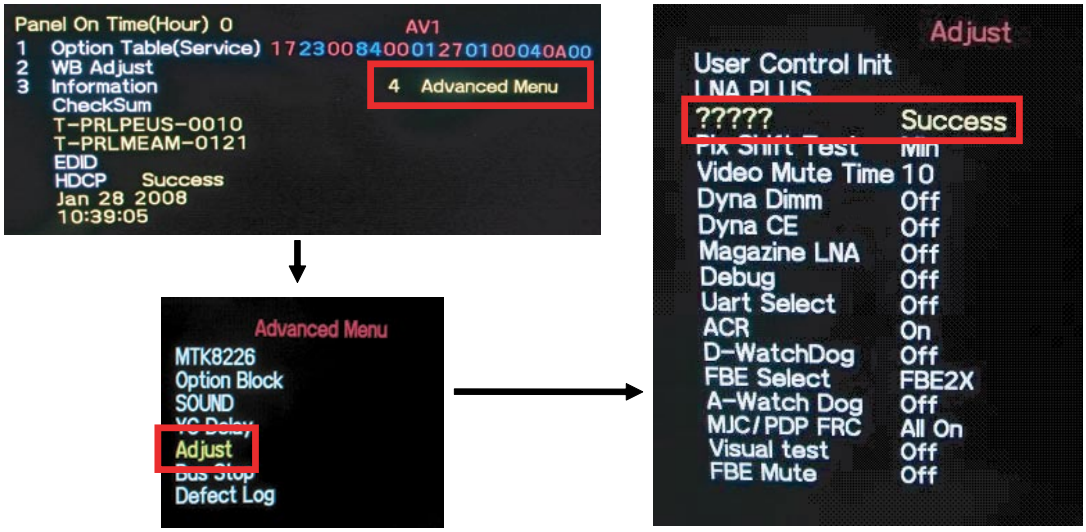
3-2. Self EDID

1) Option Table -> control -> EDID Protect On -> EDID Protect off -> EDID WRITE

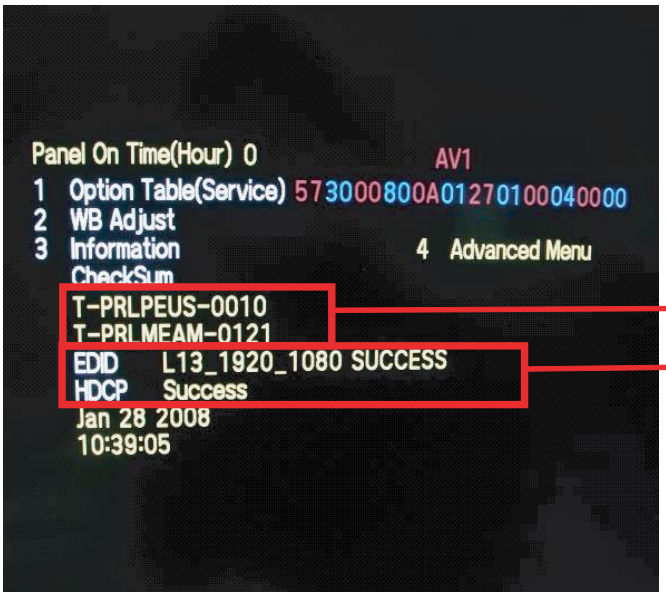


3-3. HDCP

- To enter “4. Advanced Menu”, we have to press the Password. (now, Password is “0000”)
- Find the ????? and press the Enter button in the Remocon.
- Set the value “ Success ”



3-4. If Upgrade is all finished, check this screen.



T-PRLPEUS-0010: Submicom S/W Version

T-PRLMEAM-0121:
Main S/W Version

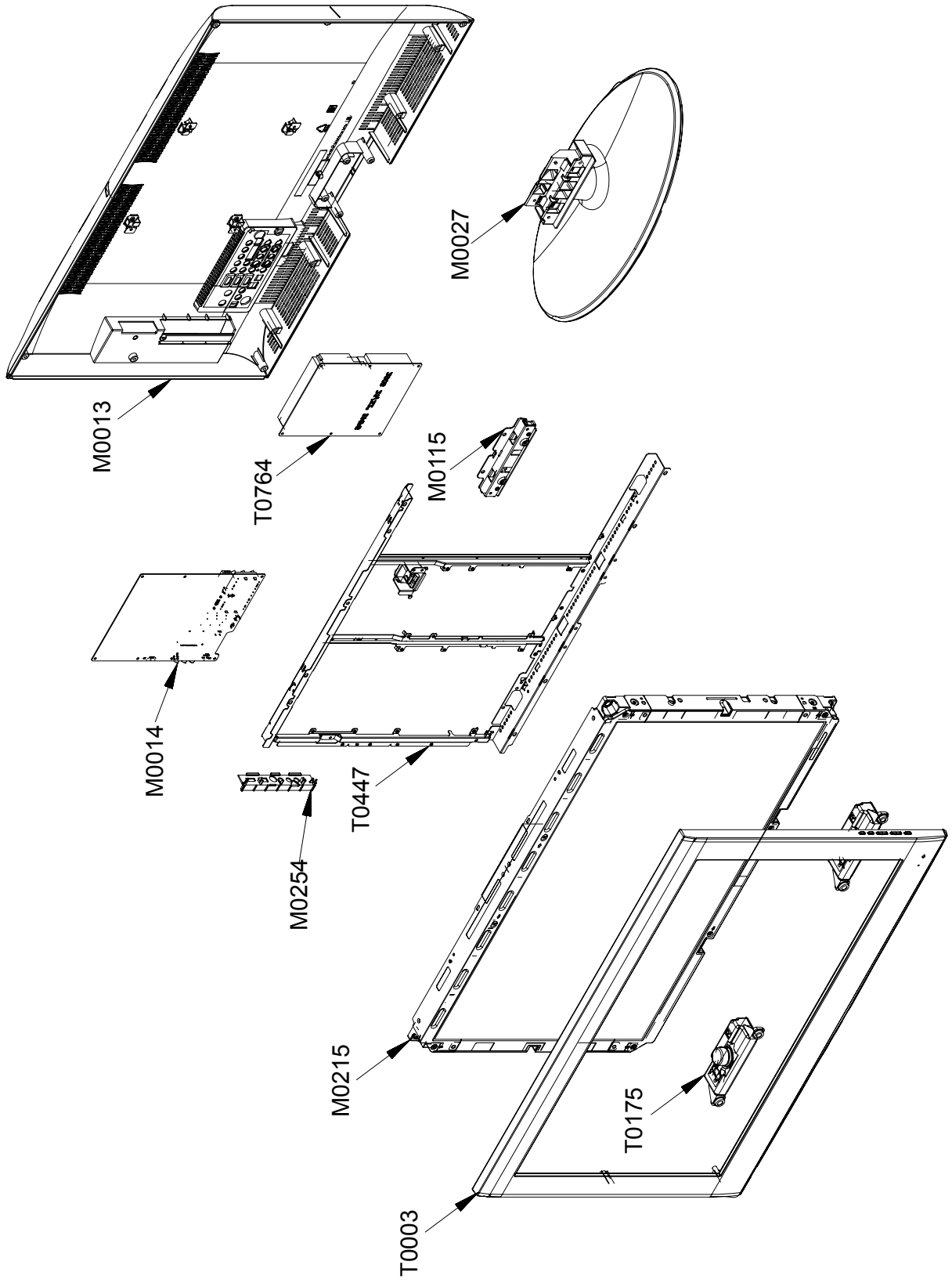
EDID : L13_1920_1080
SUCCESS

HDCP : SUCCESS

Memo

5. Exploded View & Part List

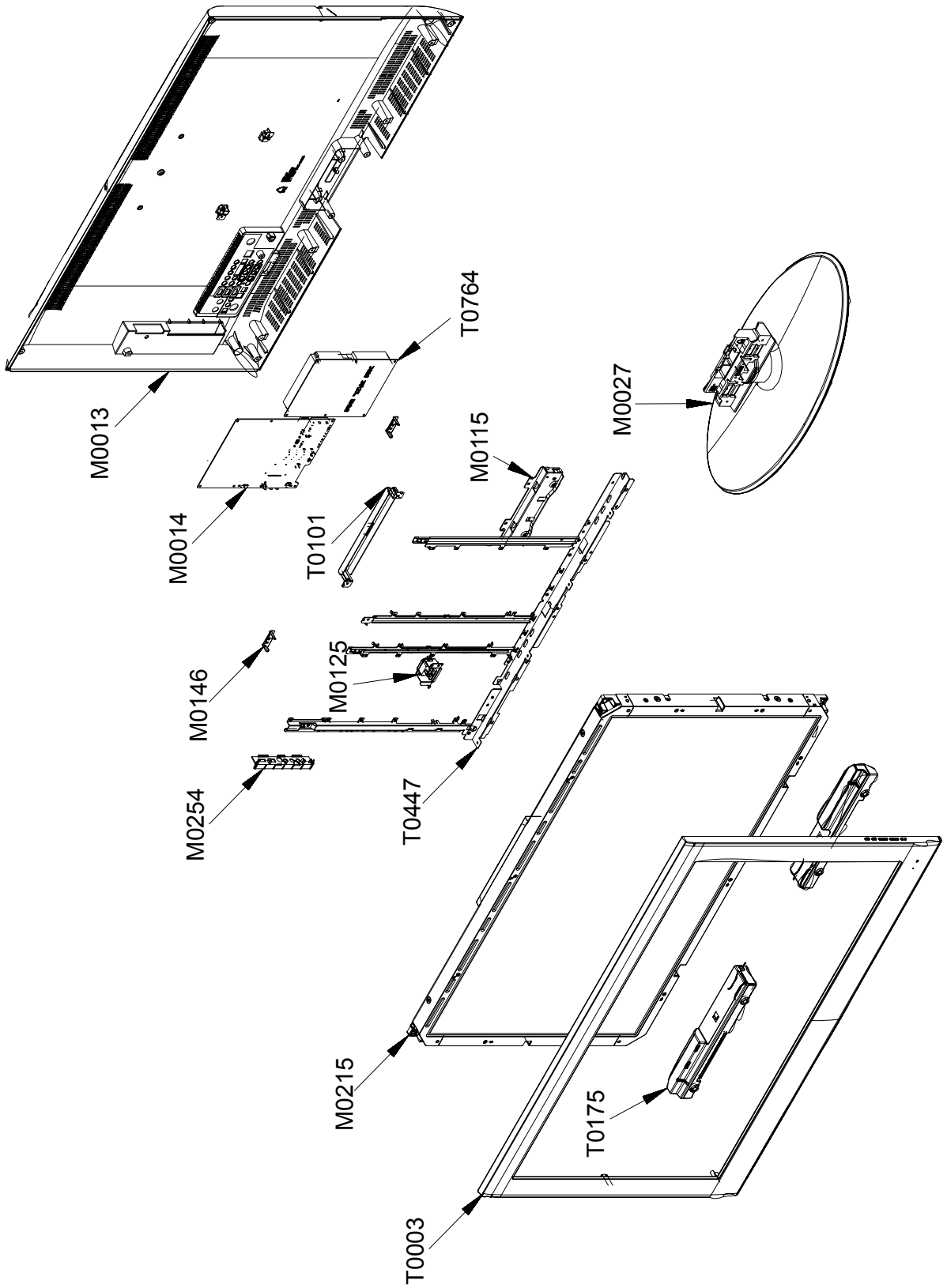
5-1. LN32A550P3R Exploded View



5-1-2. LN32A550P3R Parts List

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-07425E	ASSY COVER P-FRONT;32L550,P3,LO,SO,ABS+P	1	S.N.A	
M0215	BN07-00520A	LCD-PANEL;LTF320HA01,8bit,32inch,16.7M,1	1	S.A	
T0175	BN96-06818B	ASSY SPEAKER P;8ohm,CORAL,L450,10W,4pin,	1	S.A	
T0447	BN96-04681G	ASSY BRACKET P-PANEL;-,32R81,-,-,-,-,CMO	1	S.N.A	
M0115	BN61-03706A	BRACKET-STAND LINK;BRACKET-STAND-LINK 32	1	S.N.A	
M0254	BN61-02875D	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
M0014	BN94-01743F	ASSY PCB MAIN;PEARL	1	S.A	
T0764	BN44-00208A	SMPS-LCDTV;MK32P5T,SEM,AC/DC,137W,AC100	1	S.A	
M0013	BN96-06947D	ASSY COVER P-REAR;32L550,P3,LO,HIPS,HB,B	1	S.A	
M0027	BN96-06935A	ASSY STAND P-BASE;32,L530,ABS+PMMA,HB,BK	1	S.A	

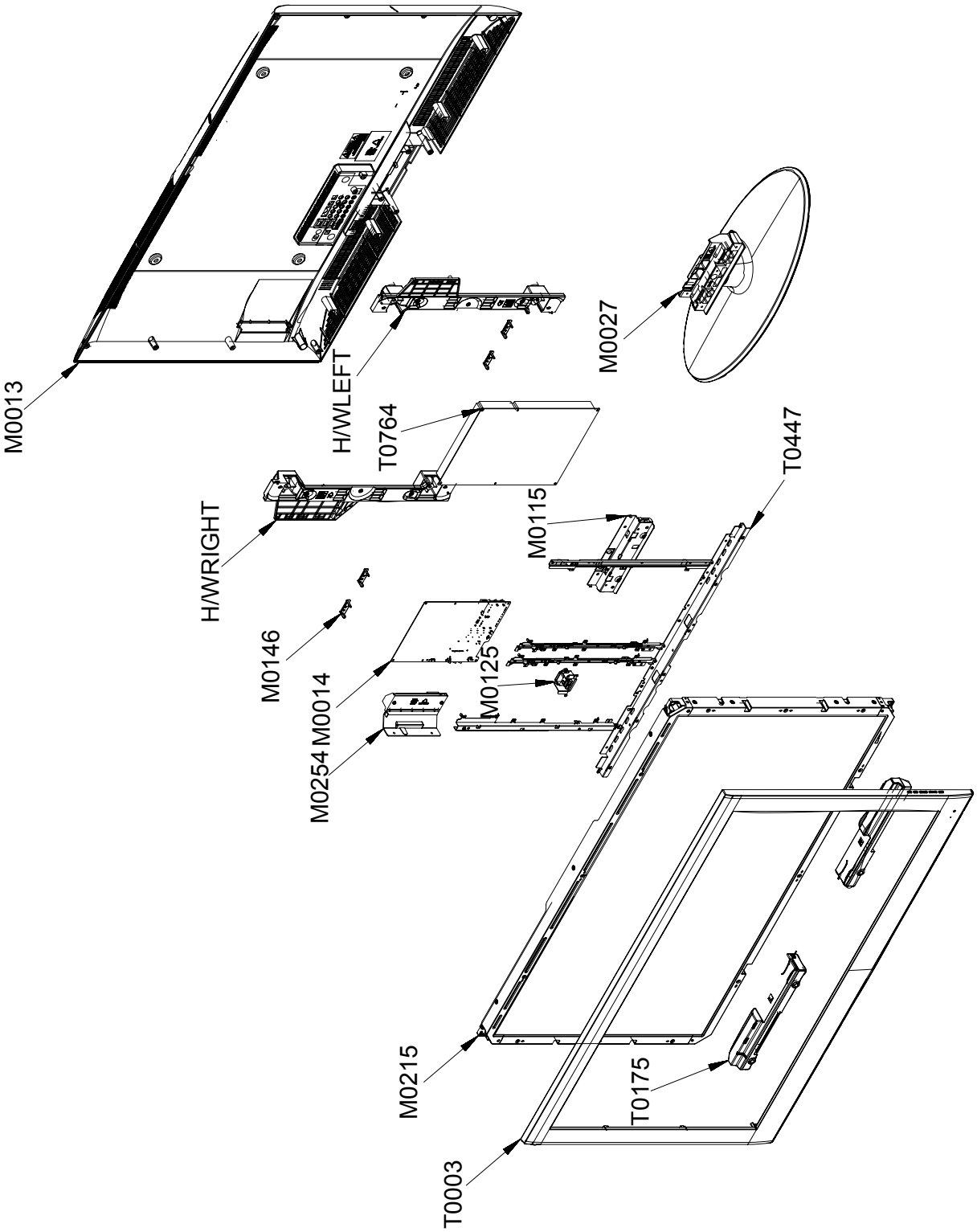
5-2. LN40A550P3R Exploded View



5-2-1. LN40A550P3R Parts List

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-06715F	ASSY COVER P-FRONT;40L550,P3,LO,SO,ABS+P	1	S.A	
M0215	BN07-00525A	LCD-PANEL;LTF400HA01,40"FHD,8bit,40inch,	1	S.A	
T0175	BN96-06809B	ASSY SPEAKER P;8ohm,L530 40"/46",Down Fi	1	S.A	
T0447	BN96-06960A	ASSY BRACKET P-PANEL;40A450C,SECC,T1.0,C	1	S.N.A	
M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.A	
M0125	BN96-04817B	ASSY INLET P;LNT4081FX,XAA,250mm,250mm,-	1	S.A	
M0254	BN61-02875D	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
M0014	BN94-01743E	ASSY PCB MAIN;PEARL	1	S.A	
M0013	BN96-06944B	ASSY COVER P-REAR;40L550,P2,P3,P4,SO,HIP	1	S.A	
M0027	BN96-04754A	ASSY STAND P-BASE;-,37,40S81,-,ABS+PMMA,	1	S.A	

