



LCD-TV

Chassis : N94A

Model : LA32C550J1R
LA37C550J1R
LA40C550J1R
LA46C550J1R

SERVICEManual

TFT-LCD TV



LA32C550J1R/LA37C550J1R/
LA40C550J1R LA46C550J1R

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Model	LA32C550J1R	
Feature		
<div>▶ RF, 2_HDMI4(1-HDMI/DVI), 2-Component, 2-AV, D-Sub, LNA, 2USB</div> <div>▶ Brightness : 500cd/m²</div> <div>▶ High Contrast Ratio : 60,000:1</div> <div>▶ Response Time : 6.5ms</div> <div>▶ PIP(in HDMI 1, 2, 3,4, Component 1,2 PC Mode and Sub picture is available only in TV analog mode)</div>		
Specifications		
Item	Description	
LCD Panel	LTF320HM01, SSCZMS, 8bit, 31.5inch, 16.7M, 16:9, 0.36375(H) X 0.12125(W), 0 to +50, 12V, SPVA, CCFL, 60Hz, AG	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 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	AC 110V ~ 240V, 50/60Hz	
Power Consumption	< 120W (< 0.3W, stand by)	
Dimensions Set (W x D x H)	793.7 x 239 x 557.5_with stand 793.7 x 78 x 494.3_without stand	
Weight (Set)	11.5kg_with stand 8.8kg_without stand	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL, SECAM, NT4.43,NT3.58
	Sound	BG, DK, M, I
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	
Audio spec.	- MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	
Note: LNA, 2USB		

2. Product specifications

Model	LA37C550J1R	
Feature		
<ul style="list-style-type: none"> ▶ RF, 2_HDMI4(1-HDMI/DVI), 2-Component, 2-AV, D-Sub, LNA, 2USB ▶ Brightness : 500cd/m² ▶ High Contrast Ratio : 60,000:1 ▶ Response Time : 6.5ms ▶ PIP(in HDMI 1, 2, 3,4, Component 1,2 PC Mode and Sub picture is available only in TV analog mode) 		
Specifications		
Item	Description	
LCD Panel	T370HW03 VG, AU37H3G, 8bit, 37.0inch, 16.7M, 16:9, 0 to +50, 12V, AMVA3, CCFL, 60Hz	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 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	697.685 (H) x 392.256 (V) mm	
AC power voltage & Frequency	AC 110V ~ 240V, 50/60Hz	
Power Consumption	< 160W (< 0.3W, stand by)	
Dimensions Set (W x D x H)	911.6 x 255 x 622.8 _with stand 911.6 x 78.2 x 559.4 _without stand	
Weight (Set)	14.9kg _with stand 11.5kg _without stand	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL, SECAM, NT4.43,NT3.58
	Sound	BG, DK, M, I
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	
Audio spec.	- MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	
Note: LNA, 2USB		

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2. Product specifications

Model	LA46C550J1R	
Feature		
<ul style="list-style-type: none"> ▶ RF, 2_HDMI4(1-HDMI/DVI), 2-Component, 2-AV, D-Sub, LNA, 2USB ▶ Brightness : 500cd/m² ▶ High Contrast Ratio : 60,000:1 ▶ Response Time : 6.5ms ▶ PIP(in HDMI 1, 2, 3,4, Component 1,2 PC Mode and Sub picture is available only in TV analog mode) 		
Specifications		
Item	Description	
LCD Panel	TFT-LCD panel, T400XW01 V7, AU40X17, RGB vertical stripe,1366 x 768 pixels, 40-Inch viewable, Normally Black, pixel pitch 0.648 x 0.648 mm	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 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	307MHz	
Active Display Horizontal/Vertical	885.168 (H) x 497.66 (V) mm	
AC power voltage & Frequency	AC 110V ~ 240V, 50/60Hz	
Power Consumption	< 210W (< 0.3W, stand by)	
Dimensions Set (W x D x H)	1112.5 x 275 x 736 _with stand 1112.5 x 80.3 x 672.5 _without stand	
Weight (Set)	21.7kg_with stand 17.9kg_without stand	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	PAL, SECAM, NT4.43,NT3.58
	Sound	BG, DK, M, I
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	
Audio spec.	- MAX Internal speaker Out : Right => 10W, Left => 10W - BASS Control Range : -8 dB ~ + 8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	
Note: LNA, 2USB		

2-2. Detail Factory Option

※ If you replace the main board with new one, please change the factory option as well.
The options you must change are "Type".

• LC550

Model Name		LA32C550J1R***	LA37C550J1R***	LA40C550J1R***	LA46C550J1R***	
PANEL	Vendor	AMLCD	AUO	AUO	CMO	
	Code	BN07-00808A	BN07-00828A	BN07-00830A	BN07-00822A	
	SPEC	FHD,72%,31.5" With inverter	FHD,72%,37" With inverter	FHD,72%,40" W/O inverter	FHD,72%,46" W/O inverter	
SMPS	Vendor	SEMCO	SEMCO	SEMCO	SEMCO	
	Code	BN44-00339A	BN44-00339A	BN44-00340A	BN44-00341A	
	SPEC					
No.	Contents	Adjustment Range	Middle.Asia / Africa	Middle.Asia / Africa	Middle.Asia / Africa	
1	Factory Reset		
2	Type	NONE/19O6TH0C/32A6AF0C/...	32A6AF0C	37L6AF0C	40L6AF0C	46D6AF0C
3	Local set	NONE/EA_Vietnam/EA_Thai/...	Depending On Area	Depending On Area	Depending On Area	Depending On Area
4	Model	LC350/LC450/LC530/LC550/ ...	LC530	LC530	LC530	LC530
5	TUNER	DRXKSEMCO/S2Semco/T2CXD/...	DRXKSEMCO	DRXKSEMCO	DRXKSEMCO	DRXKSEMCO
6	DDR	0/1/2	0	0	0	0
7	Light Effect	ON/OFF	OFF	OFF	OFF	OFF
8	Ch Table	NONE/PBA/SUWON/...	Depending On Factory	Depending On Factory	Depending On Factory	Depending On Factory
9	Country
10	Front Color	None/W-Milky/T-M-Brn/T-W-Brn/...	S-R-BLK	S-R-BLK	S-R-BLK	S-R-BLK

2-3. Specification Comparison to Old Models

Model	C550(32/37/40/46)	B550(32/40/46/52)
Design		
Display Type	LCD TV	LCD TV
Built-in Tuner	O	O
Resolution	1920 X 1080	1920 X 1080
LCD Panel	TFT LCD Panel 60Hz	TFT LCD Panel 60Hz
Screen Size	32"/37"/40"/46"	32"/40"/46"/52"
Picture ratio	16 : 9	16 : 9
Dimensions (W x H x D)	32" 793.7 x 239 x 557.5 mm_with stand 37" 911.6 x 255 x 622.8 mm_with stand 40" 980.2 x 255 x 660.9 mm_with stand 46" 1112.5 x 275 x 736 mm_with stand	32" 793.9 x 240.0 x 569.7 mm_with stand 37" 917.4 x 299.9 x 649.7 mm_with stand 40" 982.4 x 255.0 x 675.8 mm_with stand 46" 1116.1 x 275.0 x 769.5 mm_with stand
Weight	32" 11.5 kg_with stand 37" 14.9 kg_with stand 40" 18.2 kg_with stand 46" 21.7 kg_with stand	32" 12.6 kg_with stand 37" 17.9 kg_with stand 40" 18.0 kg_with stand 46" 23.2 kg_with stand
Brightness	500 cd ²	500 cd ²
Contrast Ratio	60,000:1	60,000:1
Equalizer	O	O
FM-TRANSMITTER	X	X
Speaker Output	10W + 10W	10W + 10W
Antenna	1	1

■ CHANNEL FREQUENCY TABLE

1. OUTPUT FREQUENCY : ANALOG fv:45.75MHz, fs:41.25MHz DIGITAL Fc:44MHz

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/ INDONESIA	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
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

2. Product specifications

(Unit : MHz)

CH Number	AREA									
	ASIA W/EUROPE	BAND	CIS E/EUROPE	BAND	HONG KONG U/K	BAND	NZ/ INDONESIA	BAND	SOUTH AFRICA	BAND
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

(Unit : MHz)

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

2. Product specifications

(Unit : MHz)

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	-	-	-	-

Cable CHANNEL

(Unit : MHz)

CH Number	AREA									
	ASIA W/EUROPE	BAND	CIS E/EUROPE	BAND	HONG KONG U/K	BAND	NZ/ INDONESIA	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

2. Product specifications

(Unit : MHz)

CH Number	AREA					
	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
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

(Unit : MHz)

CH Number	AREA					
	AUSTRALIA	BAND	CHINA	BAND	AMERICA	BAND
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
S89					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



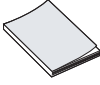
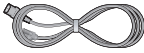
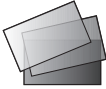
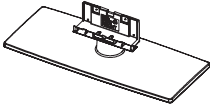
CATV CH mark (A row) : China area : attach 'Z'

besides area : attach 'S'

For example) China : Z10

besides area : S10

2-4. Accessories

Product	Description	Code. No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-01019A BN59-01016A (China)	Samsung Electronics Service center
	Cleaning Cloth	BN63-01798B	
	Owner's Instructions	BN68-02739A ~ L	
	Power Cord	3903-000343	
	Warranty Card / Registration Card / Safety Guide Manual (Not available in all locations)	BN68-00774D AA68-03242M	
	Stand	BN90-02442B (32") BN90-02443B (37") BN90-02466C (40") BN90-02444B (46")	

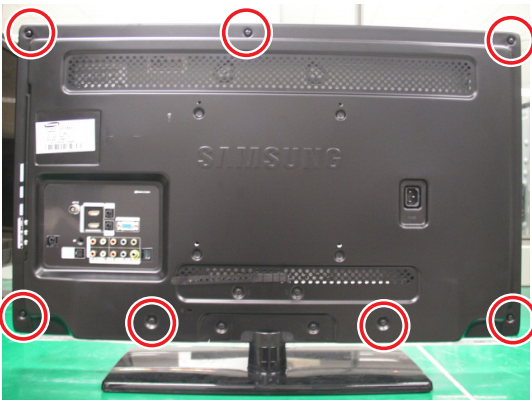

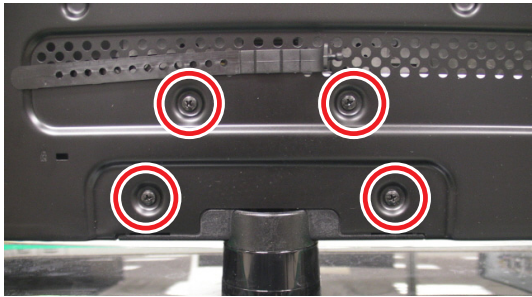

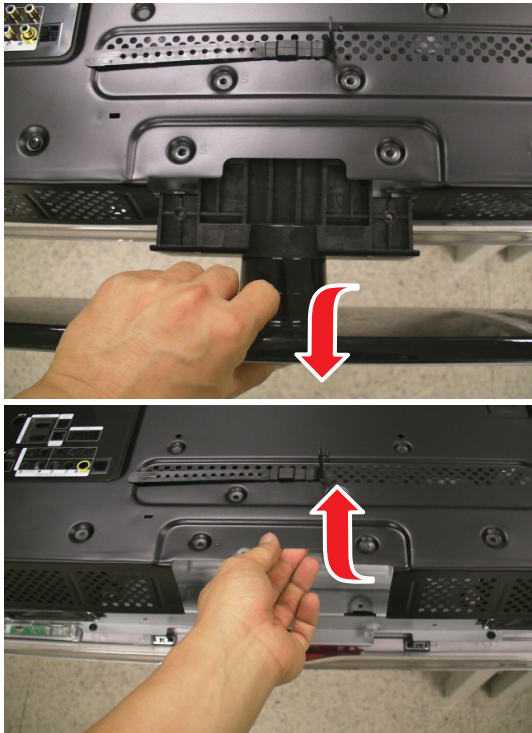
3. Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LA37C550J1R LCD TV.

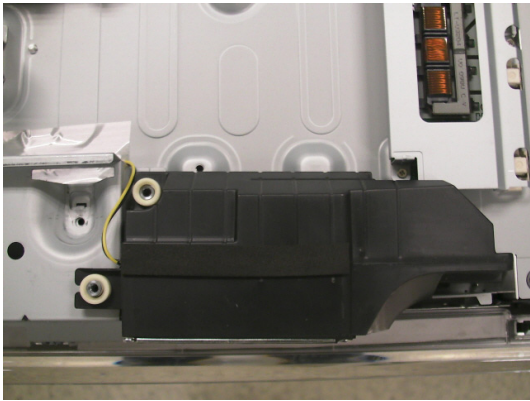
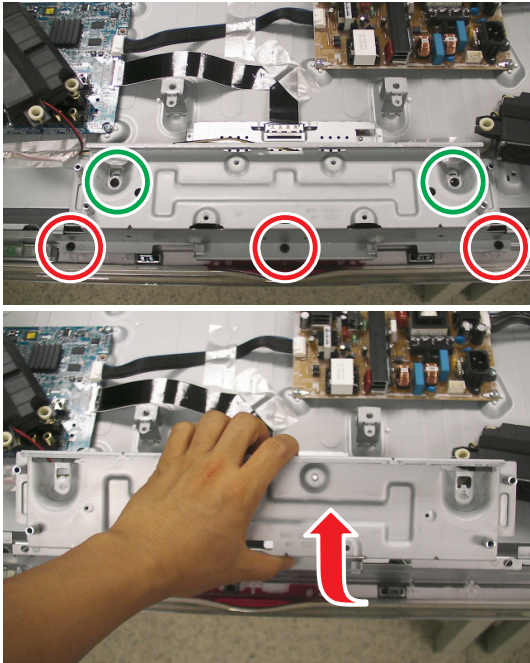




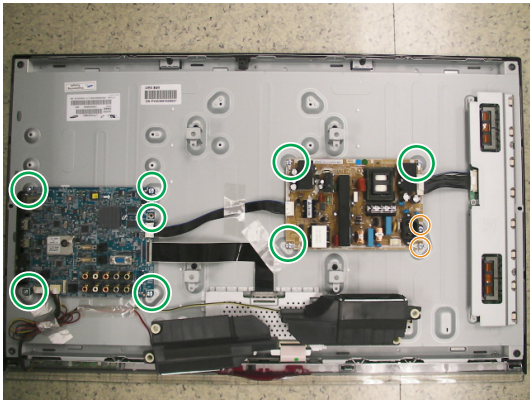


⚠ WARNING: This LCD TV contains electrostatically sensitive devices. Use caution when handling these components.