5-3. LN46A550P3R Exploded View



5-3-1. LN46A550P3R Parts List

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-06928E	ASSY COVER P-FRONT;46L550,P3,LO,SO,ABS+P	1	S.N.A	
M0215	BN07-00518A	LCD-PANEL;LTF460HA01,8bit,46inch,16.7M,1	1	S.A	
T0175	BN96-06809B	ASSY SPEAKER P;8ohm,L530 40"/46",Down Fi	1	S.A	
T0447	BN96-06885A	ASSY BRACKET P-PANEL;46,L650,,,,,AMBER,1	1	S.N.A	
M0115	BN61-03790A	BRACKET-STAND LINK;AMBER 46,SECC,T1.6,-,	1	S.N.A	
M0125	BN96-05490A	ASSY INLET P;LE52M87BDX,XEC,300,300,150m	1	S.A	
M0254	BN61-03008P	HOLDER-SIDE AV;46,L550P3,SO,HIPS,HB,BK50	1	S.N.A	
M0014	BN94-01743D	ASSY PCB MAIN;PEARL	1	S.A	
M0013	BN96-06945B	ASSY COVER P-REAR;46L550,P2,P3,P4,SO,HIP	1	S.A	
M0027	BN96-06936A	ASSY STAND P-BASE;46,L530,ABS+PMMA,HB,BK	1	S.A	

5-4. LN32A550P3R Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LA32A550P1RXXZ	LA32A550P1R,N42A/32AP1-GPR,32,LCD-TV,CHI			
0.1	M0001	BN90-01455E	ASSY COVER FRONT;PEARL 32"	1	S.N.A	
..2	T0003	BN96-06705D	ASSY COVER P-FRONT;PEARL 32",China,ABS+P	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	T0069	AA60-00171Q	SPACER-FELT;56L3,FELT,690,T0.35,8	2	S.N.A	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	1.48	S.N.A	
...3	M0112	BN63-04189D	COVER-FRONT;PEARL 32",ABS+PMMA,HB,China,	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	T0527	BN64-00763A	GRILLE-SPEAKER;GRILLE-SPEAKER 32,PET SHE	2	S.N.A	
...3	M0025	BN96-06709A	ASSY DECORATION P;L550-1 32Inch,UO,ABS+P	2	S.N.A	
....4	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.05	S.N.A	
....4		BN64-00764A	DECORATION-IN;DECORATION-IN 32,ABS HB ,	1	S.N.A	
....4		BN64-00766A	DECORATION-OUT;DECORATION-OUT 32, ABS+PM	1	S.N.A	
...3		BN96-06729A	ASSY HOLDER P-BOSS;PEARL 32",,HIPS HB,,B	1	S.N.A	
....4		BN61-03261J	BOSS-TAPE;Tulip,ACRYL,T1.1,W16.0mm,GRAY,	0.62	S.N.A	
....4		BN61-03704A	HOLDER-BOSS BOTTOM;PEARL 32",HIPS HB,-,-	1	S.N.A	
...3	M0245	BN96-06921B	ASSY BOARD P-FUNCTION & IR 750;LN32A550P	1	S.A	
...3		BN63-01925A	FELT-VIBRATION;42D5,FELT,T0.35,10,370	2	S.N.A	
0.1	M0002	BN90-01465E	ASSY COVER REAR;PEARL 32"	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	13	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	M0013	BN96-06719C	ASSY COVER P-REAR;PEARL 32",China,HIPS,H	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	4	S.N.A	
...3	M0006	BN63-04316C	COVER-REAR;PEARL 32",HIPS,-,-,-,HB,CHINA	1	S.N.A	
...3	T0071	BN64-00777B	INLAY-TERMINAL;L450,CO,PS SHEET,T0.5,183	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01475A	ASSY STAND;L550-1 32Inch	1	S.N.A	
..2	T0524	6902-000241	BAG PE;NITRON/HDPE,T0.5/T0.012,W600,L600	1	S.N.A	
..2	M0027	BN96-06733A	ASSY STAND P-BASE;L550 32Inch,ABS+PMMA,H	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		BN61-02204A	HOLDER-SWIVEL RING;26,32R71,ACETAL,BLK	1	S.N.A	
...3		BN61-02232A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,T	1	S.N.A	
...3		BN61-02233A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,B	1	S.N.A	
...3		BN61-02236A	BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1	1	S.N.A	
...3		BN61-03707A	BRACKET-STAND BOTTOM;BRACKET-STAND-BOTTO	1	S.N.A	
...3	T0920	BN61-03708A	GUIDE-STAND;GUIDE-STAND 32,PC G/F20%,BL	1	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A	
...3	T0004	BN63-04192A	COVER-STAND BASE;COVER-STAND-BASE 32,ABS	1	S.N.A	
...3		BN63-04195A	COVER-STAND SUB;COVER-STAND-SUB 32,ABS P	1	S.N.A	
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5	6	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1		BN91-01964A	ASSY LCD-AMLCD;LN32A550P1FX/*,LTF320HA01	1	S.N.A	
..2	M0215	BN07-00520A	LCD-PANEL;LTF320HA01,8bit,32inch,16.7M,1	1	S.A	
0.1	M0017	BN91-01988B	ASSY CHASSIS;LA40A550P1RXXZ	1	S.N.A	
..2	M0014	BN94-01743C	ASSY PCB MAIN;PEARL	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	CN3003_NSI	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A	
...3	CN3009	3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	CN3006_NSI	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	S.A	
...3	CN3011_NSI	3722-002546	JACK-USB;4P/1C,AU,BLK,ANGLE,A type	1	S.N.A	
...3	JA333	3722-002690	JACK-PIN;3P,Ni,RED/WHT/YEL,ANGLE	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002699	JACK-PIN;3P,Ni,YEL/WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002711	JACK-PIN;10P,Ni,GRN/BLU/RED/WHT/RED,STRA	1	S.A	
...3	CIS3	BN40-00098A	TUNER;HTM-6B/235S,HTM-6B/235S,PAL BG,DK,	1	S.A	
...3	T0174	BN97-02131C	ASSY SMD;PEARL	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	3.44	S.N.A	
....4	D1006	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D1001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3001_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3002_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3015	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3019_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3020_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3021_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3022_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3024_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3025_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3026_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3027_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3036_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3037_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3038_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3043	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D3050	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3053	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3055_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3056	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3057_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3060	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3061	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3062_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3064	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3065	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3067	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3068	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3069	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3074	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3075	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3076	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3082	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3083	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3085	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3086	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3087	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3089	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3092	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3095	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3099	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3210_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3211_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3212_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5002_CEC	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D3213_L	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3009	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3034	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3035	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3045_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3052_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3058	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3059_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3070	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3071	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D3072	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3073	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3078	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3080	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3046	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3081	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3106	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3023	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D1011	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D3004	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3005	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3007	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3028	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3029	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3030	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3032	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3040	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3044	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3048_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3049_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3063_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3066_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3077	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3079	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3003	0406-001181	DIODE-TVS;NUP4201MR6,6/-/-V,500W,TSOP-6	1	S.A	
....4	D2003	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D2009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1011	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3008	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3009	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3010	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3013	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3020	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3027_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3028_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3030_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5030	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6001_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2001	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q2003	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q3029_L	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1001_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1007_NAL	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1010_L50	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	Q1012_HY	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q3015	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q3016	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A	
....4	IC5008	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A	
....4	IC106	1001-001513	IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m	1	S.A	
....4	IC2002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	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;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
....4	T0124	1201-002677	IC-POWER AMP;NTP3100,QFN56,56P,8x8mm,DUA	1	S.A	
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC3007	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A	
....4	IC5001	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A	
....4	IC2003	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC1005	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	
....4	IC1019	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	
....4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.A	
....4	IC118	1204-002869	IC-VIDEO PROCESS;MT8226FJ,BGA,569P,31x31	1	S.A	
....4	IC3017	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC3018	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	IC3019	1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	1	S.A	
....4	D3107	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D3108	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D3110_NSID	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D5018	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	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	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000083	R-CHIP;3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000172	R-CHIP;10

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001308	R-CHIP;200ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-003112	R-CHIP;27ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007096	R-CHIP;160ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005	1	S.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R5148	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5070	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5071	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5072	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5073	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	RA5074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5144	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5145	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5146	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5147	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6001_FBE	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6078	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6079	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	R5162	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000330	C-CER,CHIP;0.012nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000330	C-CER,CHIP;0.012nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000550	C-CER,CHIP;0.02nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000550	C-CER,CHIP;0.02nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C120	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,1005	1	S.A	
....4	C120	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,1005	1	S.A	
....4	C120	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,1005	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	1	S.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2037	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C2038	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C3003	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C3054	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C5023	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	S.A	
....4	C1048	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1061	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1007	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1034	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1046	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1011	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2060	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2062	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	L2001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L2002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A	
....4	X202	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....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	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....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	JA3001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA3003	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN330	3711-005925	HEADER-BOARD TO CABLE;BOX,51P,1R,0.5mm,S	1	S.N.A	
....4	CN330	3711-006374	HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm,	1	S.A	
....4	T0077	BN41-01019A	PCB MAIN;MT8226 READY PEARL 550/650,FR-4	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	MAIN	BN97-02137A	ASSY MICOM-MAIN;T-PRLMEAM-0087,2008-01-1	1	S.N.A	
.....5	IC115	1107-001415	IC-FLASH MEMORY;29W320D,4Mx8/2Mx16Bit,TS	1	S.N.A	
....4	CCMM1	BN97-02138A	ASSY MICOM-SUB;T-PRLPEUS,2008-01-14,0903	1	S.N.A	
.....5	IC520	0903-001552	IC-MICROCONTROLLER;WT61P8-RG480WT,LQFP,4	1	S.A	
0.1	M0112	BN91-01990A	ASSY SHIELD;LA32A550P1RXXZ,N42A,PEARL	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	1	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A	
..2	M0081	6003-000337	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	2	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	8	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	4	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	2	S.N.A	
..2	T0076	BN39-00615D	CBF HARNESS;BORDEAUX,1617#22,3P,1P,RING,	1	S.A	
..2	M2893	BN39-00802A	LEAD CONNECTOR;LE32R86BDX,UL1007#26,UL/C	1	S.A	
..2	M2893	BN39-00849C	LEAD CONNECTOR;LNT4081FX/XAA,UL1007 #26,	1	S.A	
..2	M2893	BN39-00877A	LEAD CONNECTOR;LE40R86BDX,UL1571#30,30P,	1	S.A	
..2	T0764	BN44-00213A	SMPS-LCDTV;MK32P5T,DYREL,AC/DC,137W,AC10	1	S.A	
..2	M0254	BN61-02875G	HOLDER-SIDE AV;40F8,CO,HIPS V0,-,-,-,BK5	1	S.N.A	
..2	M0115	BN61-03706A	BRACKET-STAND LINK;BRACKET-STAND-LINK 32	1	S.N.A	
..2		BN61-03761A	HOLDER-WOOFER;32 PEARL,HIPS HB,BK500	2	S.N.A	
..2	T0175	BN96-06820A	ASSY SPEAKER P;8ohm,PEARL,LCD 32",10W,4p	1	S.A	
..2	M2893	BP39-00177B	LEAD CONNECTOR;RE40**,UL1007#26,5P,150mm	1	S.A	
..2	T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	
..2	T0447	BN96-04681G	ASSY BRACKET P-PANEL;-,32R81,-,-,-,-,CMO	1	S.N.A	
...3	T0069	AA60-00171G	SPACER-FELT;43L2,FELT,505,T0.5,10	1	S.N.A	
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	S.N.A	
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A	
...3		BN61-02199B	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	S.N.A	
...3		BN61-02200A	BRACKET-GUIDE POWER;Bordeaux 32,SECC,T1.	1	S.N.A	
...3	M0146	BN61-02970A	BRACKET-PANEL TOP;32 BORDEAUX PLUS,SECC,	1	S.N.A	
...3		BN61-02974A	BRACKET-PANEL BOTTOM;32 BORDEAUX PLUS,SE	1	S.N.A	
...3		BN61-02978A	BRACKET-GUIDE MAIN;32 BORDEAUX PLUS,SECC	1	S.N.A	
...3	M0131	BN63-03327A	GASKET;BORDEAUX PLUS,Conductive Fabric,2	1	S.N.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
...3	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	2	S.N.A	
0.1	M0003	BN92-03134D	ASSY BOX;PEARL 32"	1	S.N.A	
..2		BN69-02316B	BOX-SET;L550-32,CB,DY-01, A,YEL,A1,CHINA	1.01	S.N.A	
0.1	M0113	BN92-03144A	ASSY P/MATERIAL;L550-1 32Inch	1	S.N.A	
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,--	0.006	S.N.A	
..2	T0524	6902-000519	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.05(	1	S.N.A	
..2	T0003	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	5.31	S.N.A	
..2	M0081	6902-000609	BAG ROLL;LDPE,T0.05,W2400,L1000,TRP,-,-	0.075	S.N.A	
..2	T0214	BN74-00008A	TAPE-OPP MASKING;OPP-2,T0.05,W100,L800M,	2.24	S.N.A	
0.1	M0045	BN92-03233E	ASSY ACCESSORY;LA32A550P1RXXZ	1	S.N.A	
..2	M0045	BN96-06964C	ASSY ACCESSORY-MANUAL;LA46A550P1RXXZ,N42	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3		AA68-03184A	MANUAL FLYER-CARD AA68-03184A-;ALL MODEL	1	S.N.A	
...3	T0511	AA68-03242N	MANUAL FLYER-SAFETY GUIDE;comm,Samsung,E	1	S.N.A	
...3	ACCESSORY	BN68-01058A	MANUAL FLYER-QSG;COMM,SAMSNG,SC,CHINA,W/	1	S.N.A	
...3	T0511	BN68-01415G	MANUAL USERS;COMM,SAMSUNG,SC,China,W/P 8	1	S.N.A	
...3	M0254	AA59-00416A	ANT SHIELD BOX;UGC-AS-001A,PAL-BG,DK,I,M	1	S.A	
...3		BN68-01420A	MANUAL FLYER-WARRANTY CARD-PL;COMM,SAMSU	1	S.N.A	
..2	M0045	BN96-06965E	ASSY ACCESSORY-CABLE;LA32A550P1RXXZ,CHIN	1	S.N.A	
...3	T0268	3903-000082	CBF-POWER CORD;DT,CN,IP3/YES(A),I(IEC C1	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3	T0074	BN59-00688A	REMOCON;TM-96B,49,CHINA	1	S.A	
...3		BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0531	BN63-04207A	COVER-BOTTOM;COVER-BOTTOM 32,HIPS,HB,BK5	1	S.N.A	
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,-,-,-,-,SCREW	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
....4	ACCESSORY	6902-000336	BAG ZIPPER;LDPE,T0.05,W70,L80,TRP,-,--	1	S.N.A	
0.1	M0019	BN92-03235F	ASSY LABEL;LA37A550P1RXXZ	1	S.N.A	
....4	C1880	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	

5-5. LN40A550P3R Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN40A550P3RXSR	LN40A550P3R,N42A/40AP3-GPR,40,LCD-TV,PER			
0.1	M0001	BN90-01547H	ASSY COVER FRONT;40L530,LO,P3	1	S.N.A	
..2	T0175	BN96-06809B	ASSY SPEAKER P;8ohm,L530 40"/46",Down Fi	1	S.A	
..2	T0003	BN96-06715F	ASSY COVER P-FRONT;40L550,P3,LO,SO,ABS+P	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0069	AA60-00091P	SPACER-FELT;,FELT,500X10,BLK,T0.5	4	S.N.A	
...3	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	S.N.A	
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	0.7	S.N.A	
...3	M0112	BN63-04370D	COVER-FRONT;40L550,P2,P3,P4,LO,SO,ABS+PM	1	S.N.A	
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	T0022	BN64-00755A	KNOB-CONTROL;32L450,ABS,V0,BK07	1	S.N.A	
...3	D/BOTTOM	BN64-00869B	DECORATION-BOTTOM;40L550,P3,UO,ABS,V0(NT	1	S.N.A	
...3	M0102	BN96-06798A	ASSY BLU P;Pearl(L550),BACK LIGHT UNIT,M	1	S.A	
...3	A/HBOSS	BN96-06932A	ASSY HOLDER P-BOSS;40,L530,HIPS,V0,BK500	1	S.N.A	
....4	H/BBOTTOM	BN61-03888A	HOLDER-BOSS BOTTOM;HOLDER-BOSS BOTTOM 40	1	S.N.A	
....4	B/TAPE	BN61-03261C	BOSS-TAPE;Tulip,ACRYL,T1.1,W24mm,GRAY,TA	0.7	S.N.A	
...3	M0145	BN96-07269A	ASSY BOARD P-FUNCTION;LN40A450C1D,CT5000	1	S.A	
...3	M0146	BN96-07270G	ASSY BOARD P-POWER & IR;LE32A556P1F,CT50	1	S.A	
0.1	M0002	BN90-01552B	ASSY COVER REAR;40L530,LO	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	11	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	M0013	BN96-06944B	ASSY COVER P-REAR;40L550,P2,P3,P4,SO,HIP	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	2	S.N.A	
...3	M0006	BN63-04371B	COVER-REAR;40L550,P2,P3,P4,SO,HIPS,HB,BK	1	S.N.A	
...3	T0071	BN64-00809F	INLAY-TERMINAL;L550,SO,LO,PS SHEET,T0.5,	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
...3	T0069	AA60-00091J	SPACER-FELT;-,FELT,330X10,-,-,BLK,T0.5,-	2	S.N.A	
0.1	M0216	BN90-01557A	ASSY STAND;40L530	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
..2	M0027	BN96-04754A	ASSY STAND P-BASE;-,37,40S81,-,ABS+PMMA,	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	8	S.A	
...3	H/SWIVEL	BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A	
...3	B/STANDB	BN61-02883A	BRACKET-STAND BOTTOM;BORDEAUX PLUS,40,SE	1	S.N.A	
...3	HOLDER/S	BN61-02885A	HOLDER-SWIVEL RING;MURANO40,ACETAL NATUR	1	S.N.A	
...3	B/HINGE	BN61-02886A	BRACKET-HINGE SWIVEL;BORDEAUX PLUS,40,SE	1	S.N.A	
...3	T0920	BN61-02985A	GUIDE-STAND;Jasmine40,ABS V0(NT),-,-,-,-	1	S.N.A	
....4	B/SUPP	BN61-02981A	BRACKET-SUPPORT STAND;40 BORDEAUX PLUS,S	1	S.N.A	
....4	B/SUPPORT	BN61-03045A	BRACKET-SUPPORT STAND;40 BORDEAUX PLUS,S	1	S.N.A	
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	S.N.A	
...3	T0004	BN63-03030A	COVER-STAND BASE;40R81,ABS+PMMA,-,-,-,HB	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	M0126	BN73-00052C	RUBBER-FOOT;LCD TV,CR RUBBER,T2.0 DIA19,	4	S.N.A	
0.1	A/LCD	BN91-01964E	ASSY LCD-AMLCD;LN40A550P1FX/*, LTA320WT-	1	S.N.A	
..2	M0215	BN07-00525A	LCD-PANEL;LTF400HA01,40"FHD,8bit,40inch,	1	S.A	
0.1	M0017	BN91-02056D	ASSY CHASSIS;LN40A550P3RX*	1	S.N.A	
..2	M0014	BN94-01743E	ASSY PCB MAIN;PEARL	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	CN3003_NSI	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A	
...3	CN3009	3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	CN3006_NSI	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	S.A	
...3	CN3011_NSI	3722-002546	JACK-USB;4P/1C,AU,BLK,ANGLE,A type	1	S.N.A	
...3	JA333	3722-002690	JACK-PIN;3P,Ni,RED/WHT/YEL,ANGLE	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002699	JACK-PIN;3P,Ni,YEL/WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002711	JACK-PIN;10P,Ni,GRN/BLU/RED/WHT/RED,STRA	1	S.A	
...3	CIS3	BN40-00113A	TUNER;HTM-6M/13F2S,HTM-6M/13F2S,PAL M,18	1	S.A	
...3	T0174	BN97-02131E	ASSY SMD;PEARL	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	3.44	S.N.A	
....4	D1006	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D1001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3001_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3002_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3015	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3019_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3020_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3021_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3022_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3024_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3025_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3026_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3027_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3036_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3037_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D3038_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3043	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3050	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3053	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3055_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3056	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3057_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3060	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3061	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3062_NSID	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3064	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3065	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3067	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3068	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3069	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3074	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3075	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3076	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3082	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3083	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3085	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3086	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3087	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3089	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3092	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3095	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3099	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3210_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3211_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5002_CEC	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3009	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3034	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3035	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3045_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3052_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3058	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3059_NSID	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3070	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3071	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D3072	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3073	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3078	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3080	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3046	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3081	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3106	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3023	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D1011	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D3004	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3005	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3007	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3028	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3029	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3030	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3032	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3040	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3044	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3048_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3049_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3063_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3066_NSID	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3077	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3079	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3003	0406-001181	DIODE-TVS;NUP4201MR6,6/-/-V,500W,TSOP-6	1	S.A	
....4	D2003	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D2009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1011	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3008	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3009	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3010	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3013	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3020	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5030	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6001_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2001	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q2003	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1001_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1007_NAL	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1010_L50	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1012_HY	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q3015	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q3016	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A	
....4	IC5008	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A	
....4	IC106	1001-001513	IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m	1	S.A	
....4	IC2002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	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;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
....4	T0124	1201-002677	IC-POWER AMP;NTP3100,QFN56,56P,8x8mm,DUA	1	S.A	
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC3007	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A	
....4	IC5001	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A	
....4	IC2003	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC1005	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	
....4	IC1019	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	
....4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.A	
....4	IC118	1204-002869	IC-VIDEO PROCESS;MT8226FJ,BGA,569P,31x31	1	S.A	
....4	D3107	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D3108	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D3110_NSID	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D5018	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	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	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000083	R-CHIP;3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000162	R-CHIP;100Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000162	R-CHIP;100Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000162	R-CHIP;100Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000162	R-CHIP;100Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000170	R-CHIP;1Mohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000170	R-CHIP;1Mohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-003112	R-CHIP;27ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007096	R-CHIP;160ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005	1	S.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R5148	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5070	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5071	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5072	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5073	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5144	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5145	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5146	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5147	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	RA6001_FBE	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6078	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6079	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	R5162	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000330	C-CER,CHIP;0.012nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000330	C-CER,CHIP;0.012nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000550	C-CER,CHIP;0.02nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000550	C-CER,CHIP;0.02nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C120	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A	
....4	C120	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,1005	1	S.A	
....4	C120	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,1005	1	S.A	
....4	C120	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,1005	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	1	S.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A	
....4	C120	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2037	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C2038	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C3003	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C3054	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C5023	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	S.A	
....4	C1048	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1061	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1007	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1034	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1046	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1011	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2060	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2062	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	L2001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L2002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A	
....4	X202	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....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	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....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	JA3001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA3003	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN330	3711-005925	HEADER-BOARD TO CABLE;BOX,51P,1R,0.5mm,S	1	S.N.A	
....4	T0077	BN41-01019A	PCB MAIN;MT8226 READY PEARL 550/650,FR-4	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	CCMM1	BN97-02138A	ASSY MICOM-SUB;T-PRLPEUS-1001.0,2008-03-	1	S.N.A	
.....5	IC520	0903-001552	IC-MICROCONTROLLER;WT61P8-RG480WT,LQFP,4	1	S.A	
....4	MAIN	BN97-02164A	ASSY MICOM-MAIN;T-PRLMSAM-1000.3,2008-03	1	S.N.A	
.....5	IC115	1107-001415	IC-FLASH MEMORY;29W320D,4Mx8/2Mx16Bit,TS	1	S.N.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	D3039_RS	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A	
....4	IC3004_RS	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	T0568	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	S.N.A	
0.1	M0112	BN91-02057B	ASSY SHIELD;SQE-LN40A550P1RX*	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	4	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	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	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	5	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	2	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	2	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,-,S,M4,L8,ZPC(WHT),SW	1	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	2	S.N.A	
..2	M2893	BN39-00674A	LEAD CONNECTOR;LNR469DX/XAA,UL1007#26,5P	1	S.A	
..2	M2893	BN39-00802F	LEAD CONNECTOR;LE46S86BDX,UL1007#26,24PI	1	S.A	
..2	M2893	BN39-00851A	LEAD CONNECTOR;LE40M73BD,UL3443 #28,7P,3	1	S.A	
..2	M2893	BN39-01024A	LEAD CONNECTOR;LN46A550P1FXZA,UL1007#26,	1	S.A	
..2	M0174	BN44-00199A	IP BOARD;IP-211135,PEARL,15mA,130mA,150H	1	S.A	
..2	M0254	BN61-02875D	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
..2	M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.N.A	
..2	M0146	BN61-03414A	BRACKET-PANEL TOP;PEONY52,SECC T1.2	2	S.N.A	
..2	T0101	BN61-03700A	BRACKET-WALL;L450 40INCH,SECC,T1.2,-,-,-	1	S.N.A	
..2	M0125	BN96-04817B	ASSY INLET P;LNT4081FX,XAA,250mm,250mm,-	1	S.A	
..2	T0447	BN96-06960A	ASSY BRACKET P-PANEL;40A450C,SECC,T1.0,C	1	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	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A	
...3	B/GMAIN	BN61-02879A	BRACKET-GUIDE MAIN;TULIP,40,SECC,T1.2,-,	1	S.N.A	
...3	B/GPRIGHT	BN61-02880A	BRACKET-GUIDE POWER R;TULIP,40,SECC,T1.2	1	S.N.A	
...3	B/PRLEFT	BN61-02881A	BRACKET-GUIDE POWER L;TULIP,40,SECC,T1.2	1	S.N.A	
...3	B/GPOWER	BN61-03697A	BRACKET-GUIDE POWER R;L450 40INCH,SECC,T	1	S.N.A	
...3	B/PBOTTOM	BN61-03861A	BRACKET-PANEL BOTTOM;L450 40INCH,SECC,T1	1	S.N.A	
...3	M0131	BN63-03519A	GASKET;Tulip,Conductive Fabric,10,14,300	3	S.N.A	
..2	M0214	BN96-07161F	ASSY CABLE P-FLAT LVDS;LA40A550P1RX,FFC,	1	S.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	1	S.N.A	
..2	M0114	BP61-01088A	HOLDER-WIRE;SVP-42L6,NYLON	2	S.N.A	
0.1	M0113	BN92-03230B	ASSY P/MATERIAL;40L530,W/W	1	S.N.A	
..2	T0524	6902-000524	BAG PE;HDPE/NITRON,T0.015/T0.5,W1200,L11	1	S.N.A	
..2	B/PP	6922-000013	BAND PP;PP,W18,L2300m,TRP,Roll Diameter	4.83	S.N.A	
..2	T0214	AA61-20285C	HOLDER-BOX;CORAL,PP,BLACK,HB	2	S.N.A	
0.1	M0045	BN92-03283H	ASSY ACCESSORY;LN40A550P1RXSR	1	S.N.A	
..2	M0045	BN96-07329A	ASSY ACCESSORY;LN40A550P3RXSR	1	S.N.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A	
...3	T0152	AA68-40004B	CARD WARRANTY;,PERU,W/P(150)/2P,A5,4	1	S.N.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0531	BN63-04437B	COVER-BOTTOM;37,40L550,P2,P3,P4,HIPS,V0,	1	S.N.A	
...3		AA68-03242L	MANUAL FLYER-02,SAFETY GUIDE;comm,Samsun	1	S.N.A	
...3	T0074	BN59-00690A	REMOCON;TM-96B,49,LATIN AMERICA	1	S.A	
...3	T0511	BN68-01392C	MANUAL USERS;COMM,SAMSUNG,Eng/Spa/BP,S.A	1	S.N.A	
0.1	M0003	BN92-03225H	ASSY BOX;40L530,LO,P3	1	S.N.A	
..2	M0521	BN69-02287A	BOX-SET,IN;L450-40,CB,A1,DY-01,W1463,D75	1.01	S.N.A	
..2	B/OUT	BN69-02436C	BOX-SET,OUT;L550P3-40,CB,C3,DY-01,W1073,	1.02	S.N.A	
0.1	M0019	BN92-03372E	ASSY LABEL;LN40A550P3RXSR	1	S.N.A	

5-6. LN46A550P3R Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN46A550P3RXSR	LN46A550P3R,N42A/46AP3-GPR,46,LCD-TV,PER			
0.1	M0001	BN90-01548H	ASSY COVER FRONT;46L530,LO,P3	1	S.N.A	
..2	T0175	BN96-06809B	ASSY SPEAKER P;8ohm,L530 40"/46",Down Fi	1	S.A	
..2	T0003	BN96-06928E	ASSY COVER P-FRONT;46L550,P3,LO,SO,ABS+P	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0069	AA60-00171V	SPACER-FELT;BE46PS,FELT,500,T0.35,10	6	S.N.A	
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	0.8	S.N.A	
...3	M0112	BN63-04372D	COVER-FRONT;46L550,P2,P3,P4,LO,ABS+PMMA,	1	S.N.A	
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	T0022	BN64-00755A	KNOB-CONTROL;32L450,ABS,V0,BK07	1	S.N.A	
...3	D/BOTTOM	BN64-00868B	DECORATION-BOTTOM;46L550,P3,UO,ABS,V0(NT	1	S.N.A	
...3	M0102	BN96-06798A	ASSY BLU P;Pearl(L550),BACK LIGHT UNIT,M	1	S.A	
...3	A/HBOSS	BN96-06933A	ASSY HOLDER P-BOSS;46,L530,HIPS,V0,BK500	1	S.N.A	
....4	B/TAPE	BN61-03261N	BOSS-TAPE;AMBER,ACRYL,T1.1,W20.0mm,WHITE	0.95	S.N.A	
....4	H/BBOTTOM	BN61-03890A	HOLDER-BOSS BOTTOM;HOLDER-BOSS BOTTOM 46	1	S.N.A	
...3	M0145	BN96-07269A	ASSY BOARD P-FUNCTION;LN40A450C1D,CT5000	1	S.A	
...3	M0146	BN96-07270F	ASSY BOARD P-POWER & IR;LE32A656P1F,CT50	1	S.A	
0.1	M0002	BN90-01553B	ASSY COVER REAR;46L530,LO	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	14	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	C/REAR+H/W	6011-001610	BOLT-ETC;M8,L18,ZPC(BLK),SWRCH18A,WSP,PH	4	S.N.A	
..2	M0013	BN96-06945B	ASSY COVER P-REAR;46L550,P2,P3,P4,SO,HIP	1	S.A	
...3	M0006	BN63-04376B	COVER-REAR;46L530,LO,HIPS,HB,BK500,ETCHI	1	S.N.A	
...3	T0071	BN64-00809F	INLAY-TERMINAL;L550,SO,LO,PS SHEET,T0.5,	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01558A	ASSY STAND;46L530	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
..2	M0027	BN96-06936A	ASSY STAND P-BASE;46,L530,ABS+PMMA,HB,BK	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	8	S.A	
...3	H/SRMIDDLE	BN61-02533A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A	
...3	H/SRBOTTOM	BN61-02534A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A	
...3	B/HSWIVEL	BN61-02536A	BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0	1	S.N.A	
...3	B/SBOTTOM	BN61-03787A	BRACKET-STAND-BOTTOM;AMBER 46,SECC,T3.0,	1	S.N.A	
...3	T0920	BN61-03889A	GUIDE-STAND;GUIDE-STAND 46 L530,PC,BLK,G	1	S.N.A	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.45	S.N.A	
...3	T0004	BN63-04276B	COVER-STAND BASE;46AA1,ABS+PMMA,HB,BK23,	1	S.N.A	
...3	M0126	BN73-00052C	RUBBER-FOOT;LCD TV,CR RUBBER,T2.0 DIA19,	4	S.N.A	
0.1	A/LCD	BN91-01964C	ASSY LCD-AMLCD;LN46A550P1FX/*,LTF460HA01	1	S.N.A	
..2	M0215	BN07-00518A	LCD-PANEL;LTF460HA01,8bit,46inch,16.7M,1	1	S.A	
0.1	M0017	BN91-02056A	ASSY CHASSIS;LN46A550P1RX*	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2	M0014	BN94-01743D	ASSY PCB MAIN;PEARL	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	CN3009	3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-004349	HEADER-BOARD TO CABLE;BOX,3P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004379	HEADER-BOARD TO CABLE;BOX,4P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	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	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002691	JACK-PIN;2P,Ni,WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002699	JACK-PIN;3P,Ni,YEL/WHT/RED,STRAIGHT	1	S.A	
...3	JA333	3722-002711	JACK-PIN;10P,Ni,GRN/BLU/RED/WHT/RED,STRA	1	S.A	
...3	CIS3	BN40-00113A	TUNER;HTM-6M/13F2S,HTM-6M/13F2S,PAL M,18	1	S.A	
...3	T0174	BN97-02131D	ASSY SMD;PEARL	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	3.44	S.N.A	
....4	D1006	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D1001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1010	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3015	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3017	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3018	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3036_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3037_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3038_NT	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3043	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3050	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3053	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3056	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3060	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3061	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3064	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3065	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3067	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3068	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3069	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3074	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3075	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3076	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3082	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3083	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3085	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3086	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3087	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D3089	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3092	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3095	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3099	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3102	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3200	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3210_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D3211_L	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D5002_CEC	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D2004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5003	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D5006	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D2006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3009	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3034	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3035	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3058	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3070	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3071	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3072	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3073	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3078	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3080	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D3046	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3081	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3106	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D3023	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D1011	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D0254	0404-001020	DIODE-SCHOTTKY;BAT54C,30V,200mA,SOT-23,T	1	S.A	
....4	D3004	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3005	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3007	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3028	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3029	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3030	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3032	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3040	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3044	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3077	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3079	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D3003	0406-001181	DIODE-TVS;NUP4201MR6,6/-/-V,500W,TSOP-6	1	S.A	
....4	D2003	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D2009	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1011	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2002	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3008	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3009	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3010	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3013	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3020	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5030	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q6001_L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q2001	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q2003	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1001_L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1007_NAL	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1010_L50	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1012_HY	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q3015	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q3016	0501-002184	TR-SMALL SIGNAL;KTD1304,NPN,200mW,SOT-23	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A	
....4	IC5008	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A	
....4	IC106	1001-001513	IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m	1	S.A	
....4	IC2002	1002-001509	IC-A/D&D/A CONVERTER;MT8291,24bit,LQFP,4	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;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	IC113	1105-001828	IC-DRAM;HYB18TC256160BF,DDR2,256Mbit,16M	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
....4	T0124	1201-002677	IC-POWER AMP;NTP3100,QFN56,56P,8x8mm,DUA	1	S.A	
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	IC3007	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A	
....4	IC5001	1203-004363	IC-VOL. DETECTOR;RT9818C-29PV,SOT-23,3P,	1	S.A	
....4	IC2003	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC1005	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	IC1019	1203-005188	IC-DC/DC CONVERTER;AOZ1021AIL,SOP,8P,4.9	1	S.A	
....4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.A	
....4	IC118	1204-002869	IC-VIDEO PROCESS;MT8226FJ,BGA,569P,31x31	1	S.A	
....4	D3107	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D3108	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	D5018	1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	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	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000082	R-CHIP;3.3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000083	R-CHIP;3Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000107	R-CHIP;470Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000115	R-CHIP;82ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	1	S.A	
....4	R110	2007-000157	R-CHIP;47