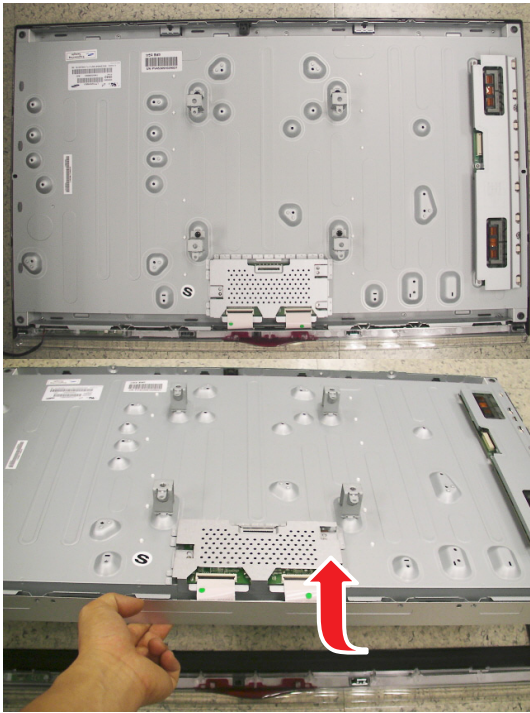

3-1. Disassembly and Reassembly

- ⚠ Cautions:**
- 1. Disconnect the LCD 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 the TV face down on cushioned table. Remove the screws from the Stand. Remove stand.		 O x 7
		 O x 4
2. Lift up rear cover and remove the stand.		

3. Disassembly and Reassembly

Description	Picture Description	Screws
3. Remove the left and right speaker.		
4. Remove Screw from the stand BRKT and lift up the stand BRKT.		 O x 3  O x 2
5. Remove 3 screws from the Panel.		 O x 3
6. Disonnnect cable from the boards.		 O x 8  O x 2

Description	Picture Description	Screws
7. Remove screws and Lift up the Lod panel.		
8. Remove the screws on Panel.		

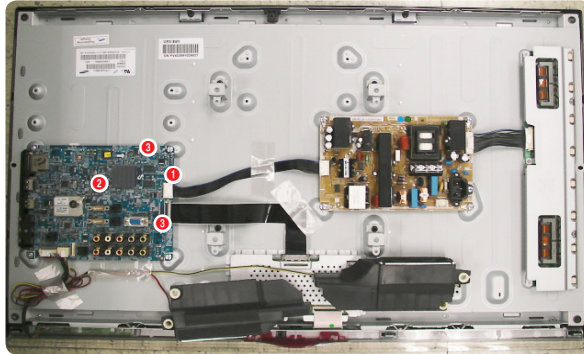
※ Reassembly procedures are in the reverse order of disassembly procedures.

4. Troubleshooting

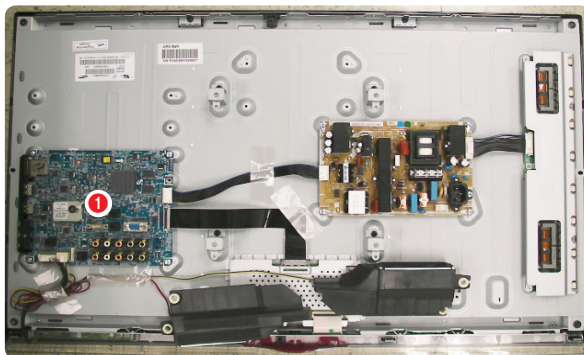
4-1. Troubleshooting

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.

4-1-1. No Power

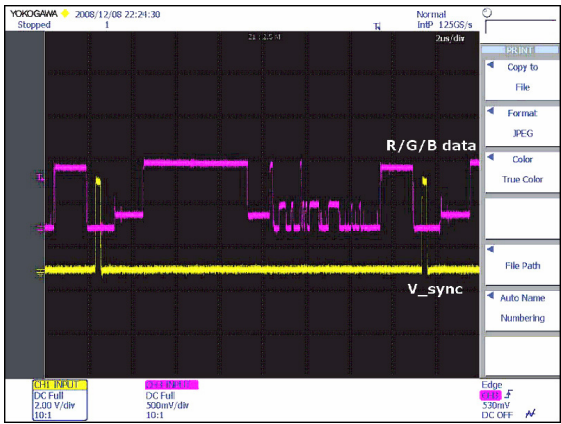
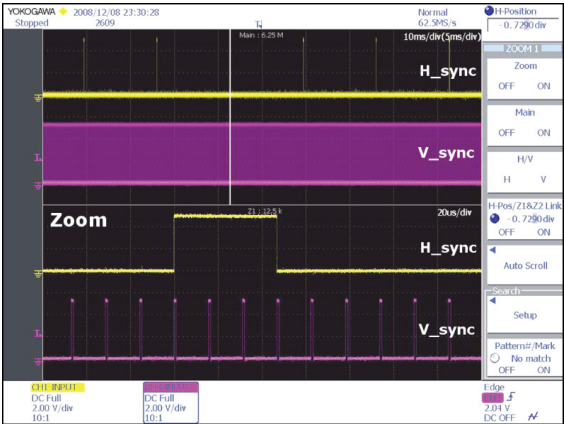
Symptom	<ul style="list-style-type: none"> - The LEDs on the front panel do not work when connecting the power cord. - The SMPS relay does not work when connecting the power cord. - The units appears to be dead.
Major checkpoints	<p>The IP relay or the LEDs on the front panel does not work when connecting the power cord if the cables are improperly connected or the Main Board or SMPS is not functioning. In this case, check the following:</p> <ul style="list-style-type: none"> - 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	 <pre> graph TD Q1[LAMP off, power indicator LED red color?] -- No --> A1[Check a connection a power cable.] Q1 -- Yes --> Q2[1 Does proper DC5V appear at pin 4 of CN210_18P?] Q2 -- No --> A2[Change a Assy PCB Power.] Q2 -- Yes --> Q3[2 Does proper DC A3.3V appear at BD215?] Q3 -- No --> A3[Check a IC201. Change a main PCB ass'y.] Q3 -- Yes --> Q4[3 Does proper DC 3.3V, 1.1V appear at BD216, BD233?] Q4 -- No --> A4[Check a IC203, IC204. Change a main PCB ass'y.] Q4 -- Yes --> Q5[A power is supplied to set?] </pre>
Caution	Make sure to disconnect the power before working on the IP board.

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

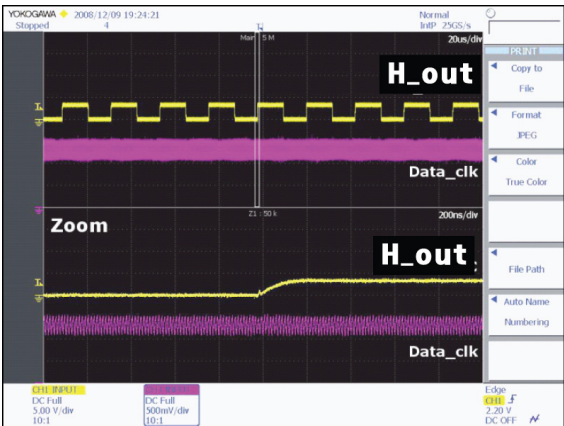
Symptom	<ul style="list-style-type: none"> Audio is normal but no picture is displayed on the screen.
Major checkpoints	<ul style="list-style-type: none"> Check the PC source. Check the IC1102(SX1). This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	 <pre> graph TD A[Power Indicator is off. Lamp on, no video.] -- Yes --> B[Check a PC source and check the connection of DSUB cable?] B -- No --> C[Input a analog PC signal and connected cable(DPMS).] B -- Yes --> D[1 Does the signal appear at R581(R), R582(G), R583(B) of IC1102?] D -- No --> E[PC cable. Change a PC. cable. Change a main PCB ass'y.] D -- Yes --> F[Does the digital data appear at the output of LVDS Cable?] F -- No --> G[IC11021. Change a main PCB ass'y.] F -- Yes --> H[Check a LVDS cable? Replace a lcd panel?] H -- Yes --> I[Please, Call to Samsung Co. LTD.] </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

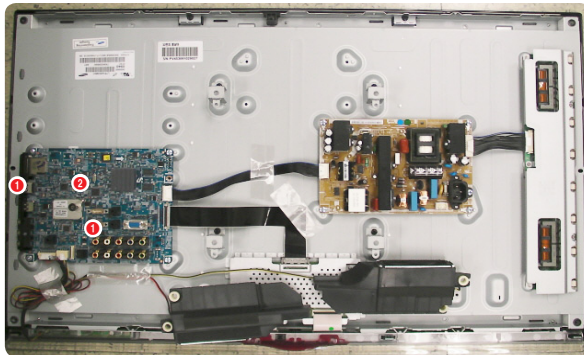
PC input (V-sink , H-sink , R/G/B)



LVDS output

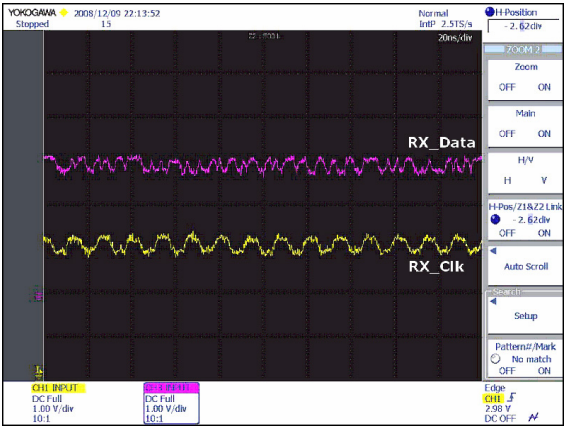


4-1-3. No Video (HDMI - Digital Signal)

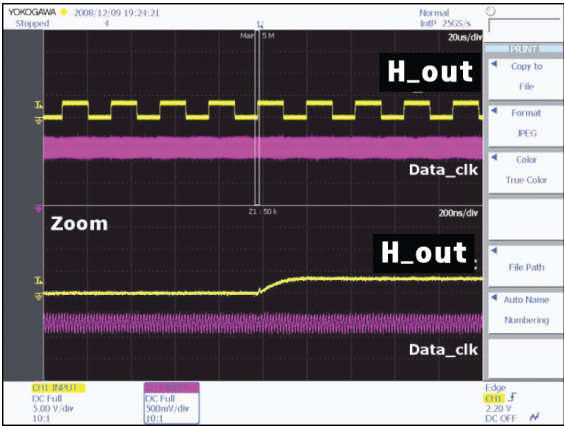
Symptom	<ul style="list-style-type: none"> Audio is normal but no picture is displayed on the screen.
Major checkpoints	<ul style="list-style-type: none"> Check the HDMI source. Check the IC1102(SX1) , Check the HDMI switch This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	 <pre> graph TD Start[Power Indicator is off. Lamp on, no video.] -- Yes --> Q1{1 Check the connection of HDMI cable?} Q1 -- No --> A1[Input a HDMI cable.] Q1 -- Yes --> Q2{2 Does the signal appear at CN1202(Pin#12, #7)(HDMI1), CN1203_H2(Pin#12, #7)(HDMI2), CN1204_SH(Pin#12, #7)(HDMI3), (HDMI RX_Clk , RX_Data)? 550 MODEL CN1201_550(HDMI3) CN1204_SH(HDMI4)} Q2 -- No --> A2[Check HDMI cable. Check a IC1201 HDMI SWITCH IC. Change a main PCB ass'y.] Q2 -- Yes --> Q3{Does the digital data appear at output of output of LVDS Cable?} Q3 -- No --> A3[Check a IC1201 HDMI SWITCH IC. Change a main PCB ass'y.] Q3 -- Yes --> Q4[Check the LVDS cable? Replace the LCD panel?] Q4 -- Yes --> End[Please, Contact Tech support] </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

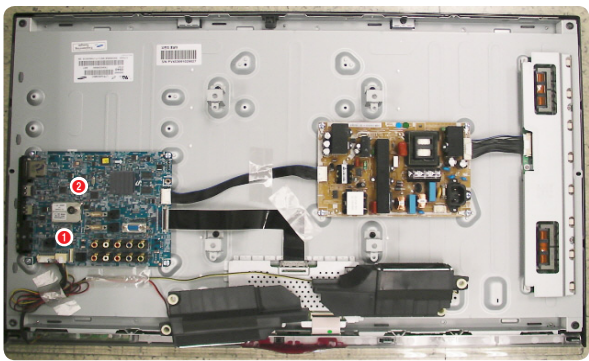
HDMI input (RX_Data, RX_Clk)



LVDS output

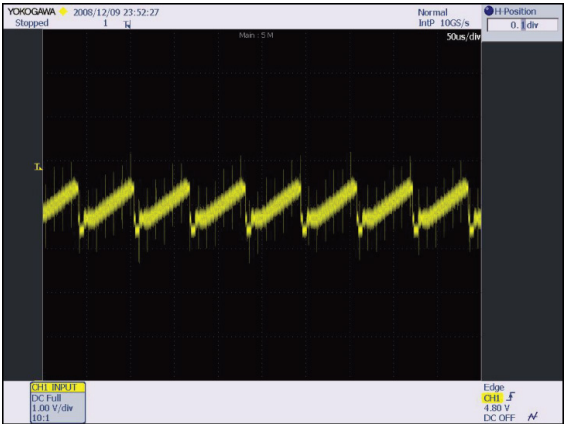


4-1-4. No Video (Tuner_CVBS)

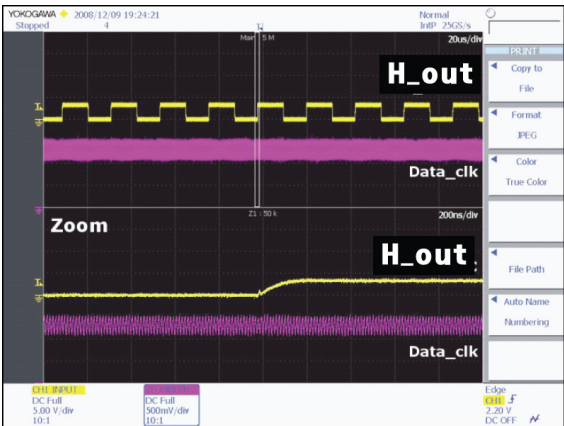
Symptom	<ul style="list-style-type: none"> Audio is normal but no picture is displayed on the screen.
Major checkpoints	<ul style="list-style-type: none"> Check the Tuner CVBS source Check the M-star This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	 <pre> graph TD A[Power Indicator is off. Lamp on, no picture.] -- No --> B[Connect the RF cable and check RF signal.] A -- Yes --> C{1 Does the signal appear #43 of IC801? (DRXK 43PIN CVBS_TP)} C -- No --> D[Check a B+ voltage (IC801 DRXK IC) 3.3V, 1.25V. Change a main PCB ass'y.] C -- Yes --> E{2 Does the Signal appear at R505 of IC1102?} E -- No --> F[Change a main PCB ass'y.] E -- Yes --> G[Check the LVDS cable? Replace the LCD panel?] G -- Yes --> H[Please, Call to Samsung Co. LTD.] </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