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000987	R-CHIP;5.6ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000999	R-CHIP;510ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000999	R-CHIP;510ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001010	R-CHIP;51Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-003112	R-CHIP;27ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007096	R-CHIP;160ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007297	R-CHIP;110ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005	1	S.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R5148	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5070	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5071	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5072	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5073	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5144	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	RA5145	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5146	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA5147	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6001_FBE	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6074	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6075	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6078	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA6079	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	R5162	2011-001011	R-NETWORK;10Kohm,5%,1/16W,L,CHIP,8P,TP,3	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000330	C-CER,CHIP;0.012nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000330	C-CER,CHIP;0.012nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000550	C-CER,CHIP;0.02nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000550	C-CER,CHIP;0.02nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C120	2203-000925	C-CER,CHIP;470nF,+80-20%,50V,Y5V,2012	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005005	C-CER,CHIP;100nF,10%,16

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-005834	C-CER,CHIP;22000nF,+80-20%,10V,Y5V,3216	1	S.A	
....4	C120	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	1	S.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	1	S.N.A	
....4	C120	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A	
....4	C120	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-006681	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1005	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C2037	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C2038	2402-001128	C-AL,SMD;100##F,20%,16V,-,TP,6.3X5.7mm	1	S.A	
....4	C3003	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C3054	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A	
....4	C5023	2402-001160	C-AL,SMD;330UF,20%,16V,WT,TP,1008	1	S.A	
....4	C1048	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1061	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A	
....4	C1007	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1034	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1046	2402-001257	C-AL,SMD;470uF,20%,16V,-,TP,8.3*10	1	S.A	
....4	C1011	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2060	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C2062	2402-001323	C-AL,SMD;100##F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000125	INDUCTOR-SMD;10uH,10%,2012	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	T0052	2703-003362	INDUCTOR-SMD;4.7uH,20%,7070	1	S.A	
....4	L2001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L2002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A	
....4	X202	2801-003954	CRYSTAL-SMD;27MHz,30ppm,28-AAN,16pF,50oh	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	F103	2901-001302	FILTER-EMI SMD;20V,0.3A,0pF,2.0x1.2x1.3m	1	S.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	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	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	1	S.N.A	
....4	T0568	3301-001163	BEAD-SMD;80ohm,2012,TP,-,192ohm/867MHz	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....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	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....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	JA3001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA3003	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN330	3711-005925	HEADER-BOARD TO CABLE;BOX,51P,1R,0.5mm,S	1	S.N.A	
....4	CN330	3711-006354	HEADER-BOARD TO CABLE;BOX,41P,2R,0.5mm,S	1	S.A	
....4	T0077	BN41-01019A	PCB MAIN;MT8226 READY PEARL 550/650,FR-4	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	CCMM1	BN97-02138A	ASSY MICOM-SUB;T-PRLPEUS-1001.0,2008-03-	1	S.N.A	
.....5	IC520	0903-001552	IC-MICROCONTROLLER;WT61P8-RG480WT,LQFP,4	1	S.A	
....4	MAIN	BN97-02164A	ASSY MICOM-MAIN;T-PRLMSAM-1000.3,2008-03	1	S.N.A	
.....5	IC115	1107-001415	IC-FLASH MEMORY;29W320D,4Mx8/2Mx16Bit,TS	1	S.N.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	D3039_RS	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A	
....4	IC3004_RS	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
0.1	M0112	BN91-02057C	ASSY SHIELD;SQE-LN46A550P1RX*	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	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	3	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	1	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	5	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	5	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	S.N.A	
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	4	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	2	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,-,S,M4,L8,ZPC(WHT),SW	1	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	2	S.N.A	
..2	M2893	BN39-00674A	LEAD CONNECTOR;LNR469DX/XAA,UL1007#26,5P	1	S.A	
..2	M2893	BN39-00802F	LEAD CONNECTOR;LE46S86BDX,UL1007#26,24PI	1	S.A	
..2	M2893	BN39-00830A	LEAD CONNECTOR;LNT4642HX/XAA,UL1061#28,7	1	S.A	
..2	M2893	BN39-00948E	LEAD CONNECTOR;LN52M81BD,UL1061#28,4P,3P	1	S.A	
..2	M2893	BN39-01020A	LEAD CONNECTOR;LN46A550P,UL1007#26,2pin,	1	S.A	
..2	M2893	BN39-01024A	LEAD CONNECTOR;LN46A550P1FXZA,UL1007#26,	1	S.A	
..2	M0174	BN44-00202A	IP BOARD;IP-271135A,PEARL,15mA,116mA,150	1	S.A	
..2	M0146	BN61-03414A	BRACKET-PANEL TOP;PEONY52,SECC T1.2	4	S.N.A	
..2	M0115	BN61-03790A	BRACKET-STAND LINK;AMBER 46,SECC,T1.6,-,	1	S.N.A	
..2	M0125	BN96-05490A	ASSY INLET P;LE52M87BDX,XEC,300,300,150m	1	S.A	
..2	M0230	BN96-06678A	ASSY CABLE P-FFC;PEONY 46",FFC,117001-41	1	S.A	
..2	T0447	BN96-06885A	ASSY BRACKET P-PANEL;46,L650,,,,,AMBER,1	1	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	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
...3	B/GPL	BN61-03516A	BRACKET-GUIDE POWER L;46J8 PEONY2,SECC T	1	S.N.A	
...3	B/GMAIN	BN61-03520A	BRACKET-GUIDE MAIN;46J8 PEONY2,SECC T1.2	1	S.N.A	
...3	B/PBOTTOM	BN61-03829A	BRACKET-PANEL BOTTOM;AMBER 46,SECC,T1.6,	1	S.N.A	
...3	B/GP	BN61-03830A	BRACKET-GUIDE POWER R;AMBER 46,SECC,T1.2	2	S.N.A	
...3	M0131	BN63-03520A	GASKET;Tulip,Conductive Fabric,10,18,300	2	S.N.A	
...3	M0131	BN63-03812A	GASKET;Tulip,Conductive Fabric,10,10,180	1	S.N.A	
..2	M0152	BN96-07161E	ASSY CABLE P-FLAT CABLE;LA46A500P1RX,FFC	1	S.A	
..2	A/HLEFT	BN96-07448A	ASSY HOLDER P-WALL;L650,46,HIPS,V0,BK500	1	S.N.A	
...3	B/SNUT	BN61-02932A	BRACKET-STOPPER NUT;SUM24L	2	S.N.A	
...3	H/WLEFT	BN61-03788A	HOLDER-WALL LEFT;L650 46,HIPS V0,BK500,L	1	S.N.A	
..2	A/HRIGHT	BN96-07470A	ASSY HOLDER P-WALL;L650,46,HIPS,V0,BK500	1	S.N.A	
...3	B/SNUT	BN61-02932A	BRACKET-STOPPER NUT;SUM24L	2	S.N.A	
...3	H/WRIGHT	BN61-03864A	HOLDER-WALL RIGHT;L650 46,HIPS V0,BK500,	1	S.N.A	
..2	M0020	BN96-07759A	ASSY BOARD P-SIDE HDMI AV;LN46A550P3,SJ0	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0254	BN61-03008P	HOLDER-SIDE AV;46,L550P3,SO,HIPS,HB,BK50	1	S.N.A	
...3	M0020	BN96-07351B	ASSY BOARD P-SIDE AV;LA46A550P1RXXZ,SJ07	1	S.N.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	4	S.N.A	
0.1	M0113	BN92-03231B	ASSY P/MATERIAL;46L530,W/W	1	S.N.A	
..2	T0524	6902-000684	BAG PE;HDPE/NITRON,T0.015/T0.5,W1400,L14	1	S.N.A	
..2		6922-000013	BAND PP;PP,W18,L2300m,TRP,Roll Diameter	5.1	S.N.A	
..2	T0214	AA61-20285C	HOLDER-BOX;CORAL,PP,BLACK,HB	2	S.N.A	
0.1	M0045	BN92-03283M	ASSY ACCESSORY;LN46A550P1RXSR	1	S.N.A	
..2	M0045	BN96-07334A	ASSY ACCESSORY;LN46A550P3RXSR	1	S.N.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	

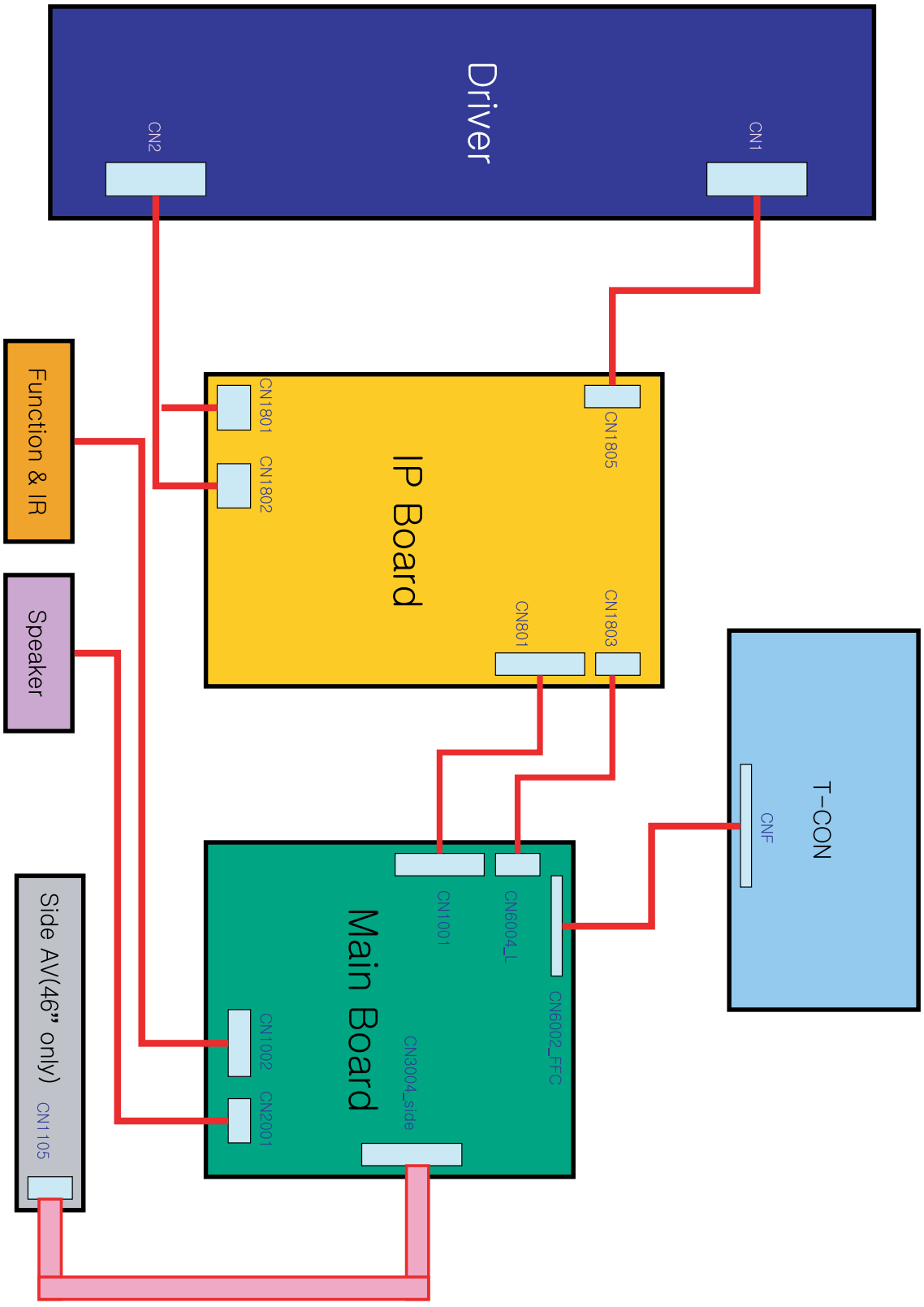
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A	
...3	T0152	AA68-40004B	CARD WARRANTY;,PERU,W/P(150)/2P,A5,4	1	S.N.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0531	BN63-04374B	COVER-BOTTOM;46,52L550,P2,P3,P4,HIPS,V0,	1	S.N.A	
...3		AA68-03242L	MANUAL FLYER-02,SAFETY GUIDE;comm,Samsun	1	S.N.A	
...3	T0074	BN59-00690A	REMOCON;TM-96B,49,LATIN AMERICA	1	S.A	
...3	T0511	BN68-01392C	MANUAL USERS;COMM,SAMSUNG,Eng/Spa/BP,S.A	1	S.N.A	
0.1	M0003	BN92-03226H	ASSY BOX;46L530,LO,P3	1	S.N.A	
..2	M0521	BN69-02381A	BOX-SET,IN;L650-46-S,CB,C-01,DY-01,AB,W1	1.01	S.N.A	
..2	B/OUT	BN69-02430C	BOX-SET,OUT;L550P3-46,CB,C3,DY-01,W1220,	1.02	S.N.A	
0.1	M0019	BN92-03372F	ASSY LABEL;LN46A550P3RXSR	1	S.N.A	
..2	M2893	BN39-00851A	LEAD CONNECTOR;LE40M73BD,UL3443 #28,7P,3	1	S.A	

Memo

6. Wiring Diagram

6-1. Wiring Diagram

6-1-1. LN32A550P3R / LN40A550P3R / LN46A550P3R



CN6002_FFC (to panel)			
1	13	27	RxE1-
2	13	28	RxE1+
3	13	29	RxE2-
4	13	30	RxE2+
5	NC	31	GND
6	GND	32	RxECLK-
7	GND	33	RxECLK+
8	GND	34	GND
9	GND	35	RxE3-
10	RxO0-	36	RxE3+
11	RxO0+	37	RxE4-
12	RxO1-	38	RxE4+
13	RxO1+	39	GND
14	RxO2-	40	SCL
15	RxO2+	41	SDA
16	NC	42	NC
17	RxOCLK-	43	NC
18	RxOCLK+	44	H_SYNC_OUT
19	NC	45	GND
20	RxO3-	46	NC
21	RxO3+	47	NC
22	RxO4-	48	NC
23	RxO4+	49	NC
24	GND	50	NC
25	RxE0-	51	NC
26	RxE0+		