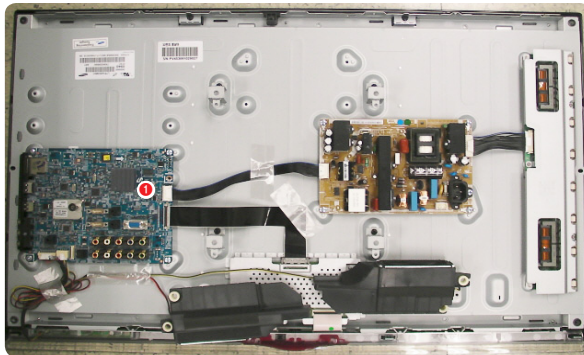
CVBS OUT (Grey Bar)



LVDS output

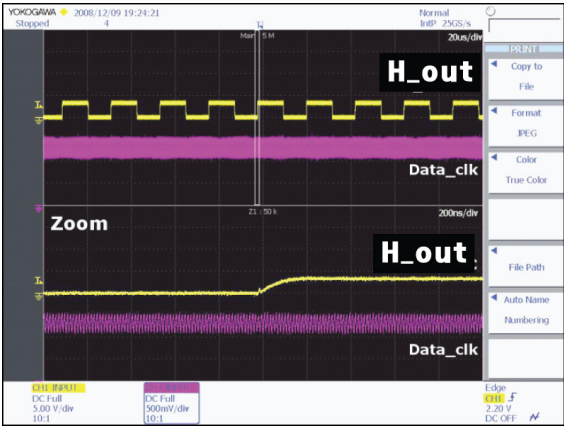


4-1-5. No Picture (Video_CVBS)

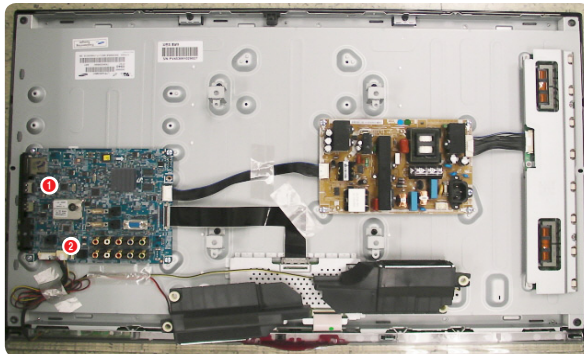
Symptom	<ul style="list-style-type: none"> Audio is normal but no picture is displayed on the screen.
Major checkpoints	<ul style="list-style-type: none"> Check the Video Source Check the M-star This may happen when the LVDS cable connecting the Main Board and the Panel is disconnected.
Diagnostics	 <pre> graph TD A[Power Indicator is off. Lamp on, no picture.] -- No --> B[Check a A/V cable and video signal.] A -- Yes --> C[Does the signal appear at C507, C509 of IC1102?] C -- No --> D[Check a connection harness.] C -- Yes --> E[Check a LVDS cable ? Replcelcd panel?] E -- Yes --> F[Please, Call to Samsung Co. LTD.] </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

LVDS output



4-1-6. No Sound

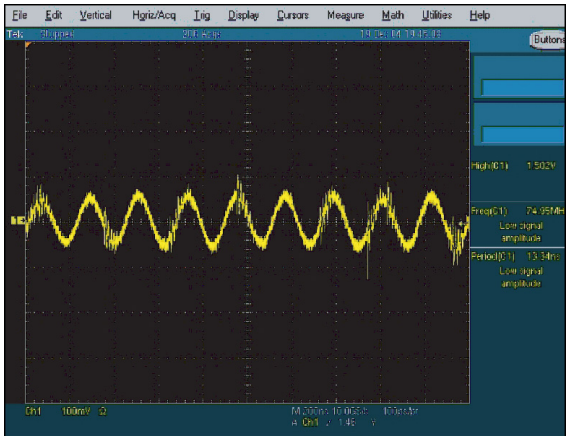
Symptom	<ul style="list-style-type: none"> Video is normal but there is no sound..
Major checkpoints	<ul style="list-style-type: none"> When the speaker connectors are disconnected or damaged. When the sound processing part of the Main Board is not functioning. Speaker defect.
Diagnostics	 <pre> graph TD Start[Picture is display, no sound.] -- No --> Step1[Connect a sound cable. control a volume.] Start -- Yes --> Step2{1 Does the signal appear at R832, R833, R834 (I2S_LRCLK, _I2S_BCLK, _I2S_DATA) of IC801?} Step2 -- No --> Step3[Check a connection harness and headphone jack./Side AV. Check Sound Processor IC1102(SX1).] Step2 -- Yes --> Step4{1 Check the B 3.3V, B 1.2V of IC801?} Step4 -- No --> Step5[Change a DRXK IC IC801. Change a main PCB ass'y.] Step4 -- Yes --> Step6{2 Does the signal appear at L1465_FL1466_F,L2002 near IC1401?} Step6 -- No --> Step7[Change a DRXK IC IC1401. Change a main PCB ass'y.] Step6 -- Yes --> Step8[Replace the speaker ass'y?] </pre>
Caution	Make sure to disconnect the power before working on the IP board.

WAVEFORMS

	I2S Data
--	----------



	Speaker out
--	-------------



4-2. Alignments and Adjustments

4-2-1. General Alignment Instruction

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

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



- If you have Factory remote - control



- The buttons are active in the service mode.

1. Remote - Control Key : Power, Arrow Up, Arrow Down, Arrow Left

Arrow Right, Menu, Enter, Number Key(0~9)

2. Function - Control Key : Power, CH +, CH -, VOL +, VOL -,
Menu, TV/VIDEO(Enter)

4-3-2 Panel Check

You have to check Panel Maker Because of different adjustments as follows.

First of all, Check the label rating!

1) Label Rating File

- LCD PANEL MARK

A:ACER(AUO) S : SEC C : CMO

* If not printed you could consider S(sec) panel mark.

4-3-3 Factory Data

■ Option

OPTION	Factory Name	Data	Range	Use
	Factory Reset			
	Type		NONE/19O6TH0C/19A6TH0C/22I6TH0C/22A6TH0C/22D6TH0C/22P6TH0C/26A6AH0C/26D6AH0C/26L6AH0C/26P6AH0C/32A6AH0C/32D6AH0C/32L6AH0C/32P6AH0C/32A6AF0C/32L6AF0C/32A1AF0C/32L1AF0C/37L6AF0C/37L1AF0C/40A6AF0C/40D6AF0C/40L6AF0C/40A1AF0C/40L1AF0C/40A1UF0C/40D1UF0C/40L1UF0C/46A6AF0C/46D6AF0C/46L6AF0C/46A1AF0C/46L1AF0C/46A1UF0C/46D1UF0C/46L1UF0C/55A1UF0C/55L1UF0C/65L1UF0C/19R6TH0E/22D6TH0E/26D6AH0E/32D6AH0E/32D6UF0E/32A1UF0E/32D1UF0E/37L6UF0E/37D1UF0E/37L1UF0E/40D6UF0E/40A1UF0E/40D1UF0E/46D6UF0E/46L6UF0E/46A1UF0E/46D1UF0E/46L1UF0E/55A1UF0E/55D1UF0E/55L1UF0E/65L1UF0E/42HHcD3/50H HcD450FArN4/50FArV458FArN1/58FArV163FArN1/	Select Panel Type ❶ ❷ : inch ❸ : vendor ❹ : refresh ❺ : POL ❻ : resolution ❼ : multi ❽ : BLU
	Local Set	EU	NONE/EA_Vietnam/EA_Thai/EA_INA/EA_China/EA_India/EA_Iran/EA_Israel/EA_MidAsia/EA_EastAsia/EA_Africa/EA_Nepal/ED_S_Africa	Select Area
	Model	LC530	LC350/LC450/LC450H/LC451/LC452/LC457HLC459H/LC480/LC530/LC530H/LC539H/LC540/LC550/LC560/LC580/LC570/LC610/LC620/LC630/LC631/LC632/LC633/LC640/LC650/LC652/LC653/LC654/LC670/UC400/UC400H/UC4010/UC5000/UC5100/UC6000/UC6200/UC6300/UC6400/UC6400H/UC6500/UC6510/UC6530/UC6540/UC6550/UC6600/UC6620/UC6630/UC6700/UC6720/UC6730/UC6740/UC6800/UC6830/UC6900/UC6900H/UC8000/PC420/PC430/PC431/PC432/PC450/PC451/PC480/PC520/PC530/PC531/PC540/PC541/PC550/PC551/PC560/PC580/PC590/PC670/PC6100/PC6400/PC6500/PC7000/PC7700/PC8000	Select Model
	TUNER	DRXKSEMCO	DRXKSEMCO/S2Semco/T2CXD/DRXKSEM_E/DRXKALPS/DRXKSEN_2/DRXKXG	EU : DRXKSEMCO AU : DRXKALPS satellite : S2Semco
	DDR	SAMSUNG / Etron	SAMSUNG	SAMSUNG
	Front Color		NONE/W-MILKY/T-M-Brn/T-W-Brn/T-W-Gray/W-D-Gray/W-M-Whit/W-Violet/T-C-Gray/T-R-BLK/S-BLK/S-RBLK/S-C-Gray/	Select Design for Illuminance Sensor

■ Control

Control	Factory Name	Data	Range
	EDID		
	Sub Option		
	Shop Option		
	Sound		

EDID	Factory Name	Data	Use
	EDID ON/OFF	OFF	Download EDID data to EEPROM. 1. Set "ON" of EDID ON/OFF. 2. Go EDID WRITE ALL and Push Enter or ► button. 3. If You See Success message, SET "OFF" of EDID ON/OFF.
	EDID WRITE ALL	...	
	EDID WRITE PC	...	
	EDID WRITE HDMI	...	
	EDID WRITE HDMI1	...	
	EDID WRITE HDMI2	...	
	EDID WRITE HDMI3	...	
	EDID WRITE HDMI4	...	
	EDID 1.2 PORT	...	
	EDID WRITE DVI	...	

Sub Option	Factory Name	Data	RANGE	Use
	RS-232 Jack	UART	Debug/Logic/UART	Select Setting of UART port. Initial value is "UART"
	Watchdog	ON	ON/OFF	Select Watchdog. Initial value is "ON"
	WD Count	0	255	Watchdog Count. Read Only.
	Dimm Type	EXT	fixed	Select Dimming Type. Initial value is "EXT"
	Lvds Format	JEIDA	JEIDA/VESA/19INCH	Select LVDS format. 19inch : VESA" other inch : "JEIDA"
	OTN Server Type	operating	operating/development	
	OTN Test Server	OFF	OFF/ A/B/C/D/E Zone	
	OTN Support	ON	ON/OFF	
	OTN Reset		not modified	
	OTN Duration	OFF	ON/OFF	
	OTN Fail Test	OFF	ON/OFF	
	T-CON USB Download	Failure	fixed	
	View Log		not modified	

Hotel Option	Factory Name	Data	Range	
	Hotel Mode	OFF		
	SI Vender	...		
	Power On Channel	...		
	Channel Type	...		
	Power On Volume	...		
	Min Volume	...		
	Max Volume	...		
	Panel Button Lock	...		
	Power On Source	...		
Shop Option	Factory Name	Data	Range	
	Shop Mode	OFF	ON/OFF	
	Exhibition Mode	OFF	ON/OFF	
Sound	Factory Name	Data	Range	Use
	High Devi	OFF	ON/OFF	
	Carrier_Mute	ON	ON/OFF	
	Speaker Delay Normal	10	0~255	Audio delay for Lipsync
	Pilot Level High Thld	0x70h	0x00~0xff	Control for ATV sound of stereo / multiplex
	Pilot Level Low Thld	0x20h	0x00~0xff	Control for ATV sound of stereo / multiplex
	Speaker EQ	ON	ON/OFF	Control for sound precision

SVC

SVC	Factory Name	Data	Range
	Test Pattern		fixed
	Panel Auto Setting		
	Panel Display Time	0Hr	
	Logic Usb D/L	off	
	Tuner Status		

Test Pattern	Factory Name	Data	Range	Use
	Pattern Sel	OFF	OFF/ White/Grey/Black Red/Green/Blue	Test for Input of Scaler. If you can see pattern well, there is problem at input of Scaler.
	FRC PC Mode	...	ON/OFF	
	Logic Pattern Sel	...	Not modified	
	Logic Level Sel	...	Not modified	

TUNER STATUS	Factory Name	Factory Name	Range
	DVB	SNR	Not modified
		BER	Not modified
		Singal Strength	Not modified
		Bandwidth	Not modified
		Frequency	Not modified
		LNA Status	Not modified
		FFT	Not modified
		Modulation	Not modified
		Code Rate	Not modified
		GI	Not modified
		Hier Modulation	Not modified
		Frequency Offset	Not modified
		Timing Offset	Not modified
		AGC	Not modified
		UCB	Not modified
		PLL Type	Not modified
		DEMOD Type	Not modified
		TPS LOCK	Not modified
		RS Lock	Not modified
		SSI	Not modified
		SQI	Not modified

	ISDB-T	FFT Size_1	Not modified
		Guard Interval_1	Not modified
		Freq. Offset_1	Not modified
		SNR_1	Not modified
		IF AGC_1	Not modified
		TMCC Lock_1	Not modified
		TS Packet_1	Not modified
		Master Lock_1	Not modified
		A_Modulation_1	Not modified
		A_Code Rate_1	Not modified
		A_Timer InterLeave_1	Not modified
		A_Segments Num_1	Not modified
		A_Ber_1	Not modified
		B_Modulation_1	Not modified
		B_Code Rate_1	Not modified
		B_Timer InterLeave_1	Not modified
		B_Segments Num_1	Not modified
		B_BER_1	Not modified
		C_Modulation_1	Not modified
		C_Code Rate_1	Not modified
		C_Timer InterLeave_1	Not modified
		C_Segments Num_1	Not modified
		C_BER_1	Not modified

■ Expert

SVC	Factory Name	Data	Range
	N / D ADJ	Off	Off / On / FIX
	SOURCE	...	Not modified

■ ADC/WB

ADC/WB	Factory Name	Data	Range
	ADC		
	ADC Target		
	ADC RESULT		
	WB		

ADC	Factory Name	Data	Range
	AV Calibration	Success	Success / Failure
	Comp Calibration	Success	Success / Failure
	PC Calibration	Success	Success / Failure
	HDMI Calibration	Success	Success / Failure

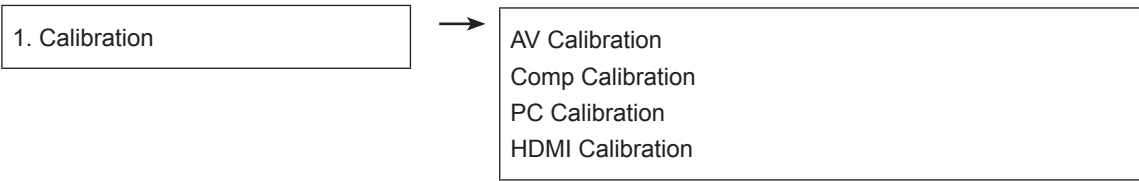
ADC Target	Factory Name	Data	Range
	1st_AV_Low	18	0 ~ 255
	1st_AV_High	220	0 ~ 255
	1st_AV_Delta	1	0 ~ 255
	1st_COMP_Low	16	0 ~ 255
	1st_COMP_High	235	0 ~ 255
	1st_COMP_Delta	1	0 ~ 255
	1st_PC_Low	2	0 ~ 255
	1st_PC_High	235	0 ~ 255
	1st_PC_Delta	1	0 ~ 255
	2nd_Low	1	0 ~ 255
	2nd_High	235	0 ~ 255
	2nd_Delta	1	0 ~ 255

ADC RESULT	Factory Name	Data	Range
	1st_AV_Gain	127	0 ~ 255
	1st_AV_Offset	139	0 ~ 255
	1st_Comp_Gain	68	0 ~ 255
	1st_Comp_Gain_Cb	68	0 ~ 255
	1st_Comp_Gain_Cr	68	0 ~ 255
	1st_Comp_Offset	127	0 ~ 255
	1st_Comp_Offset_Cb	127	0 ~ 255
	1st_Comp_Offset_Cr	127	0 ~ 255
	1st_PC_R_Gain	96	0 ~ 255
	1st_PC_G_Gain	95	0 ~ 255
	1st_PC_B_Gain	94	0 ~ 255
	1st_PC_R_Offset	127	0 ~ 255
	1st_PC_G_Offset	127	0 ~ 255

	1st_PC_B_Offset	127	0 ~ 255
	2nd_R_Offset	110	0 ~ 255
	2nd_G_Offset	110	0 ~ 255
	2nd_B_Offset	110	0 ~ 255
	2nd_R_Gain	165	0 ~ 255
	2nd_G_Gain	165	0 ~ 255
	2nd_B_Gain	165	0 ~ 255
WB	Factory Name	Data	Range
	Sub Brightness	128	0 ~ 255
	R_Offset	128	0 ~ 255
	G_Offset	128	0 ~ 255
	B_Offset	128	0 ~ 255
	Sub Contrast	128	0 ~ 255
	R_Gain	128	0 ~ 255
	G_Gain	128	0 ~ 255
	B_Gain	128	0 ~ 255
	Movie R Offset	122	0 ~ 255
	Movie B Offset	145	0 ~ 255
	Movie R Gain	156	0 ~ 255
	Movie B Gain	39	0 ~ 255

4-4. White Balance - Calibration

4-4-1 White Balance -Calibration

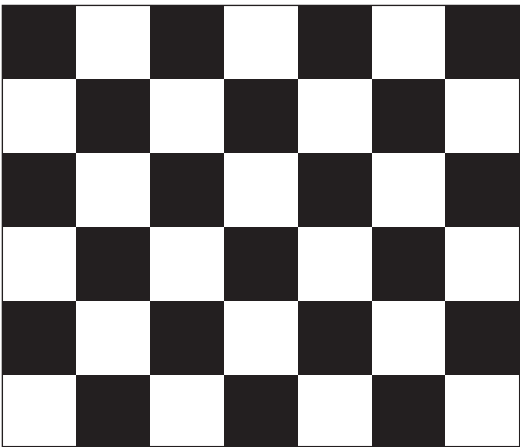


4-4-2 Service Adjustment - You must perform Calibration in the Lattice Pattern before adjusting the White Balance.

■ 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>

■ Method of Color Calibration (AV)

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

4-4-3 White Balance - Adjustment

	(low light)	(hight light)
5. W/B	<div>Sub Bright R offset G offset B offset</div>	<div>Sub Contrast R gain G gain B gain</div>

(W/B adjustment Condition refer next page)

4-5. Servicing Information

4-5-1 USB Download Method

Samsung may offer upgrades for TV's firmware in the future. Please contact the Samsung call center at 1-800-SAMSUNG (726-7864) to receive information about downloading upgrades and using a USB drive. Upgrades will be possible by connecting a USB drive to the USB port located on your TV.

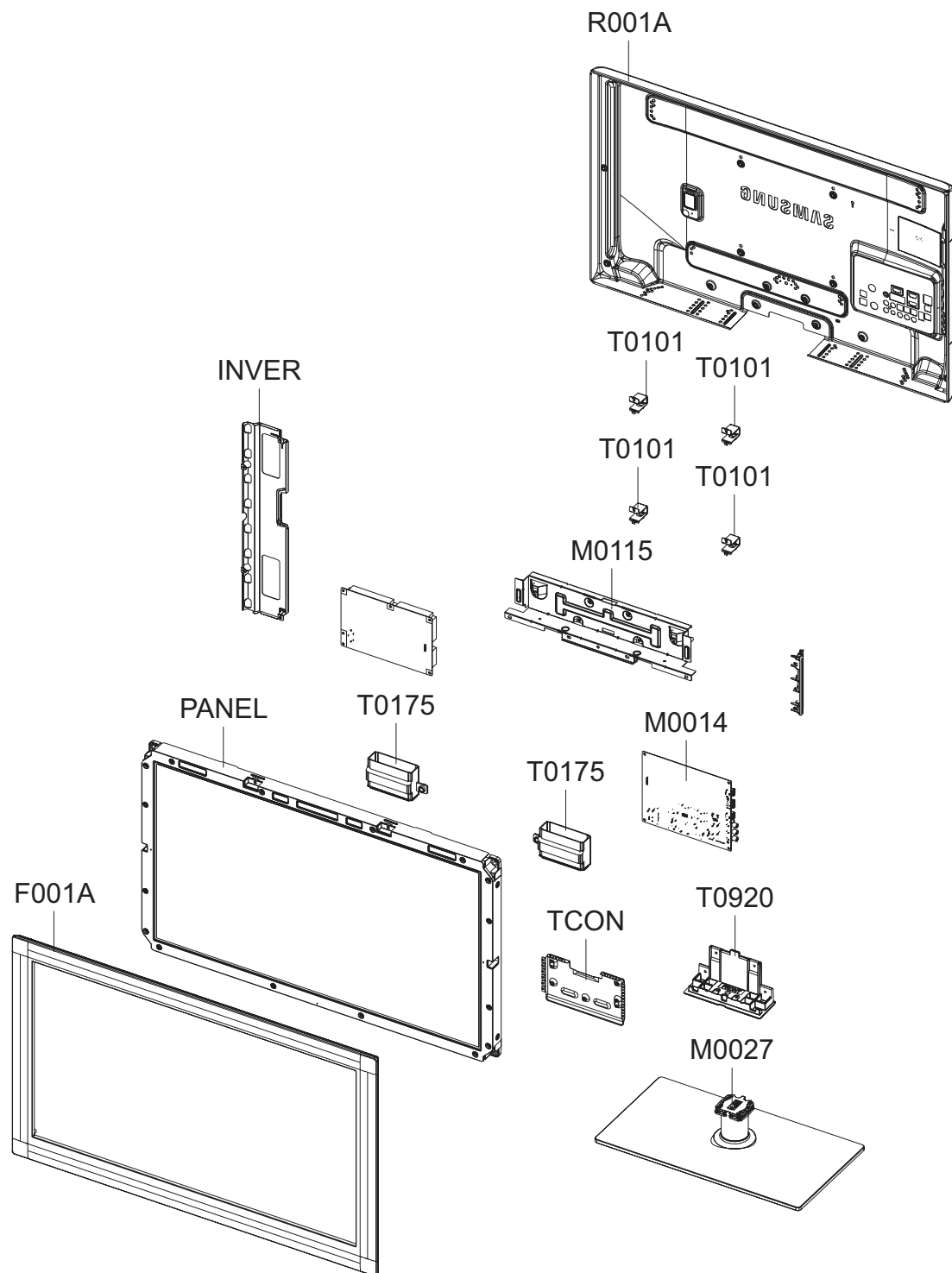
1. Insert a USB drive containing the firmware upgrade into the MEDIA PLAY port on the side of the TV.
2. Press the **MENU** button to display the menu.
Press the **▲** or **▼** button to select **Support**, then press the **ENTER** button.
3. Press the **▲** or **▼** button to select **SW Upgrade**, then press the **ENTER** button.
The message **Scanning for USB. It may take up to 30 seconds.** is displayed.
4. The message **Upgrade version XXXX to version XXXX?**
The system will be reset after upgrade. is displayed.
Press the **◀** or **▶** to select the **OK**, then press the **ENTER** button.



Please be careful to not disconnect the power or remove the USB drive while upgrades are being applied. The TV will turn off and turn on automatically after completing the firmware upgrade. Please check the firmware version after the upgrades are complete. When software is upgraded, video and audio settings you have made will return to their default (factory) settings. We recommend you write down your settings so that you can easily reset them after the upgrade.

5. Exploded View & Part List

5-1. LA32C550J1R Exploded View



5-2. LA32C550J1R Parts List

Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
F001A	BN96-12806L	ASSY COVER P-FRONT;32,LC550,SO,PMMA+PMMA	1	SA	
PANEL	BN07-00808A	LCD-PANEL;LTF320HM01,SSCZMS,8bit,31.5,16	1	SA	
TCON	BN81-04151A	A/S-T CON LTF320HM01;LTF320HM01	1	SA	
INVER	BN81-04167A	A/S-INVERTER LTF320HM01;LTF320HM01	1	SA	
M0014	BN94-03456J	ASSY PCB MAIN;NEW MODEL	1	SA	
	BN61-05990B	HOLDER-SIDE AV;40,LC650,ABS+PMMA,BK0007,	1	SNA	
M0115	BN61-06024A	BRACKET-STAND LINK;LC550 32",SECC,T1.2	1	SNA	
T0175	BN96-12871A	ASSY SPEAKER P;6ohm,4pin,10W,L:530 R:170	1	SA	
T0101	BN61-05996A	BRACKET-WALL;LC650 40,SECC,T1.2	4	SNA	
R001A	BN96-12765T	ASSY COVER P-REAR;32,LC550,SO,PCM,T0.5,B	1	SA	
T0920	BN61-06002A	GUIDE-STAND;32,LC650,PC+G/F,20%,V2,BK000	1	SNA	
M0027	BN96-12761A	ASSY STAND P-BASE;32,EXPORT,TEMPERED GLA	1	SA	

5-2-1. LA32C550J1R Parts List

Service Bom (SA: SERVICE AVAILABLE, SNA: SERVICE NOT AVAILABLE)