CN1001 (to Power Board)			
1	HSYNC	13	5V
2	SW_Power	14	5V
3	GND	15	5V
4	A5V	16	5V
5	GND	17	GND
6	GND	18	GND
7	12V	19	GND
8	12V	20	12V
9	GND	21	12V
10	GND	22	12V
11	GND	23	NC
12	GND	24	NC

CN6004_L (to Power Board)	
1	SW_INVERTER
2	ANA_DIM
3	PWM_DIM
4	GND
5	SENSE_PWR

JA3002 (to DVI Sound)	
1	GND
2	DVI_SR_IN
3	DVI_SL_IN
4	GND
5	DVI_SR_IN
6	DVI_SL_IN

JA3013_NT (to Component1)	
1	GND
2	COMP1_IDENT
3	COMP1_Y
4	GND
5	COMP1_PB
6	COMP1_PB
7	GND
8	COMP1_PR
9	COMP1_PR
10	GND
11	COMP1_SR_IN
12	COMP1_SL_IN
13	GND
14	COMP1_SR_IN
15	COMP1_SL_IN

JA3016_NT (to Component2)	
1	GND
2	COMP2_IDENT
3	COMP1_Y
4	GND
5	COMP2_PB
6	COMP2_PB
7	GND
8	COMP2_PR
9	COMP2_PR
10	GND
11	COMP2_SR_IN
12	COMP2_SL_IN
13	GND
14	COMP2_SR_IN
15	COMP2_SL_IN

JA3001 (to HDMI1)			
1	HDMI1_RX2+	12	HDMI1_RXCLK-
2	GND	13	NC
3	HDMI1_RX2-	14	NC
4	HDMI1_RX1+	15	HDMI1_DDC_SCL
5	GND	16	HDMI1_DDC_SDA
6	HDMI1_RX1-	17	GND
7	HDMI1_RX0+	18	5V
8	GND	19	5V
9	HDMI1_RX0-	20	GND
10	HDMI1_RXCLK+	21	GND
11	GND		

JA3003 (to HDMI2)			
1	HDMI2_RX2+	12	HDMI2_RXCLK-
2	GND	13	NC
3	HDMI2_RX2-	14	NC
4	HDMI2_RX1+	15	HDMI2_DDC_SCL
5	GND	16	HDMI2_DDC_SDA
6	HDMI2_RX1-	17	GND
7	HDMI2_RX0+	18	5V
8	GND	19	5V
9	HDMI2_RX0-	20	GND
10	HDMI2_RXCLK+	21	GND
11	GND		

JA3005_4HM (to HDMI3)(AMBER only)			
1	HDMI3_RX2+	12	HDMI3_RXCLK-
2	GND	13	NC
3	HDMI3_RX2-	14	NC
4	HDMI3_RX1+	15	HDMI3_DDC_SCL
5	GND	16	HDMI3_DDC_SDA
6	HDMI3_RX1-	17	GND
7	HDMI3_RX0+	18	5V
8	GND	19	5V
9	HDMI3_RX0-	20	GND
10	HDMI3_RXCLK+	21	GND
11	GND		

CN3003_NSIDE(to HDMI4)			
1	HDMI4_RX2+	12	HDMI4_RXCLK-
2	GND	13	NC
3	HDMI4_RX2-	14	NC
4	HDMI4_RX1+	15	HDMI4_DDC_SCL
5	GND	16	HDMI4_DDC_SDA
6	HDMI4_RX1-	17	GND
7	HDMI4_RX0+	18	5V
8	GND	19	5V
9	HDMI4_RX0-	20	GND
10	HDMI4_RXCLK+	21	GND
11	GND		

CN3009(to PC)			
1	PC_RED	9	5V
2	PC_GREEN	10	PC_IDENT
3	PC_BLUE	11	GND
4	GND	12	SDA_D
5	GND	13	PC_H_SYNC
6	PC_RED_GND	14	PC_V_SYNC
7	PC_GRN_GND	15	SCL_D
8	PC_BLU_GND		

CN3001(to PC sound)	
1	GND
2	PC_SR_IN
3	PC_SL_IN
4	PC_SL_IN
5	PC_SL_IN
6	PC_SR_IN
7	PC_SR_IN

CN2001(to Speaker)	
1	R+
2	R-
3	L+
4	L-

JA3019_NT(to AV1)	
1	GND
2	AV1_IDENT
3	AV1_CVBS
4	GND
5	AV1_SR_IN
6	AV1_SL_IN
7	GND
8	AV1_SR_IN
9	AV1_SL_IN

CN3006_NSIDE(to S-Video1)	
1	GND
2	GND
3	GND
4	AV2_SIDE_Y
5	AV2_SIDE_C
6	IDENT_SIDE_SVHS

CN3007_NSIDE(to AV2)	
1	GND
2	IDENT_SIDE_AV
3	AV2_CVBS
4	GND
5	SIDE_AV_SR_IN
6	SIDE_AV_SL_IN
7	GND
8	SIDE_AV_SR_IN
9	SIDE_AV_SL_IN

CN3011_NSIDE(to USB)	
1	USB_VCC
2	USB2_DMO
3	USB2_DPO
4	GND

JA3004(to Service Jack)	
1	GND
2	SERVICE_ANY_RX
3	SERVICE_ANY_TX
4	SERVICE_ANY_RX
5	SERVICE_ANY_RX
6	SERVICE_ANY_TX
7	SERVICE_ANY_TX

CN3008_NSIDE(to Headphone)	
1	GND
2	HP_OUT_L
3	HP_OUT_R
4	GND
5	GND
6	IDENT_HP
7	GND
8	GND
9	IDENT_HP
10	NC
11	NC

CN1002 (to IR)			
1	IR	6	KEY_INPUT1_TILT
2	GND	7	KEY_INPUT2_TILT
3	5V	8	5V
4	LED_RED_LOGO	9	5V
5	BUZZER_LOGO	10	LED_CNTR

CN3004_NSIDE (to sideav)			
1	3,3V	22	HDMI_5V_D
2	1,8V	23	IDENT_HDMI_D
3	USB_VCC	24	HDMI_HPD_SINK
4	HP_OUT_L	25	HDMI4__DDC_SDA
5	HP_OUT_R	26	HDMI4__DDC_SCL
6	HP_IDENT	27	GND
7	SIDE_AV_SL_IN	28	HDMI_CEC
8	SIDE_AV_SR_IN	29	GND
9	GND	30	HDMI4_RXCLK-
10	AV2_CVBS	31	HDMI4_RXCLK+
11	IDENT_SIDE AV	32	GND
12	GND	33	HDMI4_RX0-
13	AV_SIDE_C	34	HDMI4_RX0+
14	GND	35	GND
15	AV_SIDE_Y	36	HDMI4_RX1-
16	IDENT_SIDE_SVHS	37	HDMI4_RX1+
17	GND	38	GND
18	USB2_DMOS	39	HDMI4_RX2-
19	USB2_DPOS	40	HDMI4_RX2+
20	GND	41	GND
21	DDC_WP		

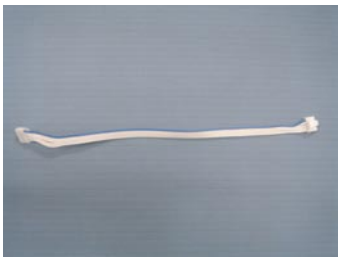
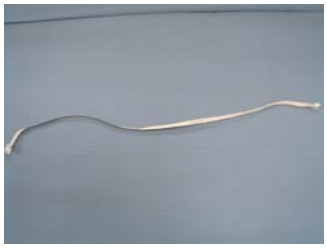
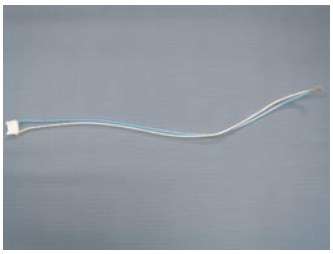
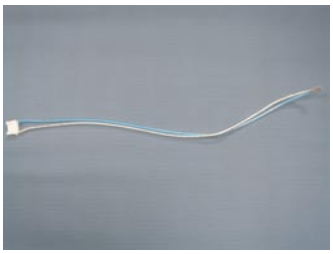
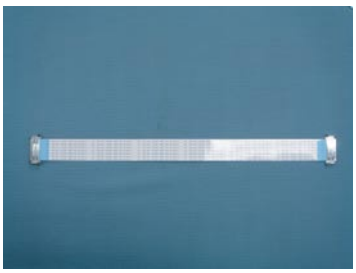
CN3002_NSIDE(to optical Jack)	
1	NC
2	VCC
3	GND

6-2. Connector Functions

Connector	Functions
CN1 <-> CN1805	Supply power and signal from IP Board to Panel Driver.
CN2 <-> CN1801,CN1802	Supply power from IP Board to Panel Driver.
CN1803 <-> CN6004_L	Supply dimming power from IP Board to MainBoard.
CN801 <-> CN1001	Supply main power from IP Board to MainBoard.
CNF <-> CN6002_FFC	The LVDS signal trasfered from MainBoard to Panel(T-Con).
CN3004_Side <-> CN1105 (Only 46 Inch)	The signal transfered from MainBoard to Side_AV.

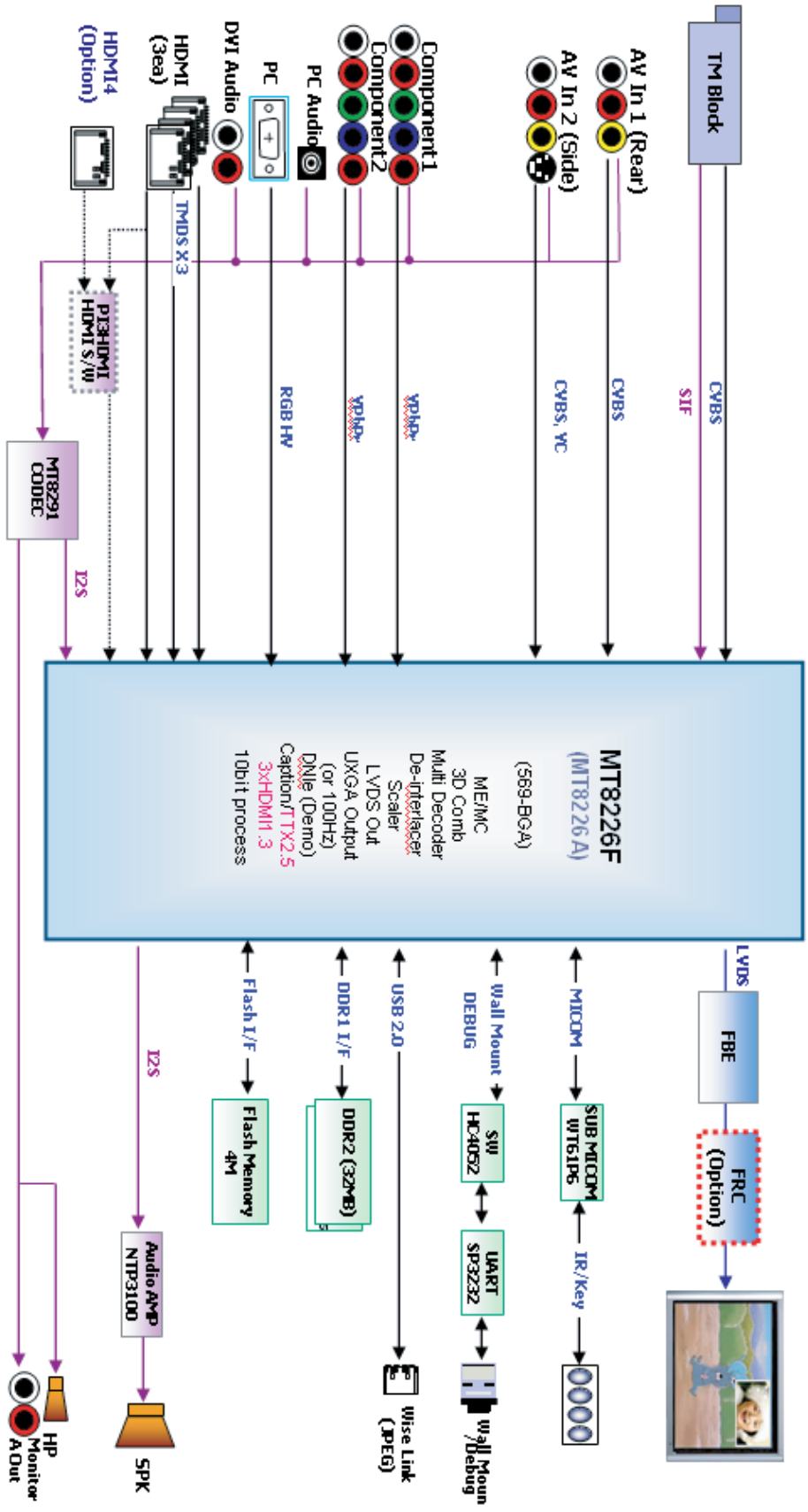
6-3. Cables

6-3-1. LN46A550P3R cables

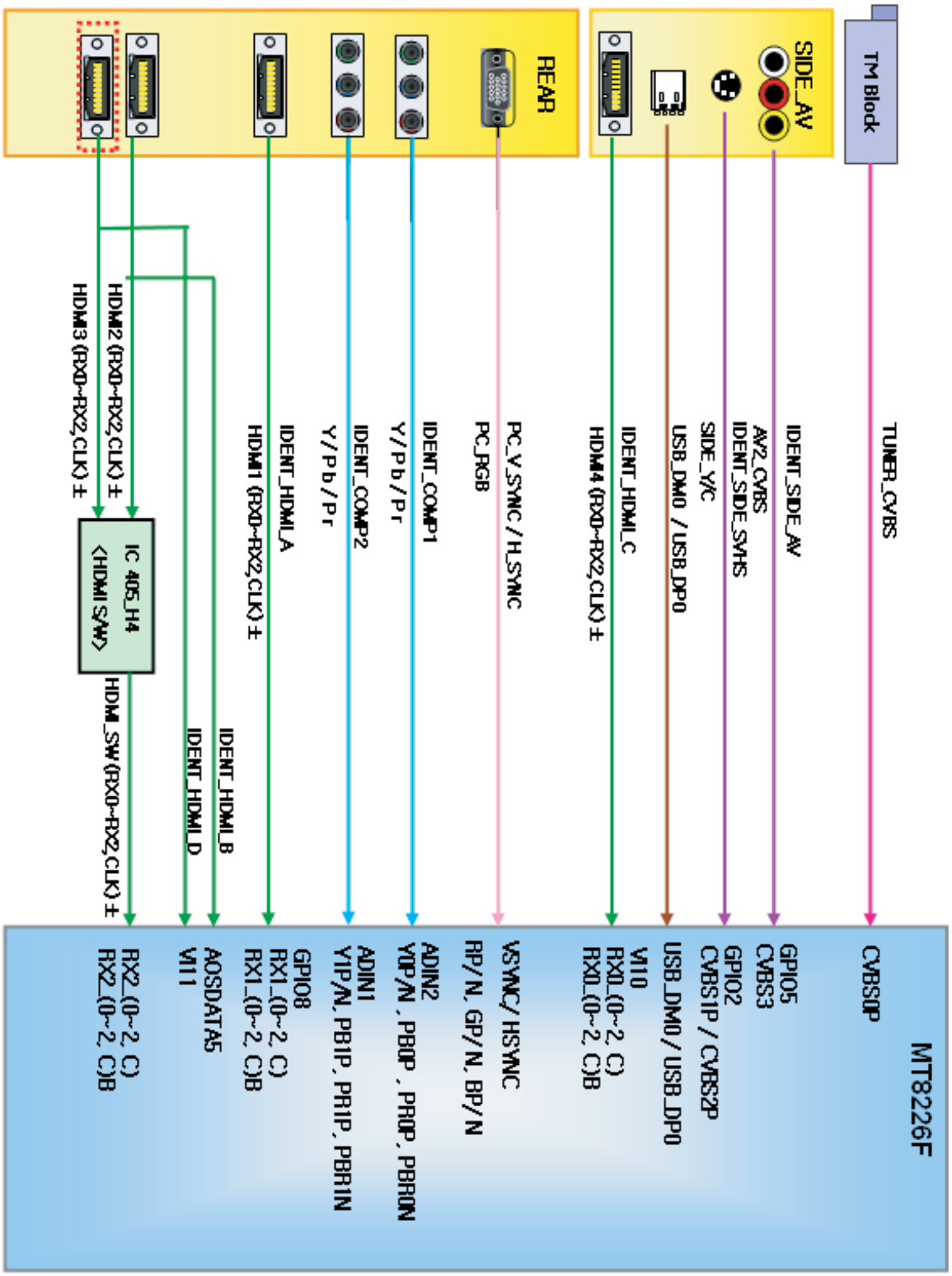
Code	BN39-00674A (Dimming 5P)	BN39-00802F (Power 24P)	BN39-00830A (Feed Back 7P)
Photo			
Code	BN39-01020A (Inverter 2P)	BN39-01024A (Inverter 2P)	BN96-06678A (Side AV Cable Only 46”)
Photo			
Code	BN96-07161E (LVDS Cable)		
Photo			

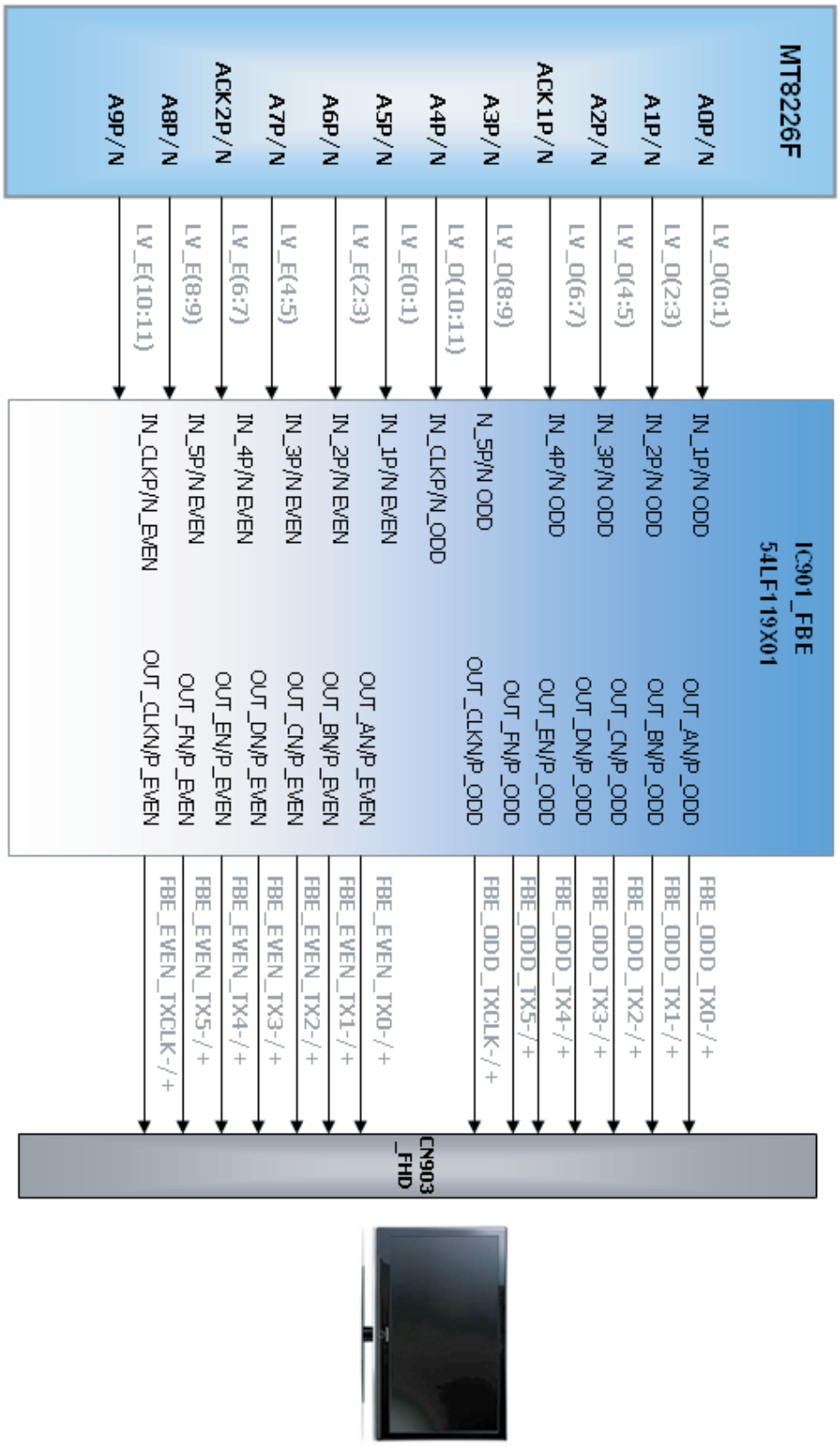
7. Schematic Diagram

7-1. MT8226 Block Diagram

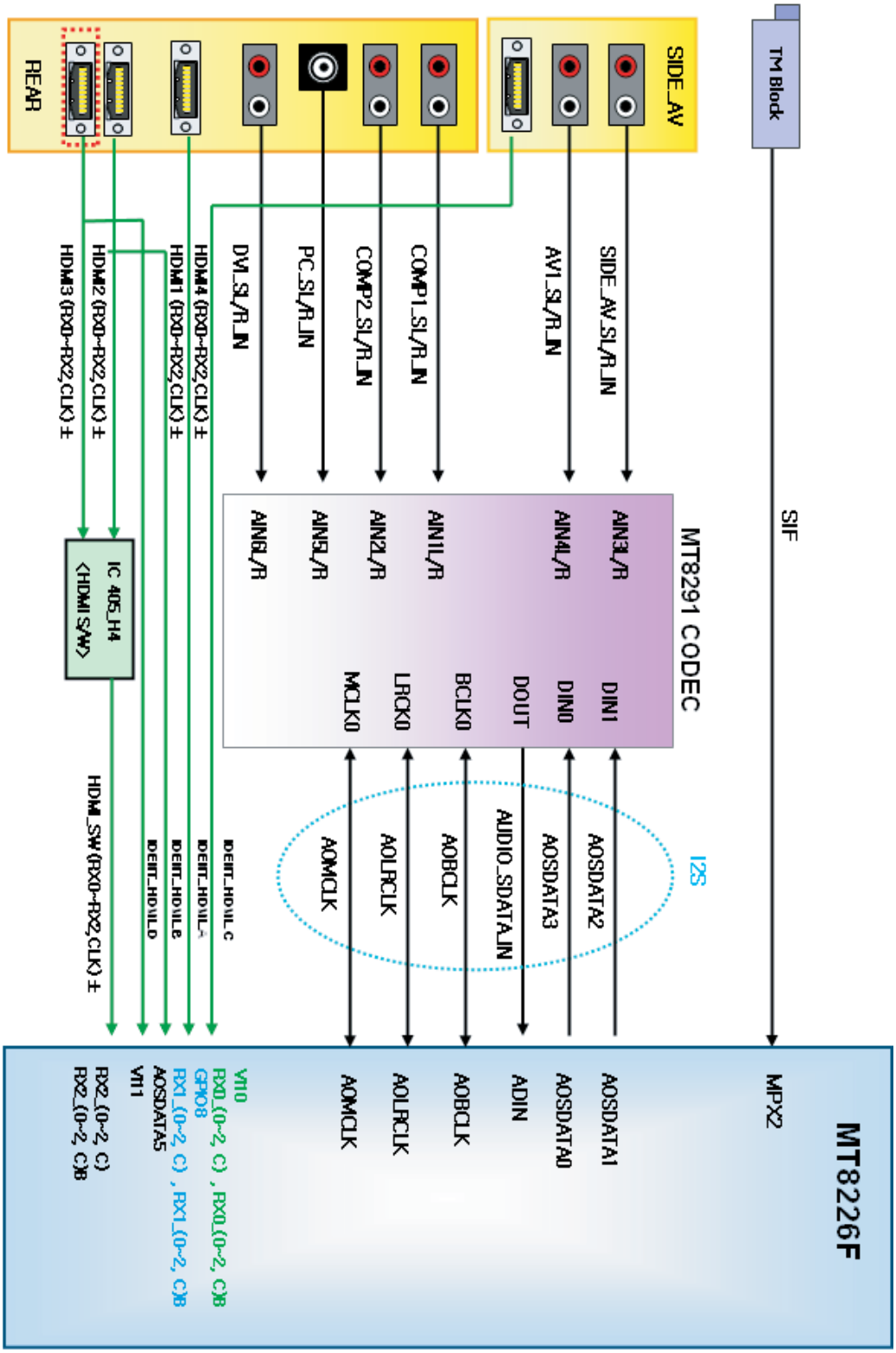


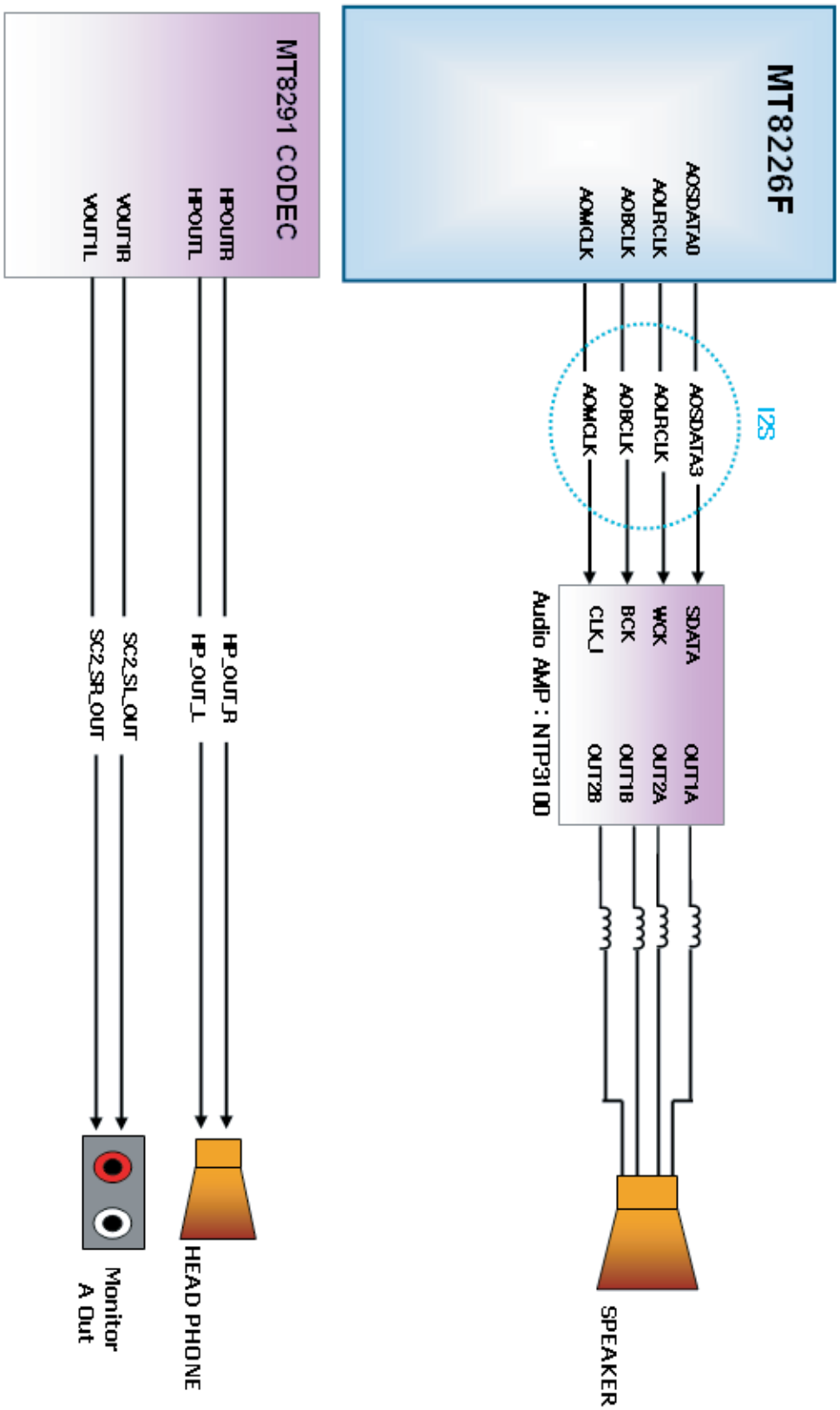
7-2. Video Input / Output Path




MT8226F
A0P/N
A1P/N
A2P/N
ACK1P/N
A3P/N
A4P/N
A5P/N
A6P/N
A7P/N
ACK2P/N
A8P/N
A9P/N
LV_O(0:1)
LV_O(2:3)
LV_O(4:5)
LV_O(6:7)
LV_O(8:9)
LV_O(10:11)
LV_E(0:1)
LV_E(2:3)
LV_E(4:5)
LV_E(6:7)
LV_E(8:9)
LV_E(10:11)
IC901_FBE
54LF119X01
IN_1P/N ODD
IN_2P/N ODD
IN_3P/N ODD
IN_4P/N ODD
N_5P/N ODD
IN_CLKP/N_ODD
IN_1P/N EVEN
IN_2P/N EVEN
IN_3P/N EVEN
IN_4P/N EVEN
IN_5P/N EVEN
IN_CLKP/N_EVEN
OUT_AN/P_ODD
OUT_BN/P_ODD
OUT_CN/P_ODD
OUT_DN/P_ODD
OUT_EN/P_ODD
OUT_FN/P_ODD
OUT_CLKN/P_ODD
OUT_AN/P_EVEN
OUT_BN/P_EVEN
OUT_CN/P_EVEN
OUT_DN/P_EVEN
OUT_EN/P_EVEN
OUT_FN/P_EVEN
OUT_CLKN/P_EVEN
FBE_ODD_TX0-/+
FBE_ODD_TX1-/+
FBE_ODD_TX2-/+
FBE_ODD_TX3-/+
FBE_ODD_TX4-/+
FBE_ODD_TX5-/+
FBE_ODD_TXCLK-/+
FBE_EVEN_TX0-/+
FBE_EVEN_TX1-/+
FBE_EVEN_TX2-/+
FBE_EVEN_TX3-/+
FBE_EVEN_TX4-/+
FBE_EVEN_TX5-/+
FBE_EVEN_TXCLK-/+
CN903
_FHD