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
			LA32C550J1RXXM			
0.1	S001A	BN90-02442B	ASSY STAND;32,LC650,W/W,2COAT,ROSE BLACK	1	SNA	
..2	SG03A	BN96-12758B	ASSY STAND P-GUIDE;32,LC650,W/W,PC+G/F,2	1	SA	
...3	T0524	6902-001048	BAG PE;LDPE,T0.05,W160,L300,TRP,4g	1	SNA	
...3	T0920	BN61-06002A	GUIDE-STAND;32,LC650,PC+G/F,20%,V2,BK000	1	SNA	
...3		BN68-02766B	MANUAL FLYER-STAND GUIDE;L550~L750,SAMSU	1	SNA	
...3		BN96-12031G	ASSY ACCESSORY-SCREW;10 LCD-TV,6003-0010	1	SNA	
....4	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	9	SA	
....4	T0524	6902-000341	BAG PE;LDPE,T0.05,L90,W70,TRP,,,PE MARK	1	SNA	
..2	M0027	BN96-12761A	ASSY STAND P-BASE;32,EXPORT,TEMPERED GLA	1	SA	
...3	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SA	
...3		BN61-04692A	BOSS-PRIMER;#94,clear,35cps	0.1	SNA	
...3		BN61-04731C	BOSS-TAPE;AMBER,ACRYL,T1.1,W16.0mm,WHITE	0.29	SNA	
...3		BN61-04855A	BRACKET-SWIVEL BOTTOM;B650 40,SECC,T2.0	1	SNA	
...3		BN61-05254A	HOLDER-SWIVEL RING BOTTOM;LB700 40,POM H	1	SNA	
...3		BN61-05653A	BRACKET-STAND BOTTOM;B650 32,SECC,T2.0	1	SNA	
...3		BN61-05826A	BOSS-BOND;#760,Poly urethane,Black	2.4	SNA	
...3	GSN01	BN61-05993A	GUIDE-STAND NECK;32,LC650,PETG,V2,TP0003	1	SNA	
....4		BN61-06078B	GUIDE-NECK-INSERT;LC650 32,PETG HB,TP000	1	SNA	
...3	CCM1	BN63-04755A	COVER-SHEET;AMBER,PE,T0.05,W150mm,200M,6	1.1	SNA	
...3		BN63-05530D	COVER-STAND GLASS;32,LC650,GLASS,T8.0,2C	1	SNA	
...3	T0527	BN68-01648B	LABEL WARNING;WW,PET,T0.05,40,25,EXPORT	1	SNA	
...3	M0126	BN73-00215A	RUBBER-FOOT;40LB650,RUBBER,15*25,60,4.0,	4	SNA	
...3	M0126	BN73-00217A	RUBBER-FOOT;LB650,RUBBER,DIA30,7.5,Dark	4	SNA	
...3		BN74-00031A	GREASE;kanto-kasei FL-955,grease,wht	0.4	SNA	
...3	T0056	BN63-06908A	COVER-DECORATION;LB700 40,ABS+PMMA,HB,H/	1	SNA	
0.1	R001A	BN90-02446T	ASSY COVER REAR;32,LC550,SO	1	SNA	
..2	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	9	SA	
..2	R001A	BN96-12765T	ASSY COVER P-REAR;32,LC550,SO,PCM,T0.5,B	1	SA	
...3	R001	BN63-06392D	COVER-REAR;32,LC550,SO,PCM,T0.5,BLK	1	SNA	
...3		BN64-01270A	INLAY-AV;LC650,PS SHEET,T0.5,UO	1	SNA	
...3	T0071	BN64-01298B	INLAY-TERMINAL;LC550,SO,PS SHEET,T0.5,BL	1	SNA	
...3	T0139	BN65-00003A	CLAMPER BAG;42C7,LDPE,HB,BLK	1	SNA	
...3		BN60-00162X	SPACER-FOAM;FOAM,30000mm,Dark Gray,1T,15	1.77	SNA	
...3	AH358	BN61-06544A	HOLDER-REAR;LC650 32,PP,BLK	1	SNA	
0.1		BN91-04886A	ASSY LCD-AMLCD;BN07-00808A	1	SNA	
..2	PANEL	BN07-00808A	LCD-PANEL;LTF320HM01,SSCZMS,8bit,31.5,16	1	SA	
...3	TCON	BN81-04151A	A/S-T CON LTF320HM01;LTF320HM01	1	SA	
...3	INVER	BN81-04167A	A/S-INVERTER LTF320HM01;LTF320HM01	1	SA	
0.1		BN91-05022U	ASSY SHIELD;NEW MODEL	1	SNA	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	7	SA	
..2	M0081	6003-000337	SCREW-TAPTYPE;BH,+,S,M4,L10,ZPC(BLK),SWR	6	SA	
..2	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	7	SA	
..2	M2893	BN39-01267A	LEAD CONNECTOR;LA32B450,UL 2651 AWG#26,1	1	SA	
..2	M2893	BN39-01274A	LEAD CONNECTOR;LC5F,UL 1007 #26,14P,80mm	1	SA	
..2		BN61-05990B	HOLDER-SIDE AV;40,LC650,ABS+PMMA,BK0007,	1	SNA	
..2	M0523	BN96-12973A	ASSY BRACKET P-WALL;32,37,40,LC650,SECC,	4	SNA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	T0101	BN61-05996A	BRACKET-WALL;LC650 40,SECC,T1.2	4	SNA	
...3		BN60-00188B	SPACER-FOAM;LCD,FELT,20,3.0,20,Center :	4	SNA	
..2	T0910	BN96-13341A	ASSY BRACKET P-STAND LINK;LC530 32,SECC,	1	SNA	
...3		BN61-02429K	STUD-PEM;PNB,M3.8,D7,L14.9,ZPC(SIL),SUM2	4	SNA	
...3	M0115	BN61-06024A	BRACKET-STAND LINK;LC550 32",SECC,T1.2	1	SNA	
...3		BN61-05281A	HOLDER-CLAMP;LCD,NYLON 66,WHT	2	SNA	
..2	MP01A	BN94-03434A	ASSY PCB MISC-POWER;DP,BN94-03213A	1	SNA	
...3	MP01A	BN94-03213A	ASSY PCB POWER;P3237F1_AVD	1	SA	
....4		0201-001059	ADHESIVE-SIL;#9590,WHT,CARTRIGE	0.005	SNA	
....4		0201-002119	ADHESIVE-A.C.F;HT-130DL,RED,550~650,SMD	1	SNA	
....4		0202-001521	SOLDER-WIRE FLUX;ECO SOLDER RMA98 SUP,D1	0.003	SNA	
....4		0204-002514	THINNER;TS4500,OXIGEN,NO,13.15KG,14KG/BO	8	SNA	
....4		0204-003403	ISOPROPYL ALCOHOL;FLUX REDUCER #5080,GRA	0.004	SNA	
....4		0402-001399	DIODE-BRIDGE;GSIB660,600V,6A,SIP-4,BK	1	SA	
....4		0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	3	SA	
....4	T0900	1404-001195	THERMISTOR-NTC;5.1ohm,3.84A,3000K,21mW/C	1	SA	
....4		2005-000381	R-WIRE WOUND,NON;0.12ohm,5%,1W,AA,TP,4x1	1	SC	
....4		2009-000017	R-METAL PLATE;0.1ohm,10%,5W,CL,TP,5x14x1	1	SA	
....4		2201-000559	C-CERAMIC,DISC;0.47NF,20%,400V,Y5P,BK,9.	2	SA	
....4	PCD02	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6	2	SA	
....4		3601-000296	FUSE-CARTRIDGE;250V,5A,TIME-LAG,CERAMIC,	1	SA	
....4		3711-004121	HEADER-BOARD TO BOARD;BOX,14P,1R,2mm,ANG	1	SA	
....4		3711-007302	HEADER-BOARD TO BOARD;BOX,18P,2R,2mm,ANG	1	SA	
....4		3721-001113	PLUG-AC POWER;3P,10A,250V,STRAIGHT,32.7X	1	SNA	
....4		BN13-00033A	IC HYBRID;FSFR1800US,10,-40~+130#,9-SIP,	1	SA	
....4		BN26-00038A	TRANS-PFC;3237PFC,IP-32/37,10P,220uH,5.2	1	SA	
....4		BN26-00040A	TRANS-VM;3237VM,IP-32/37,12P,550uH,1.95u	1	SA	
....4		BN26-00041A	TRANS-STBY TRANS;STB,IP-32/37,12,800H,46	1	SA	
....4		BN27-00037A	COIL FILTER;8.0mH MIN,0.200#,43 □ 2,25.5	2	SA	
....4		BN61-06378A	HOLDER-PCB SUPPORTER;LCD,NYLON 66,WHT	3	SNA	
....4		BN61-06381A	HOLDER-PCB LUG;LCD,SPCC	4	SNA	
....4		BN62-00053A	HEAT SINK-PS;SMPS,A1050,100*15*21	1	SNA	
....4		BN62-00055A	HEAT SINK-PS;SMPS,A1050,76*15*21	1	SNA	
....4		BN62-00056A	HEAT SINK-PS;SMPS,A1050,39*3*21	1	SNA	
....4		BN62-00057A	HEAT SINK-ES;SMPS,A6063,45*15*21	1	SNA	
....4		BN62-00057B	HEAT SINK-ES;SMPS,A6063,60*15*21	1	SNA	
....4		BN97-04148A	ASSY AUTO-POWER;BN94-03213A	1	SNA	
.....5	PDS11	0402-000012	DIODE-RECTIFIER;UF4007,1000V,1A,DO-41,TP	4	SA	
.....5	PPRO1	2001-000042	R-CARBON;1Kohm,5%,1/4W,AA,TP,2.4x6.4mm	1	SA	
.....5	R2D8	2001-000613	R-CARBON;3.9Kohm,5%,1/8W,AA,TP,1.8x3.2mm	1	SA	
.....5		2001-001187	R-CARBON(S);75ohm,5%,1/2W,AA,TP,2.4x6.4m	1	SA	
.....5		2003-000995	R-METAL OXIDE(S);3.3Kohm,5%,2W,AF,TP,3.9	2	SA	
.....5		2003-002102	R-METAL OXIDE(S);68Kohm,5%,2W,AF,TP,4x12	1	SA	
.....5		2301-001661	C-FILM,PEF;2.2NF,5%,400V,TP,6X9.5X3.5MM,	1	SA	
.....5	C	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	2	SC	
.....5	C	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	3	SA	
.....5	C	2401-003139	C-AL;1000uF,20%,25V,WT,TP,10*20,5mm	2	SA	
.....5	C	2401-003224	C-AL;470uF,20%,16V,WT,TP,8X11.5,5mm	1	SA	
.....5	C	2401-003580	C-AL;1000uF,20%,35V,WT,TP,13x20mm,5	2	SA	
.....5	L2514	3301-001223	BEAD-AXIAL;62ohm,3.5x0.8x5mm,TP,-,-	2	SA	
.....5		3602-000114	FUSE-HOLDER;30MOhm	2	SC	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....5		6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	12	SNA	
.....5		6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	42	SNA	
.....5	M0125	BH39-40362W	CBF-HARNESS;0.6PHI,ROLL-TYPE	596.4	SA	
.....5		BN97-04149A	ASSY SMD-POWER;BN94-03213A	1	SNA	
.....6	D1	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	2	SNA	
.....6	DR01A	0402-001942	DIODE-RECTIFIER;STTH3L06S,600V,3A,SMC,TP	2	SNA	
.....6		0403-001454	DIODE-ZENER;MMSZ5245B,14.25/15.75V,500mW	1	SA	
.....6		0403-001499	DIODE-ZENER;MMSZ5252B,22.8/25.2V,500mW,S	1	SA	
.....6		0403-001552	DIODE-ZENER;DDZ16,15.69/16.51V,500mW,SOD	2	SA	
.....6	Q1040	0501-000457	TR-SMALL SIGNAL;MMBT2222A/KST2222A,NPN,3	4	SA	
.....6	Q806	0504-000152	TR-DIGITAL;KSR2101,PNP,200mW,4.7K/4.7Koh	1	SA	
.....6		0505-002623	FET-SILICON;AO4476AL,N,30V,15A,0.0077ohm	1	SA	
.....6		1203-005587	IC-POSITIVE ADJUST REG.;KIA431AM,SOT-23,3P,2	4	SNA	
.....6		1203-006177	IC-PWM CONTROLLER;FAN7530MX,8-SOP,8P,4.9	1	SNA	
.....6	R533	2007-000003	R-CHIP;43Kohm,5%,1/8W,TP,2012	2	SNA	
.....6	J914	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	4	SC	
.....6	JP19	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	2	SNA	
.....6	PR4	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	2	SNA	
.....6	AR150	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	2	SA	
.....6	MROP1	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	5	SA	
.....6	AR108	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	4	SA	
.....6	ARR2	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	2	SA	
.....6	AR37	2007-000104	R-CHIP;150Kohm,5%,1/10W,TP,1608	2	SA	
.....6	ZR24	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SNA	
.....6	KAR11	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	3	SNA	
.....6		2007-000253	R-CHIP;1.5ohm,5%,1/4W,TP,3216	6	SNA	
.....6	R1005	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	2	SA	
.....6	MR103	2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	1	SNA	
.....6	R1S36	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	1	SA	
.....6	PRS34	2007-000516	R-CHIP;2.7Kohm,1%,1/10W,TP,1608	1	SA	
.....6	LDR5	2007-000658	R-CHIP;27ohm,5%,1/8W,TP,2012	1	SNA	
.....6	AR28	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	SA	
.....6	AR60	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	SNA	
.....6		2007-000728	R-CHIP;300ohm,5%,1/8W,TP,2012	1	SNA	
.....6		2007-000760	R-CHIP;330Kohm,5%,1/4W,TP,3216	4	SNA	
.....6		2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	1	SA	
.....6	RF03	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	1	SA	
.....6	AR61	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	1	SNA	
.....6	R419	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SNA	
.....6	ZRA4	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	1	SC	
.....6		2007-000938	R-CHIP;47Kohm,1%,1/8W,TP,2012	1	SA	
.....6	AR80	2007-000947	R-CHIP;47ohm,5%,1/8W,TP,2012	1	SNA	
.....6	R858	2007-001007	R-CHIP;51Kohm,1%,1/10W,TP,1608	1	SA	
.....6		2007-002900	R-CHIP;11Kohm,1%,1/10W,TP,1608	1	SNA	
.....6	R8	2007-007721	R-CHIP;560ohm,1%,1/10W,TP,1608	1	SA	
.....6		2007-010304	R-CHIP;1.82Mohm,1%,1/4W,TP,3216	8	SA	
.....6	C706	2203-000239	C-CER,CHIP;0.1nF,5%,50V,C0G,2012	1	SNA	
.....6	C134	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	2	SA	
.....6	C4M17A	2203-000323	C-CER,CHIP;12nF,10%,50V,X7R,TP,2012,-	1	SA	
.....6	C212	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA	
.....6	AC139	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA	