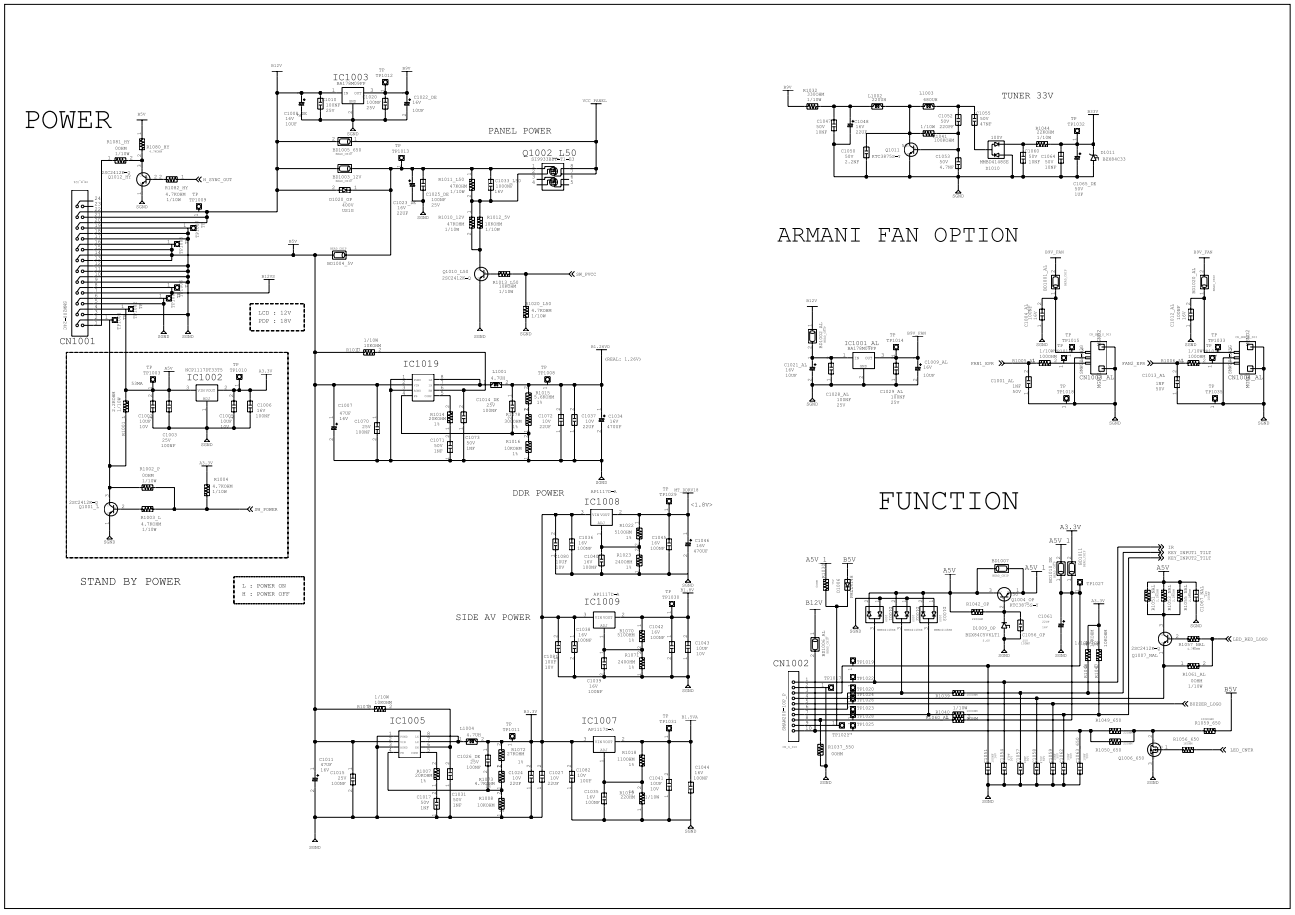
7-3. Audio INPUT / OUTPUT



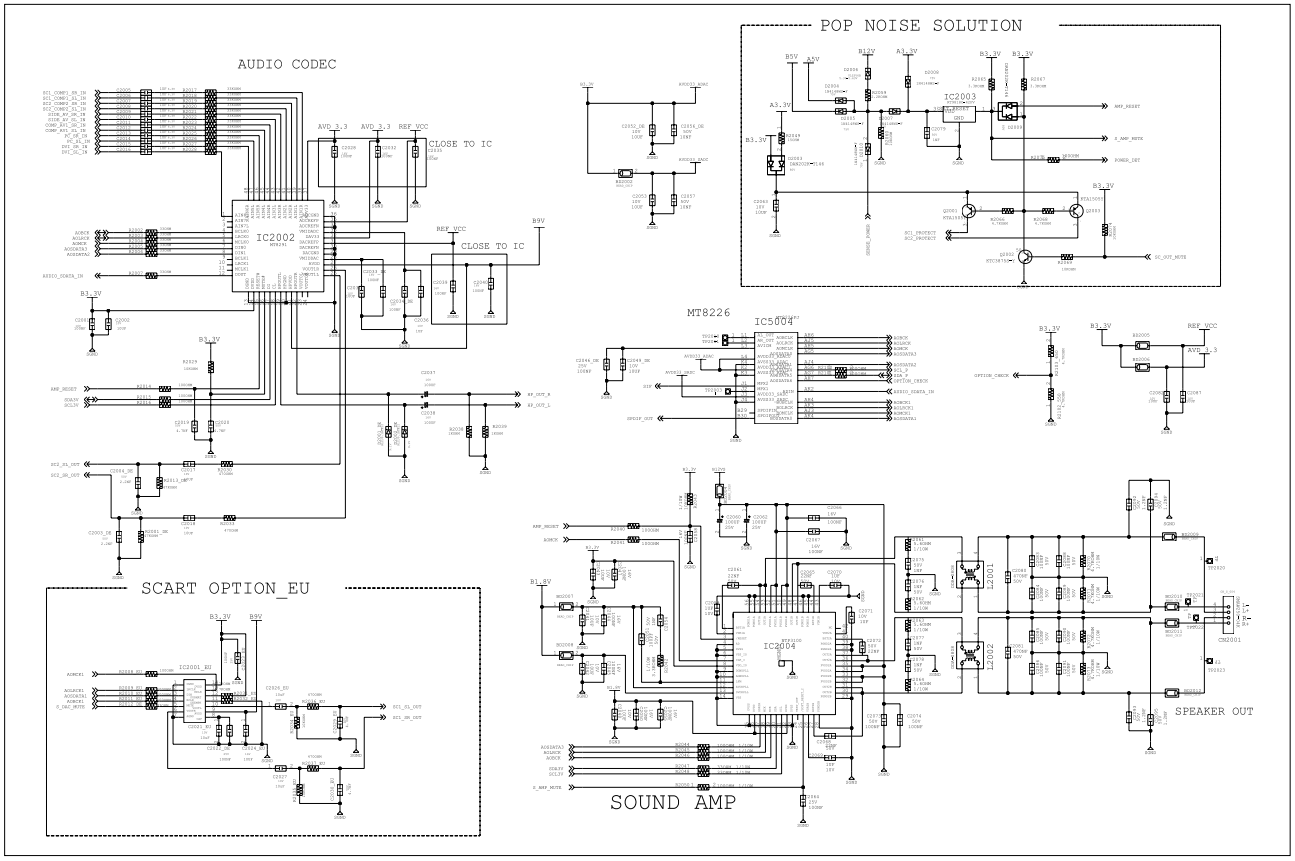

MT8226F
AOSDATA0
AOLRCLK
AOBCLK
AOMCLK
I2S
AOSDATA3
AOLRCLK
AOBCLK
AOMCLK
Audio AMP : NTP3100
SDATA
WCK
BCK
CLK_I
OUT1A
OUT2A
OUT1B
OUT2B
SPEAKER
MT8291 CODEC
HPOUTR
HPOUTL
VOUT1R
VOUT1L
HP_OUT_R
HP_OUT_L
SC2_SL_OUT
SC2_SR_OUT
HEAD PHONE
Monitor
A Out

7-4. Schematic Diagrams

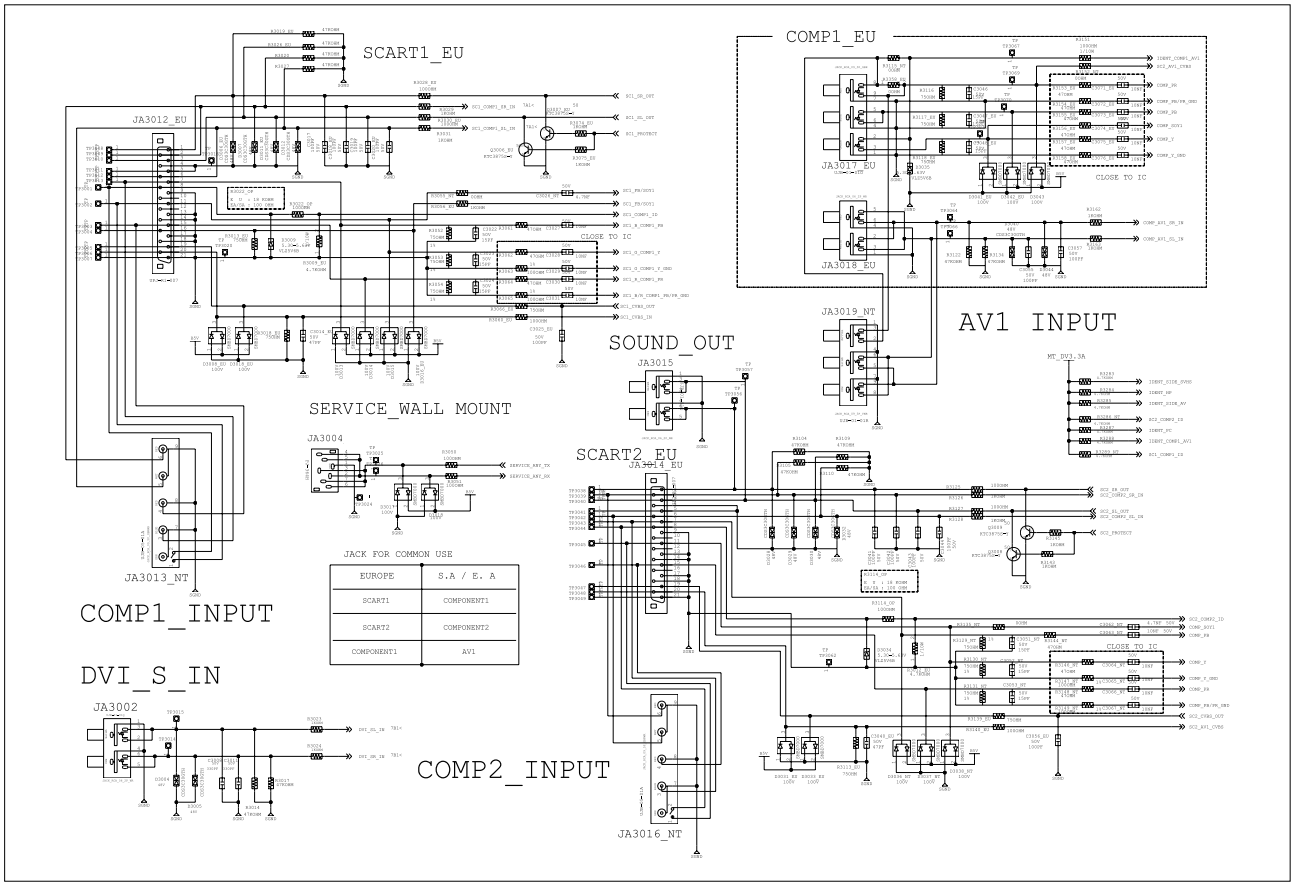
7-4-1. Main Power Block & Function Block



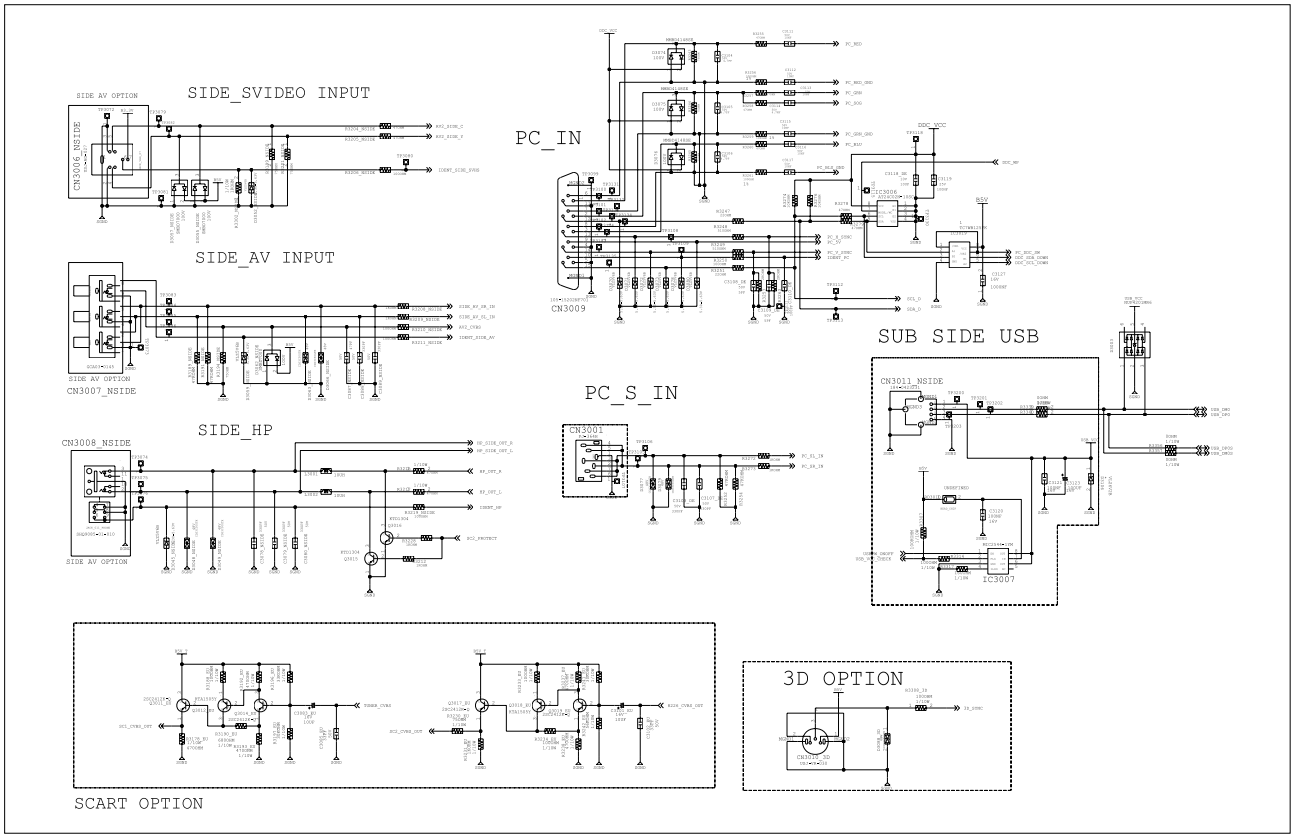
7-2-2. Audio Codec & Pop Noise Solution & Sound Amp (NTP3100)