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Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....6	V1233	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,TP,2012	2	SNA	
.....6	AD480	2203-000938	C-CER,CHIP;0.47nF,5%,50V,C0G,2012	1	SNA	
.....6	6MC22	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	2	SNA	
.....6	AD480	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	SNA	
.....6	C371	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,TP,1608	1	SNA	
.....6	C14	2203-001132	C-CER,CHIP;0.68nF,5%,50V,NP0,2012	1	SNA	
.....6	AD480	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	1	SNA	
.....6	AC611	2203-005194	C-CER,CHIP; .22nF,10%,50V,X7R,TP,1608	3	SA	
.....6	AAC1	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	5	SNA	
.....6	AD480	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	SNA	
.....6	AD480	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	SA	
.....6		BN41-01320A	PCB-POWER;P3237F1_AVD,FR-1,1,0.1,1.6T,19	1	SNA	
.....6	AD480	2203-001428	C-CER,CHIP;470nF,10%,50V,X7R,TP,2012	1	SNA	
.....6	AD480	2203-006636	C-CER,CHIP;220nF,10%,25V,X7R,1608	1	SA	
.....6		0403-001775	DIODE-ZENER;KDZ18B,18/20.3V,1000mW,SOD-1	1	SA	
.....6		2007-000653	R-CHIP;27Kohm,5%,1/8W,TP,2012	1	SNA	
.....5	FAR13	2001-001165	R-CARBON(S);56ohm,5%,1/2W,AA,TP,2.4x6.4mm	1	SA	
.....5		2201-002028	C-CERAMIC,DISC;0.47NF,10%,2KV,Y5P,TP,7.5	1	SA	
.....5	C	2401-001513	C-AL;47uF,20%,16V,WT,TP,5x11,5	1	SA	
.....5		6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	2	SNA	
....4	DR01A	0402-001944	DIODE-RECTIFIER;1N5406G-M4,600V,3A,DO-20	1	SA	
....4		0505-002624	FET-SILICON;FCPF11N60NTYDTU,N,600V,10.8A	1	SA	
....4	T0086	1203-005607	IC-PWM CONTROLLER;ICE3BR1765J,DIP,8P,9.5	1	SNA	
....4		1405-001255	VARISTOR;615Vdc,4500A,17x8mm,BK	1	SC	
....4		2301-002008	C-FILM,LEAD-PEF;1000nF,5%,500V,TP,18.0x1	1	SA	
....4		2301-002009	C-FILM,LEAD-PPF;470nF,10%,275V,TP,10x18x	2	SA	
....4		2303-001001	C-FILM,LEAD-PPF;22nF,5%,630V,TP,18x14.5x	1	SA	
....4		2401-004685	C-AL;120uF,20%,450V,KMF,TP,18x40,7.5mm	1	SNA	
....4		0202-001463	SOLDER-WIRE;LFC2-W3.0,-,D3,99.79Sn/0.2Cu	11.377	SNA	
....4		0204-002606	FLUX;LF-715K,OXIGEN,NO,16000L,14%,16kg,G	2.396	SNA	
....4	D1S34	0402-001600	DIODE-RECTIFIER;MBRF20100CT,100V,20A,ITO	4	SA	
....4	M0081	6003-000335	SCREW-TAPTYPE;RH,+,2S,M3,L8,ZPC(WHT),SWR	8	SNA	
...3		BN98-02542A	ASSY K/D-PACKING MATERIAL;BN41-01320*,BN	1	SNA	
....4	T0214	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	0.05	SNA	
....4		6902-000359	BAG AIR CAP;LDPE,T0.05,W280,L250,PINK,40	1	SNA	
....4		6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	1	SNA	
....4	M040	6922-000003	BAND PP;PP,T0.8,W18,L1650M,TRP,DA69-9014	0.02	SNA	
....4		AA61-30009A	LOCKER-BAND,CLIP;SPC-1,18MM T0.5	1	SNA	
....4	T0603	AA69-02444L	PALLET-CKD;CKD,PAPER,1150,990,120	1	SNA	
....4		AA69-04771W	PAD-PLATE;CB,SW,550,470	1	SNA	
....4		AA69-04859H	MASTER CARTON;CB,DW,560,480,305	1	SNA	
....4		AA69-04873Q	PAD-CROSS;CB,DW,550,140	1	SNA	
....4		AA69-04873R	PAD-CROSS;CB,DW,470,140	1	SNA	
..2	FL06	BN96-13171N	ASSY CABLE P-FFC;LE32C530F1WXXC,FFC,0.5m	1	SA	
..2	T0081	6001-002604	SCREW-MACHINE;BH,+,M4,L10,ZPC(WHT),SWRCH	2	SA	
..2		BN61-06441A	HOLDER-INLET;LC530,ABS,V0	1	SNA	
..2		BN73-00273B	SILICON/RUBBER-GAPPAD;UE32C6500,SILICON+	1	SNA	
0.1	ACCE1	BN92-05756U	ASSY ACCESSORY;NEW MODEL	1	SNA	
..2	ACCE2	BN96-13177Z	ASSY ACCESSORY-CABLE;NEW MODEL	1	SNA	
...3	T0268	3903-000461	CBF-POWER CORD;DT,GB,GP3/Y(A),IEC320 C13	1	SA	
...3	T0120	4301-000121	BATTERY-MN;1.5V,R03,10.5x44.5mm,HOLDER,7.	2	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	T0524	6902-001107	BAG PE;LDPE,T0.05,W450,L400,TRP,0,3Separ	1	SNA	
...3	T0527	BH68-20009B	LABEL-ACCESSORY;ART-PAPER 100G,15,100,SD	1	SNA	
...3	REMO2	BN59-01019A	REMOCON;TM1050,SAMSUNG,20PIN SINGLE,48KE	1	SA	
...3		BN61-05596A	HOLDER-WIRE CABLE;LED TV,LDPE,T0.8,L150,	1	SNA	
...3	M9889	BN63-01798B	CLOTH-CLEAN;cloth,180,200,sea blue,ToC	1	SA	
...3	T0531	BN63-06389A	COVER-BOTTOM;32,LC530,HIPS,HB,BK0020	1	SA	
..2		BN96-13182H	ASSY ACCESSORY-MANUAL;NEW MODEL	1	SNA	
...3	PE BAG	6902-000009	BAG PE;HDPE,T0.03,W240,L400,TRP,8,2,-,5.	1	SNA	
...3		AA68-03242M	MANUAL FLYER-MANUAL FLYER-06,SAFETY GUID	1	SNA	
...3		BH68-00527B	MANUAL FLYER-00,WARRANTY CARD;COMM,Samsu	1	SNA	
...3	T0527	BH68-20009B	LABEL-ACCESSORY;ART-PAPER 100G,15,100,SD	1	SNA	
...3		BN68-02186A	MANUAL FLYER-TOC GUIDE;COMM,SAMSUNG,11 L	1	SNA	
...3		BN68-02739A	MANUAL USERS-IB;Comm,Samsung,English,Asi	1	SNA	
0.1		BN92-05757G	ASSY LABEL;LA32C550J1RSSK	1	SNA	
..2		BN68-02550A	LABEL-LCD-POP;L550(52/46/40/37/32),Asia,	1	SNA	
..2	T0527	BP68-00052B	LABEL-00,RATING;CCTV,TETRON PAPER,T0.05,	1	SNA	
..2		AA68-03752D	LABEL-STICKER;WW,ALL,Art Paper(90g),44.5	1	SNA	
0.1		BN92-05854A	ASSY P/MATERIAL;32,LC650	1	SNA	
..2	T0214	0203-001595	TAPE-OPP MASKING;OPP-2,0.075,75,800M,CLR	2.32	SNA	
..2		6902-000061	BAG AIR;LDPE,T0.2,W500,L1000,TRP,370.000	1	SNA	
..2		6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,1260.0	1	SNA	
..2	T0524	6902-000519	BAG PE;HDPE/NITRON,T0.015/T0.05(DOUBLE),	1	SNA	
..2		6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	3.44	SNA	
..2		6902-000609	BAG ROLL;LDPE,T0.05,W2400,L1000,TRP,30.0	0.06	SNA	
..2		BN69-00391Q	PAD-ANGLE;T4,50,1800,YEL,400g	1	SNA	
..2	T0246	BN69-04323A	CUSHION-01,SET;32LC550/630/650/670,EPS,1	1	SNA	
..2	M040	6922-000013	BAND PP;PP,W18,L2300m,TRP,21000g	0.53	SNA	
..2		BN68-02422B	LABEL-WARNING SHIPPING;ALL MODEL,A/P 100	1	SNA	
0.1		BN92-05901D	ASSY BOX;32,LC550,SO	1	SNA	
..2		BN69-04472F	BOX-SET;32LC550,CB,A-01,SW2,YEL,W1008,D1	1	SNA	
..2		BH68-00662A	LABEL BOX-00;ALL MODEL,MOJO 90G,60,110,W	1	SNA	
0.1		BN90-02472L	ASSY COVER FRONT;32,LC550,SO	1	SNA	
..2	F001A	BN96-12806L	ASSY COVER P-FRONT;32,LC550,SO,PMMA+PMMA	1	SA	
...3		BN60-00163A	SPACER-FOAM;LC650-32",FOAM,400,0.5,25,Bo	2	SNA	
...3		BN60-00163F	SPACER-FOAM;LC650-32",FOAM,750,T 0.5,22,	1	SNA	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.04,900mm,20	0.67	SNA	
...3	CCM1	BN63-05199B	COVER-SHEET;AMBER,PE,T0.08,W65mm,200M,CL	1.87	SNA	
...3	CCM1	BN63-05199D	COVER-SHEET;AMBER,PE,T0.08,W75mm,200M,CL	0.83	SNA	
...3	F001	BN63-06384F	COVER-FRONT;32,LC550,SO,PMMA+PMMA/ABS,HB	1	SNA	
...3		BN96-12775B	ASSY HOLDER P-BOSS BOTTOM;32,LC630,ABS,H	1	SNA	
....4		BN61-04731A	BOSS-TAPE;AMBER,ACRYL,T1.1,W8.0mm,WHITE	0.37	SNA	
....4		BN61-05977B	HOLDER-BOSS BOTTOM;32,LC630,ABS,HB,WT003	1	SNA	
...3	M0125	BN96-13451B	ASSY BOARD P-TOUCH FUNCTION&IR;LN32C550J	1	SA	
...3	AB326	BN61-04661A	BRACKET-STOPPER;L650,SK-5,T0.4,Plating,H	4	SNA	
...3		BN74-00052A	TAPE-PAPER;LB530,Crepe Paper,0.17mm, 10m	0.05	SNA	
..2	T0175	BN96-12871A	ASSY SPEAKER P;6ohm,4pin,10W,L:530 R:170	1	SA	
0.1	M0017	BN91-05469B	ASSY CHASSIS;MODEL	1	SNA	
..2	M0014	BN94-03456J	ASSY PCB MAIN;NEW MODEL	1	SA	
...3		0202-001521	SOLDER-WIRE FLUX;ECO SOLDER RMA98 SUP,D1	0.25	SNA	
...3		3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	SA	
...3	CN906	3707-001096	CONNECTOR-OPTICAL;STRAIGHT W/L,SPDIF	1	SA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3		3711-007302	HEADER-BOARD TO BOARD;BOX,18P,2R,2mm,ANG	1	SA	
...3		3722-003037	JACK-USB;4P/1C W/L,AU/NI,BLK,ANGLE,A	2	SA	
...3	JA330	3722-003038	JACK-PHONE;7P/1C W/L,SN,BLK	2	SA	
...3	JA333	3722-003040	JACK-PIN;3P W/L,SN,BLK/YEL/WHT/RED,ANGLE	1	SA	
...3	JA333	3722-003052	JACK-PIN;5P+Shield W/L,NI/SN,GN/BL/RD/WH	2	SA	
...3		3722-003058	JACK-MODULAR;8P/8C W/L,Y,STRAIGHT,N,AU,1	1	SA	
...3	CIS3	BN40-00173A	TUNER;DTOS40CVL081A,DVB-T/C,164CH,38.9MH	1	SA	
...3	T0066	BN62-00040A	HEAT SINK-ES;SAPPHIRE,T2.0,36*36*6.6,BLK	1	SNA	
...3	T0527	BN68-00513A	LABEL-E,PASS;ALL MODEL,YUPO(110G),50X15,	1	SNA	
...3	M0412	BN96-11826C	ASSY BRACKET P-PCB;LB450 40,SPTE T0.5 +	1	SNA	
...4		BN61-04928C	BRACKET-SUPPORT PCB;SPTE,T 0.5,SCREW-M4	1	SNA	
...4		BN61-05262B	HOLDER-BOSS PCB;52,LB550(EO),PBT+G/F(30%	1	SNA	
...3		BN97-04044U	ASSY SMD;NEW MODEL	1	SNA	
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	25	SA	
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8/6.6V,300mW,SO	9	SNA	
...4	D0254	0404-001271	DIODE-SCHOTTKY;SSA34,40V,3000mA,SMA,TP	2	SA	
...4	D0254	0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	1	SA	
...4	T0139	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	9	SNA	
...4	SD3	0407-000114	DIODE-SWITCHING;KDS184,80V,100mA,SOT-23,	3	SNA	
...4	Q101	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	10	SA	
...4	CEQ2	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	7	SA	
...4	Q409	0505-002560	FET-SILICON;AO6415,P,-20V,-3.3A,0.15ohm,	1	SA	
...4	T0596	0904-002554	IC-USC;AU6256-JBF,QFN,28P,5x5mm,12MHz,TP	1	SA	
...4	IC106	1001-001573	IC-VIDEO SWITCH;SiI9287BCNUTR,QFN,72P,10	1	SNA	
...4		1006-001266	IC-LINE TRANSCEIVER;3232,TSSOP,16P,174MI	1	SA	
...4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	2	SA	
...4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	SA	
...4		1105-002058	IC-DDR2 SDRAM;K4T1G164QE-HCF8,DDR2,1Gbit	2	SA	
...4	T0085	1201-002849	IC-AUDIO AMP;DRV603,TSSOP,14P,5x4.4mm,DU	1	SA	
...4	T0124	1201-002993	IC-POWER AMP;TAS5715,HTQFP,48P,7x7mm,DUA	1	SA	
...4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,PLAST	1	SA	
...4	T0087	1203-002835	IC-POSIFIXED REG.;KIA7805AF,DPAK,3P,6.6	1	SA	
...4	T0087	1203-002898	IC-POSIFIXED REG.;G950T45R,TO-252,3P,6.	1	SA	
...4		1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA	
...4	T0087	1203-005134	IC-POSIFIXED REG.;RT9167A-33PB,SOT-23-5	1	SNA	
...4		1203-005559	IC-BACKLIGHT DRIVER;MP3302DJ,TSOT23,5P,2	1	SA	
...4		1203-006013	IC-DC/DC CONVERTER;AOZ1031AI,SO-8,8P,4.9	1	SA	
...4		1203-006017	IC-VOL. DETECTOR;RT9824GJ8,TSOT23,8P,2.9	1	SA	
...4	T0087	1203-006135	IC-POSIFIXED REG.;AP1117D-33-GZ-13-89,T	1	SA	
...4	T0087	1203-006136	IC-POSIFIXED REG.;AP1117D-18-GZ-13-89,T	1	SA	
...4	IC012	1203-006138	IC-POSIFIXED REG.;AP1117DGZ-13-89,TO-2	1	SA	
...4		1204-003088	IC-DEMULATOR;DRX39XYK,PQFN,64P,9x9x0.8	1	SA	
...4		1204-003096	IC-VIDEO DECODER;HIDTVPRO-SX,PBGA,580P,P	1	SA	
...4		1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	2	SA	
...4		1205-003733	IC-SWITCH;AP2191MPG-13,MSOP-8L-EP,8P,2.9	1	SA	
...4		1205-003735	IC-SWITCH;AP2151WG-7,SOT25,5P,2.9x1.6mm,	1	SA	
...4		1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	SA	
...4		1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	4	SA	
...4		1405-001271	VARISTOR;20Vdc,5A,1.0x0.5x0.6mm,TP	22	SA	
...4	ZR24	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SNA	
...4	R105	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	31	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	AR49	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	4	SNA	
....4	MR306	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	12	SNA	
....4	R319	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	53	SNA	
....4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA	
....4	R104	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	38	SNA	
....4	R102	2007-000149	R-CHIP;12Kohm,5%,1/16W,TP,1005	8	SA	
....4	MR36	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	5	SNA	
....4	AR43	2007-000155	R-CHIP;27Kohm,5%,1/16W,TP,1005	2	SNA	
....4	RZ07	2007-000156	R-CHIP;30Kohm,5%,1/16W,TP,1005	2	SA	
....4	MR13	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	6	SNA	
....4	R123	2007-000159	R-CHIP;56Kohm,5%,1/16W,TP,1005	1	SNA	
....4	DR39	2007-000162	R-CHIP;100Kohm,5%,1/16W,TP,1005	2	SNA	
....4	MR16	2007-000168	R-CHIP;470Kohm,5%,1/16W,TP,1005	2	SNA	
....4	R111	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	15	SNA	
....4	HDR17	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	12	SNA	
....4	R338	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	20	SNA	
....4	MR9	2007-000455	R-CHIP;18Kohm,1%,1/10W,TP,1608	2	SA	
....4	ER13	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	SNA	
....4		2007-000755	R-CHIP;330Kohm,1%,1/10W,TP,1608	1	SA	
....4	R124	2007-000775	R-CHIP;33Kohm,5%,1/16W,TP,1005	3	SNA	
....4	DR37	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	4	SNA	
....4	AAR20	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SNA	
....4		2007-001285	R-CHIP;5.6ohm,5%,1/16W,TP,1005	4	SA	
....4	OTR1	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	10	SNA	
....4	R326	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	12	SNA	
....4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	4	SA	
....4	TR30	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	6	SA	
....4	R365	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	2	SNA	
....4		2007-007134	R-CHIP;39Kohm,1%,1/16W,TP,1005	1	SA	
....4	DR4	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	3	SNA	
....4		2007-007156	R-CHIP;1ohm,5%,1/16W,TP,1005	7	SNA	
....4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005	3	SA	
....4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	9	SNA	
....4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005	1	SA	
....4	MR11	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	12	SNA	
....4		2007-008134	R-CHIP;12.4Kohm,1%,1/16W,TP,1005	1	SC	
....4		2007-008298	R-CHIP;49.9ohm,1%,1/16W,TP,1005	4	SA	
....4	DRP29	2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SA	
....4		2011-001427	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,2.0	1	SA	
....4		2011-001449	R-NETWORK;22ohm,5%,1/16W,L,4P,TP,1010	5	SA	
....4		2011-001527	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,4P,TP,	3	SNA	
....4		2011-001589	R-NETWORK;0ohm,5%,1/16W,L,CHIP-V,4P,TP,1	16	SNA	
....4	PC43	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005	5	SA	
....4	RC34	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	2	SA	
....4	MC302	2203-000425	C-CER,CHIP;.018nF,5%,50V,C0G,TP,1005	4	SA	
....4	C254	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005	9	SA	
....4	C507	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005	3	SA	
....4	V1233	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,TP,2012	6	SNA	
....4	ZC14	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	2	SNA	
....4	DC25	2203-000812	C-CER,CHIP;.033nF,5%,50V,C0G,1005	10	SA	
....4	CK40B	2203-000838	C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608	1	SNA	