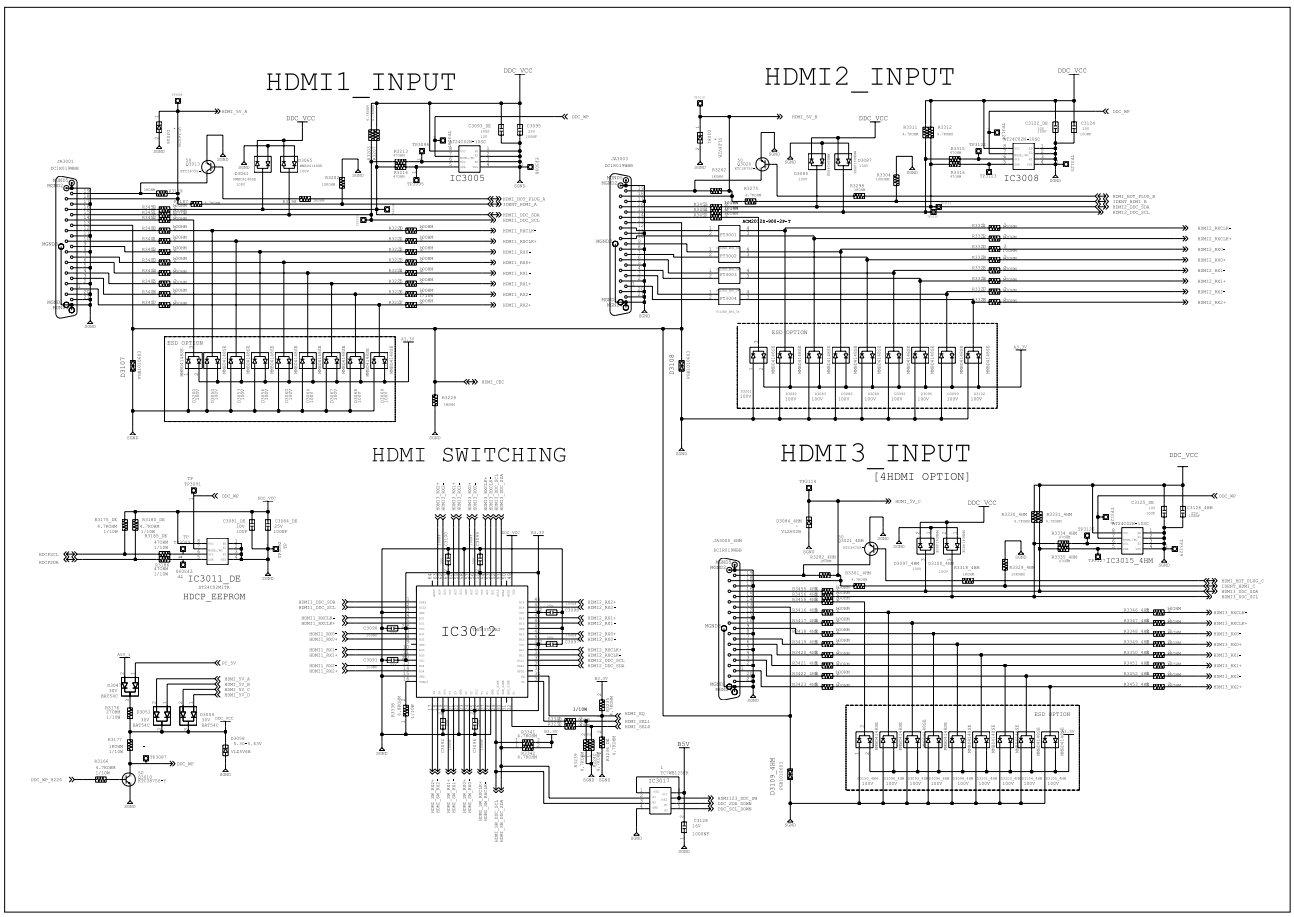
7-2-3. Back AV IN / OUT



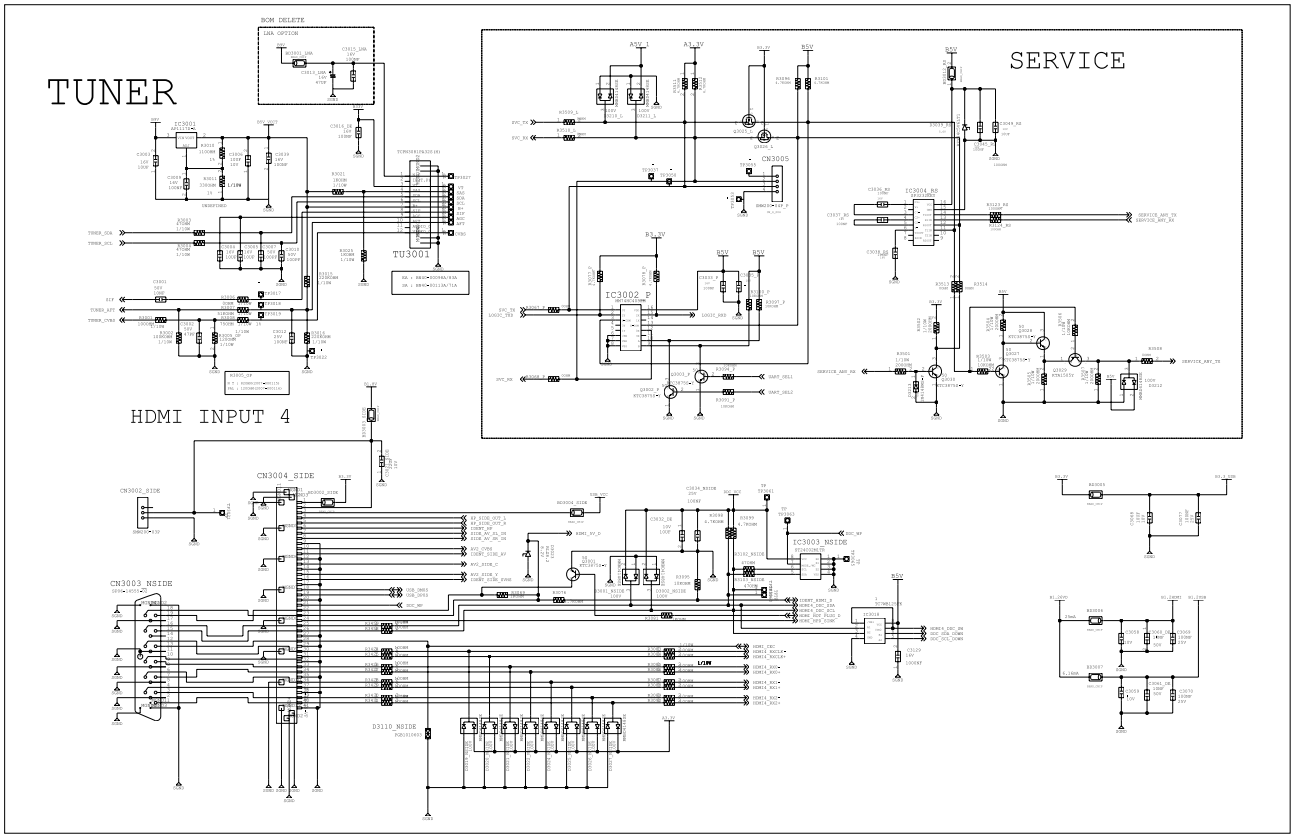
7-2-4. Side AV IN / OUT & PC



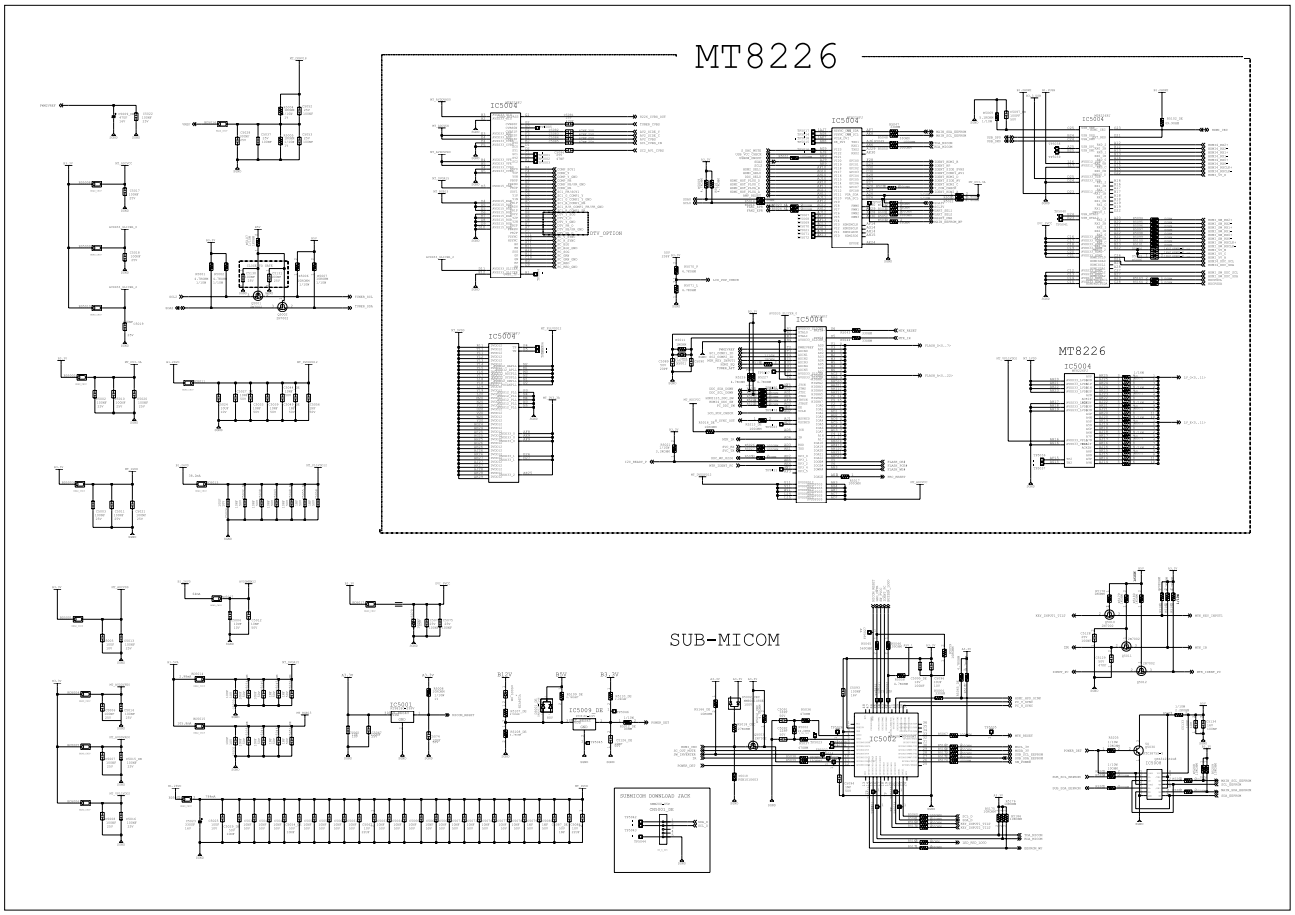
7-2-5. HDMI Switch & HDMI Input



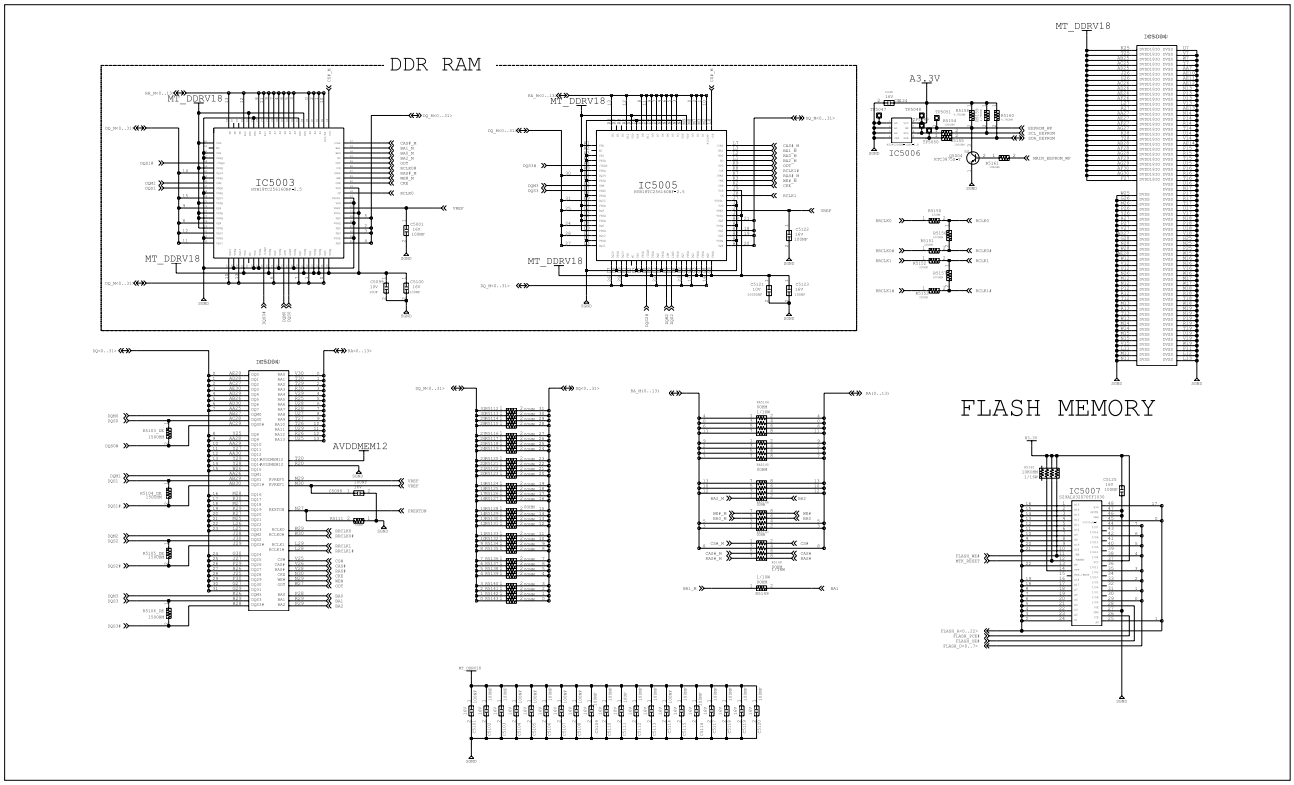
7-2-6. Tuner & Service Block & (HDMI Input 4)



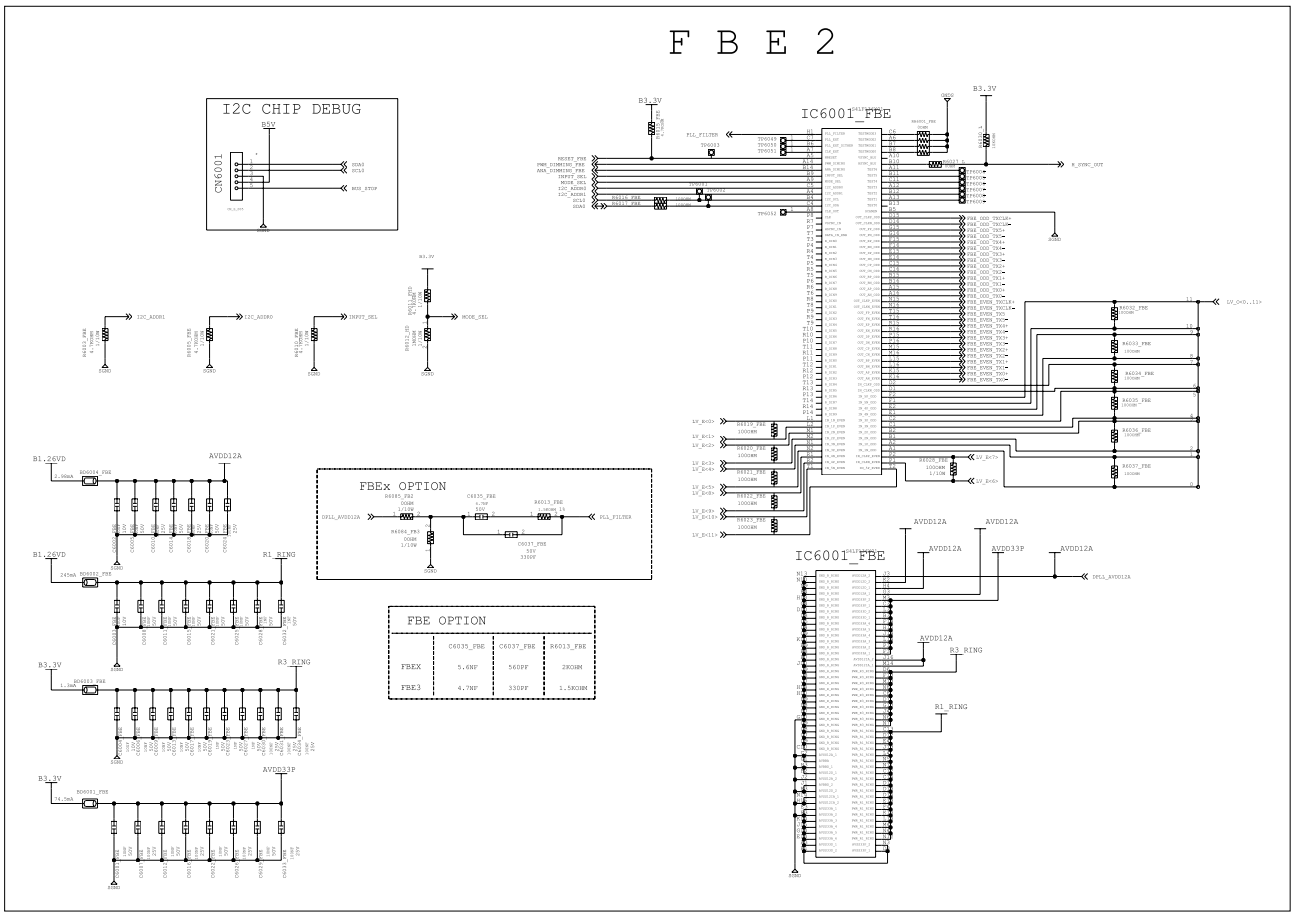
7-2-7. Video Decoder & Scaler (MT8226), Sub Micom (WT6198)



7-2-8. DDR RAM & Main EEPROM & FLASH MEMORY

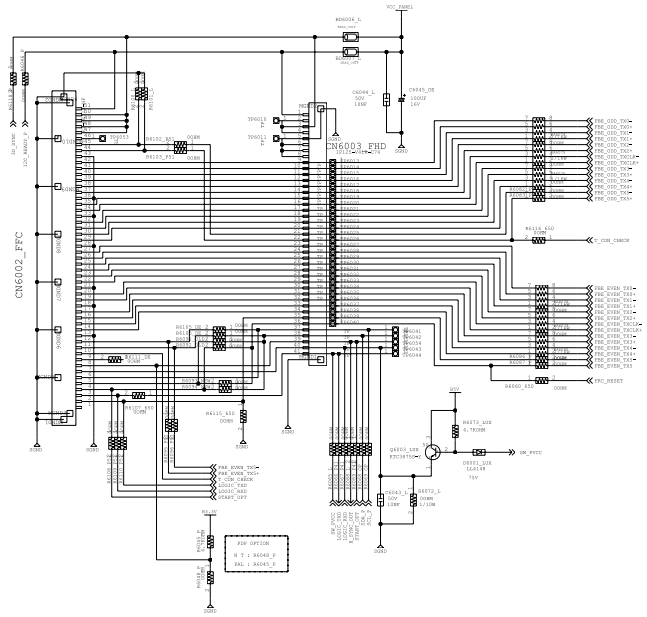


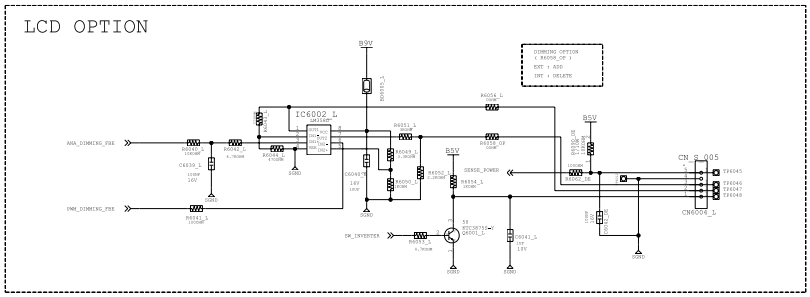
7-2-9. FBE2



7-2-10. LVDS & DIMMING

LVDS & DIMMING





Memo