5. Exploded View & Part List

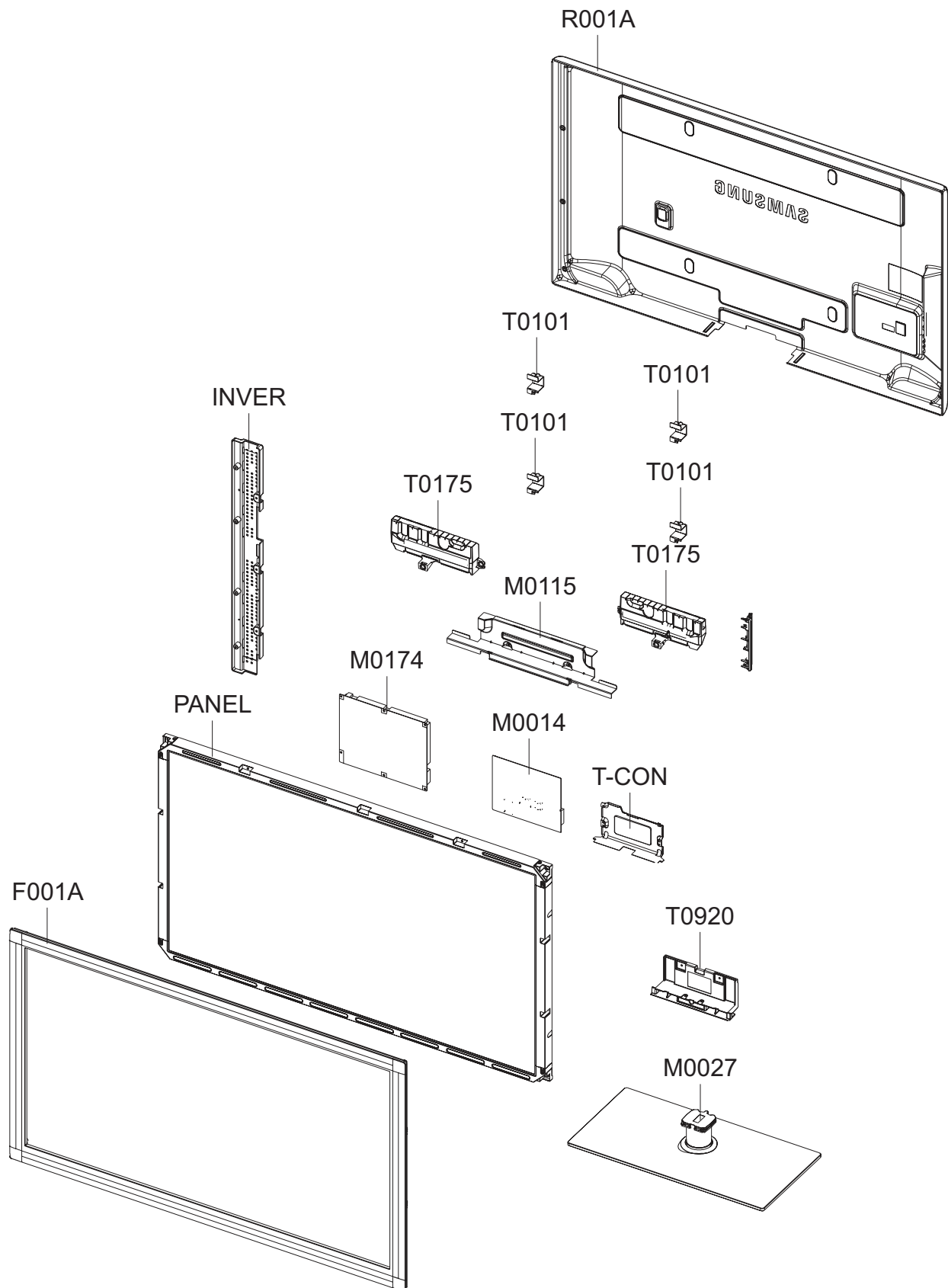
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	KFC6	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	2	SNA	
....4	AD480	2203-001428	C-CER,CHIP;470nF,10%,50V,X7R,TP,2012	3	SNA	
....4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	15	SNA	
....4	AD480	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	10	SNA	
....4	AAC1	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	14	SNA	
....4	AD480	2203-005511	C-CER,CHIP;27nF,10%,10V,X7R,TP,1005	1	SA	
....4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005	2	SNA	
....4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,1005	2	SNA	
....4	PC11	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	5	SNA	
....4	C102	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	122	SNA	
....4	JC10	2203-006324	C-CER,CHIP;2200nF,10%,10V,X5R,1608	2	SA	
....4	AD480	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	7	SA	
....4	C125	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	58	SC	
....4	C234	2203-006378	C-CER,CHIP;4700nF,10%,6.3V,X5R,TP,1608	1	SNA	
....4	HE4	2203-006474	C-CER,CHIP;22000nF,20%,6.3V,X5R,2012	1	SA	
....4	HDC11	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	21	SNA	
....4	AD480	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,TP,1005	2	SNA	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	4	SA	
....4	T0052	2703-000296	INDUCTOR-SMD;680nH,10%,1608	1	SA	
....4	VL6	2703-000398	INDUCTOR-SMD;10uH,10%,3225	6	SA	
....4	T0052	2703-001239	INDUCTOR-SMD;3.3uH,10%,1608	3	SA	
....4	T0052	2703-003149	INDUCTOR-SMD;2.2uH,20%,5050	2	SA	
....4	X202	2801-003326	CRYSTAL-SMD;24MHz,30ppm,28-ABX,20pF,50oh	1	SA	
....4	X202	2801-004004	CRYSTAL-SMD;20.25MHz,20ppm,28-AAN,13pF,2	1	SA	
....4	X202	2801-004775	CRYSTAL-SMD;12MHz,30ppm,16pF,30ohm,TP	1	SNA	
....4	F103	2901-001506	FILTER-EMI SMD;5V,0.13A,0pF,2x1x0.5mm,TP	2	SA	
....4	T0568	3301-001082	BEAD-SMD;60ohm,3225,TP,43ohm/40MHz,83ohm	1	SNA	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608	7	SNA	
....4	T0568	3301-002039	BEAD-SMD;26ohm,1608,TP	42	SA	
....4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,Hi	1	SNA	
....4		3701-001591	CONNECTOR-HDMI;19P,2ROW,FEMALE,SMD-S,AU	3	SNA	
....4	AC510	3708-002797	CONNECTOR-FPC/FFC/PIC;51P,0.50mm,SMD,AU,	1	SA	
....4	CON_US	3711-005616	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,SMD	1	SNA	
....4	HB01A	3711-007336	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,SM	1	SA	
....4	T0077	BN41-01377A	PCB MAIN;Trident SX1,FR-4,4,1.0,1.2,192x	1	SNA	
....4	T0527	BN68-01075A	LABEL;9mm,15mm,WHITE	2	SNA	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	2	SA	
....4		0403-001164	DIODE-ZENER;MMSZ5232B,5.32-5.88V,500MW,S	1	SA	
....4		2704-000029	INDUCTOR-SMD-ARRAY;5.6uH,2300mA,2,0.08oh	2	SNA	
....4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005	1	SNA	
....4		2007-008593	R-CHIP;750ohm,1%,1/16W,TP,1005	1	SA	
....4		2011-001585	R-NETWORK;47ohm,5%,1/16W,L,CHIP-V,4P,TP,	2	SNA	
....4		1203-006288	IC-VOL. DETECTOR;RT9818B-18GV,SOT-23-3,3	1	SA	
....4		3701-001693	CONNECTOR-HDMI;19P,2ROW,FEMALE,SMD-A	1	SA	
....4		BN97-04140A	ASSY MICOM-SUB;T-TDT5DEUS-1002,2010.03.1	1	SNA	
....5	IC115	1107-001580	IC-FLASH MEMORY;MX25L4005,4Mbit,512Kx8,S	1	SNA	
....4		0202-001767	SOLDER-CREAM;LST-5710,D20~38,Sn-57Bi-1Ag	2.235	SNA	
....4	R945	2007-000726	R-CHIP;300ohm,1%,1/10W,TP,1608	1	SA	
....4	PR12	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA	
....4		2007-001237	R-CHIP;910ohm,1%,1/10W,TP,1608	1	SA	
....4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,1005	1	SA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0052	2703-002268	INDUCTOR-SMD;8.2nH,5%,1005	4	SNA	
....4	AD480	2203-006824	C-CER,CHIP;4700nF,10%,10V,X5R,1608	1	SNA	
....4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,1005	1	SNA	
....4	L1103	2703-000403	INDUCTOR-SMD;22uH,10%,3225	1	SA	
....4	PR6	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	2	SNA	
....4	JC31	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	4	SNA	
....4	DC9	2203-005481	C-CER,CHIP;47nF,10%,10V,X7R,TP,1005	1	SA	
....4		1203-005538	IC-DC/DC CONVERTER;AOZ1021HAIL,SOP,8P,4.	1	SA	
....4		2007-007135	R-CHIP;18Kohm,1%,1/16W,TP,1005	1	SNA	
....4	C711	2203-002982	C-CER,CHIP;6.8nF,10%,50V,X7R,1005	1	SA	
....4		BN97-04127A	ASSY MICOM-SUB2;T-TDT5DAAC-0340.0,L450,A	1	SNA	
....5		1107-001818	IC-NAND FLASH;KFG1G16U2C-DIB6,1024Mbit,6	1	SNA	
....4	C	2402-001314	C-AL,SMD;100uF,20%,16V,WT,TP,6x5.8mm	1	SA	
....4		BN68-03016A	LABEL;LS19MYMKBQ/XSJ,JAPAN,FLOURESCENT,1	1	SNA	
...3		0202-001557	SOLDER-CREAM;LST57-A,D38-63,42SN/57BI/1A	11	SNA	
...3		BN68-03016A	LABEL;LS19MYMKBQ/XSJ,JAPAN,FLOURESCENT,1	1	SNA	

5. Exploded View & Part List

5-1. LA46C550J1R Exploded View



5-2. LA46C550J1R Parts List

Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
F001A	BN96-12809L	ASSY COVER P-FRONT;46,LC550,SO,PMMA+PMMA	1	SA	
PANEL	BN07-00822A	LCD-PANEL;V460H1-L08,CM46H18,8bits,46,16	1	SA	
INVER	BN81-04449A	A/S-BB-L;V460H1-L08	1	SA	
TCON	BN81-04461A	A/S-T CON V460H1-L08;V460H1-L08	1	SA	
M0174	BN44-00341A	IP BOARD-TV;PSIV281510A,I46F1_ASM,14mA,1	1	SA	
M0014	BN94-03473P	ASSY PCB MAIN;NEW MODEL	1	SA	
	BN61-05990B	HOLDER-SIDE AV;40,LC650,ABS+PMMA,BK0007,	1	SNA	
M0115	BN61-05998A	BRACKET-STAND LINK;LC650 46,SECC,T1.6	1	SNA	
T0175	BN96-12837B	ASSY SPEAKER P;6ohm,4pin,10W,L:630 R:290	1	SA	
T0101	BN61-05997A	BRACKET-WALL;LC650 46,SECC,T1.6	4	SNA	
R001A	BN96-12768S	ASSY COVER P-REAR;46,LC550,SO,PCM,T0.5,B	1	SA	
T0920	BN61-06003A	GUIDE-STAND;37,40,46,LC650,PC+G/F,20%,V2	1	SNA	
M0027	BN96-12763A	ASSY STAND P-BASE;46,EXPORT,TEMPERED GLA	1	SA	

5-2-1. LA46C550J1R Parts List

Service Bom (SA: SERVICE AVAILABLE, SNA: SERVICE NOT AVAILABLE)

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
			LA46C550J1RXXM			
0.1	S001A	BN90-02444B	ASSY STAND;46,LC650,W/W,2COAT,ROSE BLACK	1	SNA	
..2	M0027	BN96-12763A	ASSY STAND P-BASE;46,EXPORT,TEMPERED GLA	1	SA	
...3	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	SA	
...3		BN61-04692A	BOSS-PRIMER;#94,clear,35cps	0.1	SNA	
...3		BN61-04731D	BOSS-TAPE;AMBER,ACRYL,T1.1,W20.0mm,WHITE	0.39	SNA	
...3		BN61-05244A	BRACKET-SWIVEL BOTTOM;LB700 46,HGI,T3.0	1	SNA	
...3		BN61-05493A	HOLDER-SWIVEL RING BOTTOM;LB650 40,Aceta	1	SNA	
...3		BN61-05826A	BOSS-BOND;#760,Poly urethane,Black	2.4	SNA	
...3	GSN01	BN61-05994A	GUIDE-STAND NECK;40,LC650,PETG,V2,TP0003	1	SNA	
...4		BN61-06079B	GUIDE-NECK-INSERT;LC650 40,PETG HB,TP000	1	SNA	
...3	CCM1	BN63-04755A	COVER-SHEET;AMBER,PE,T0.05,W150mm,200M,6	1.22	SNA	
...3		BN63-05227D	COVER-STAND GLASS;46,LC650,GLASS,T8.0,2C	1	SNA	
...3	T0527	BN68-01648B	LABEL WARNING;WW,PET,T0.05,40,25,EXPORT	1	SNA	
...3	M0126	BN73-00215A	RUBBER-FOOT;40LB650,RUBBER,15*25,60,4.0,	4	SNA	
...3	M0126	BN73-00217A	RUBBER-FOOT;LB650,RUBBER,DIA30,7.5,Dark	4	SNA	
...3		BN61-05652A	BRACKET-STAND BOTTOM;B650 40,SECC,T2.0	1	SNA	
...3		BN74-00031A	GREASE;kanto-kasei FL-955,grease,wht	0.4	SNA	
...3	FD01	BN63-06913A	COVER-DECORATION;LB7000 46,ABS+PMMA,HB,H	1	SNA	
..2	SG03A	BN96-12795D	ASSY STAND P-GUIDE;37,40,46,LC650,W/W,PC	1	SA	
...3	T0920	BN61-06003A	GUIDE-STAND;37,40,46,LC650,PC+G/F,20%,V2	1	SNA	
...3		BN68-02766B	MANUAL FLYER-STAND GUIDE;L550~L750,SAMSU	1	SNA	
...3		BN96-12031G	ASSY ACCESSORY-SCREW;10 LCD-TV,6003-0010	1	SNA	
...4	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	9	SA	
...4	T0524	6902-000341	BAG PE;LDPE,T0.05,L90,W70,TRP,,,PE MARK	1	SNA	
...3	T0524	6902-001063	BAG PE;LDPE,T0.05,W180,L350,TRP,RECYCLE	1	SNA	
0.1	R001A	BN90-02449S	ASSY COVER REAR;46,LC550,SO	1	SNA	
..2	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	14	SA	
..2	R001A	BN96-12768S	ASSY COVER P-REAR;46,LC550,SO,PCM,T0.5,B	1	SA	
...3	R001	BN63-06337D	COVER-REAR;46,LC550,SO,PCM,T0.5,BLK	1	SNA	
...3		BN64-01270A	INLAY-AV;LC650,PS SHEET,T0.5,UO	1	SNA	
...3	T0071	BN64-01298B	INLAY-TERMINAL;LC550,SO,PS SHEET,T0.5,BL	1	SNA	
...3	T0139	BN65-00003A	CLAMPER BAG;42C7,LDPE,HB,BLK	1	SNA	
...3		BN60-00162X	SPACER-FOAM;FOAM,30000mm,Dark Gray,1T,15	1.95	SNA	
...3	AH358	BN61-06545A	HOLDER-REAR;LC650 37/40/46,PP,BLK	1	SNA	
...3		BN63-06630A	SHEET-INSULATOR SMPS;UC6100 40inch,PC,T0	1	SNA	
0.1		BN91-05022X	ASSY SHIELD;NEW MODEL	1	SNA	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	9	SA	
..2	M0081	6003-000337	SCREW-TAPTYPE;BH,+,S,M4,L10,ZPC(BLK),SWR	6	SA	
..2	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	SA	
..2	M2893	BN39-01267F	LEAD CONNECTOR;LB6T,UL2651#26,18P,350mm,	1	SA	
..2	M0174	BN44-00341A	IP BOARD-TV;PSIV281510A,I46F1_ASM,14mA,1	1	SA	
..2		BN61-05990B	HOLDER-SIDE AV;40,LC650,ABS+PMMA,BK0007,	1	SNA	
..2	M0523	BN96-12974A	ASSY BRACKET P-WALL;46,52,55,LC650,SECC,	4	SNA	
...3	T0101	BN61-05997A	BRACKET-WALL;LC650 46,SECC,T1.6	4	SNA	
...3		BN60-00188A	SPACER-FOAM;LCD,FELT,20,3.0,30,Center :	4	SNA	
..2	M0230	BN96-13171D	ASSY CABLE P-FFC;LN46C530F1FXZA,FFC,0.5m	1	SA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2	T0910	BN96-13342A	ASSY BRACKET P-STAND LINK;LC530 37/40/46	1	SNA	
...3		BN61-02429K	STUD-PEM;PNB,M3.8,D7,L14.9,ZPC(SIL),SUM2	2	SNA	
...3	M0115	BN61-05998A	BRACKET-STAND LINK;LC650 46,SECC,T1.6	1	SNA	
...3		BN61-05281A	HOLDER-CLAMP;LCD,NYLON 66,WHT	3	SNA	
..2	M2893	BN39-01024E	LEAD CONNECTOR;LC5F,UL3239#24,2P,175mm,1	1	SA	
..2	T0081	6001-002604	SCREW-MACHINE;BH,+,M4,L10,ZPC(WHT),SWRCH	2	SA	
..2		BN61-06441A	HOLDER-INLET;LC530,ABS,V0	1	SNA	
..2	M2893	BN39-01279F	LEAD CONNECTOR;LN46C650L1FXZA,UL1061 #28	1	SA	
..2		BN73-00273B	SILICON/RUBBER-GAPPAD;UE32C6500,SILICON+	1	SNA	
0.1		BN91-05227A	ASSY LCD;BN07-00822A	1	SNA	
..2	PANEL	BN07-00822A	LCD-PANEL;V460H1-L08,CM46H18,8bits,46,16	1	SA	
...3	INVER	BN81-04449A	A/S-BB-L;V460H1-L08	1	SA	
...3	TCON	BN81-04461A	A/S-T CON V460H1-L08;V460H1-L08	1	SA	
0.1		BN92-05757G	ASSY LABEL;LA32C550J1RSSK	1	SNA	
..2		BN68-02550A	LABEL-LCD-POP;L550(52/46/40/37/32),Asia,	1	SNA	
..2	T0527	BP68-00052B	LABEL-00,RATING;CCTV,TETRON PAPER,T0.05,	1	SNA	
..2		AA68-03752D	LABEL-STICKER;WW,ALL,Art Paper(90g),44.5	1	SNA	
0.1		BN92-05857A	ASSY P/MATERIAL;46,LC650	1	SNA	
..2	T0214	0203-001595	TAPE-OPP MASKING;OPP-2,0.075,75,800M,CLR	3.03	SNA	
..2		6902-000061	BAG AIR;LDPE,T0.2,W500,L1000,TRP,370.000	1	SNA	
..2		6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,1260.0	1	SNA	
..2		6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	6.12	SNA	
..2		6902-000609	BAG ROLL;LDPE,T0.05,W2400,L1000,TRP,30.0	0.13	SNA	
..2		BN69-00391E	PAD-ANGLE;D119PS,B400 PAPER,T5,50,1500,Y	1	SNA	
..2	T0246	BN69-04339A	CUSHION-01,SET;46LC550/630/640/650/670-G	1	SNA	
..2	M040	6922-000013	BAND PP;PP,W18,L2300m,TRP,21000g	0.71	SNA	
..2		BN68-02422B	LABEL-WARNING SHIPPING;ALL MODEL,A/P 100	1	SNA	
..2		6902-001183	BAG PE;HDPE/NITRON,T0.015/T0.5,W1300,L90	1	SNA	
0.1		BN92-05898D	ASSY BOX;46,LC550,SO	1	SNA	
..2		BN69-04653F	BOX-SET;46LC550-S,CB,A-01,DW2,ECT50,YEL,	1	SNA	
..2		BH68-00662A	LABEL BOX-00;ALL MODEL,MOJO 90G,60,110,W	1	SNA	
0.1	ACCE1	BN92-06001T	ASSY ACCESSORY;NEW MODEL	1	SNA	
..2		BN96-13182H	ASSY ACCESSORY-MANUAL;NEW MODEL	1	SNA	
...3	PE BAG	6902-000009	BAG PE;HDPE,T0.03,W240,L400,TRP,8,2,-,5.	1	SNA	
...3		AA68-03242M	MANUAL FLYER-MANUAL FLYER-06,SAFETY GUID	1	SNA	
...3		BH68-00527B	MANUAL FLYER-00,WARRANTY CARD;COMM,Samsu	1	SNA	
...3	T0527	BH68-20009B	LABEL-ACCESSORY;ART-PAPER 100G,15,100,SD	1	SNA	
...3		BN68-02186A	MANUAL FLYER-TOC GUIDE;COMM,SAMSUNG,11 L	1	SNA	
...3		BN68-02739A	MANUAL USERS-IB;Comm,Samsung,English,Asi	1	SNA	
..2	ACCE2	BN96-13648T	ASSY ACCESSORY-CABLE;NEW MODEL	1	SNA	
...3	T0268	3903-000461	CBF-POWER CORD;DT,GB,GP3/Y(A),IEC320 C13	1	SA	
...3	T0120	4301-000121	BATTERY-MN;1.5V,R03,10.5x44.5m,HOLDER,7.	2	SNA	
...3	T0524	6902-001107	BAG PE;LDPE,T0.05,W450,L400,TRP,0,3Separ	1	SNA	
...3	T0527	BH68-20009B	LABEL-ACCESSORY;ART-PAPER 100G,15,100,SD	1	SNA	
...3	REMO2	BN59-01019A	REMOCON;TM1050,SAMSUNG,20PIN SINGLE,48KE	1	SA	
...3	M9889	BN63-01798B	CLOTH-CLEAN;cloth,180,200,sea blue,ToC	1	SA	
...3	T0531	BN63-06339A	COVER-BOTTOM;37,40,46,LC650,HIPS,HB,BK00	1	SA	
...3	T0010	BN96-08624A	ASSY HOLDER P;08 PDP MODEL,ABS HB,GRAY	1	SNA	
...4		6902-000683	BAG ZIPPER;LDPE,T0.05,W60,L60,TRP,4-PE M	1	SNA	
...4	T0010	BN61-04529A	HOLDER-RING;ABS, HB,GRAY	4	SNA	
...3		BN61-05596A	HOLDER-WIRE CABLE;LED TV,LDPE,T0.8,L150,	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1		BN90-02475L	ASSY COVER FRONT;46,LC550,SO	1	SNA	
..2	F001A	BN96-12809L	ASSY COVER P-FRONT;46,LC550,SO,PMMA+PMMA	1	SA	
...3		BN60-00163D	SPACER-FOAM;LC650-46",FOAM,590,0.5,25,Bo	2	SNA	
...3		BN60-00163J	SPACER-FOAM;LC650-46",FOAM,1024,T 0.5,20	1	SNA	
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.04,1300mm,2	0.84	SNA	
...3	CCM1	BN63-05199B	COVER-SHEET;AMBER,PE,T0.08,W65mm,200M,CL	2.55	SNA	
...3	CCM1	BN63-05199D	COVER-SHEET;AMBER,PE,T0.08,W75mm,200M,CL	1.15	SNA	
...3	F001	BN63-06387F	COVER-FRONT;46,LC550,SO,PMMA+PMMA/ABS,HB	1	SNA	
...3		BN96-12778B	ASSY HOLDER P-BOSS BOTTOM;46,LC630,ABS,H	1	SNA	
....4		BN61-04731A	BOSS-TAPE;AMBER,ACRYL,T1.1,W8.0mm,WHITE	0.51	SNA	
....4		BN61-06076B	HOLDER-BOSS BOTTOM;46,LC630,ABS,HB,WT003	1	SNA	
...3	M0125	BN96-13451C	ASSY BOARD P-TOUCH FUNCTION&IR;LN46C550J	1	SA	
...3	AB326	BN61-04661A	BRACKET-STOPPER;L650,SK-5,T0.4,Plating,H	5	SNA	
...3		BN74-00052A	TAPE-PAPER;LB530,Crepe Paper,0.17mm, 10m	0.05	SNA	
..2	T0175	BN96-12837B	ASSY SPEAKER P;6ohm,4pin,10W,L:630 R:290	1	SA	
0.1	M0017	BN91-05469V	ASSY CHASSIS;MODEL	1	SNA	
..2	M0014	BN94-03473P	ASSY PCB MAIN;NEW MODEL	1	SA	
...3		0202-001521	SOLDER-WIRE FLUX;ECO SOLDER RMA98 SUP,D1	0.25	SNA	
...3		3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	SA	
...3	CN906	3707-001096	CONNECTOR-OPTICAL;STRAIGHT W/L,SPDIF	1	SA	
...3		3711-007302	HEADER-BOARD TO BOARD;BOX,18P,2R,2mm,ANG	1	SA	
...3		3722-003037	JACK-USB;4P/1C W/L,AU/NI,BLK,ANGLE,A	2	SA	
...3	JA330	3722-003038	JACK-PHONE;7P/1C W/L,SN,BLK	2	SA	
...3	JA333	3722-003040	JACK-PIN;3P W/L,SN,BLK/YEL/WHT/RED,ANGLE	1	SA	
...3	JA333	3722-003052	JACK-PIN;5P+Shield W/L,NI/SN,GN/BL/RD/WH	2	SA	
...3		3722-003058	JACK-MODULAR;8P/8C W/L,Y,STRAIGHT,N,AU,1	1	SA	
...3	CIS3	BN40-00173A	TUNER;DTOS40CVL081A,DVB-T/C,164CH,38.9MH	1	SA	
...3	T0066	BN62-00040A	HEAT SINK-ES;SAPPHIRE,T2.0,36*36*6.6,BLK	1	SNA	
...3	T0527	BN68-00513A	LABEL-E,PASS;ALL MODEL,YUPO(110G),50X15,	1	SNA	
...3	M0412	BN96-11826C	ASSY BRACKET P-PCB;LB450 40,SPTE T0.5 +	1	SNA	
....4		BN61-04928C	BRACKET-SUPPORT PCB;SPTE,T 0.5,SCREW-M4	1	SNA	
....4		BN61-05262B	HOLDER-BOSS PCB;52,LB550(EO),PBT+G/F(30%	1	SNA	
...3		BN97-04044U	ASSY SMD;NEW MODEL	1	SNA	
....4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	25	SA	
....4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8/6.6V,300mW,SO	9	SNA	
....4	D0254	0404-001271	DIODE-SCHOTTKY;SSA34,40V,3000mA,SMA,TP	2	SA	
....4	D0254	0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	1	SA	
....4	T0139	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	9	SNA	
....4	SD3	0407-000114	DIODE-SWITCHING;KDS184,80V,100mA,SOT-23,	3	SNA	
....4	Q101	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	10	SA	
....4	CEQ2	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	7	SA	
....4	Q409	0505-002560	FET-SILICON;AO6415,P,-20V,-3.3A,0.15ohm,	1	SA	
....4	T0596	0904-002554	IC-USC;AU6256-JBF,QFN,28P,5x5mm,12MHz,TP	1	SA	
....4	IC106	1001-001573	IC-VIDEO SWITCH;SiI9287BCNUTR,QFN,72P,10	1	SNA	
....4		1006-001266	IC-LINE TRANSCEIVER;3232,TSSOP,16P,174MI	1	SA	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	2	SA	
....4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	SA	
....4		1105-002058	IC-DDR2 SDRAM;K4T1G164QE-HCF8,DDR2,1Gbit	2	SA	
....4	T0085	1201-002849	IC-AUDIO AMP;DRV603,TSSOP,14P,5x4.4mm,DU	1	SA	
....4	T0124	1201-002993	IC-POWER AMP;TAS5715,HTQFP,48P,7x7mm,DUA	1	SA	
....4	T0087	1203-001815	IC-POS.FIXED REG.;78M09,TO-252,3P,PLAST	1	SA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0087	1203-002835	IC-POSI.FIXED REG.;KIA7805AF,DPAK,3P,6.6	1	SA	
....4	T0087	1203-002898	IC-POSI.FIXED REG.;G950T45R,T0-252,3P,6.	1	SA	
....4		1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA	
....4	T0087	1203-005134	IC-POSI.FIXED REG.;RT9167A-33PB,SOT-23-5	1	SNA	
....4		1203-005559	IC-BACKLIGHT DRIVER;MP3302DJ,TSOT23,5P,2	1	SA	
....4		1203-006013	IC-DC/DC CONVERTER;AOZ1031AI,SO-8,8P,4.9	1	SA	
....4		1203-006017	IC-VOL. DETECTOR;RT9824GJ8,TSOT23,8P,2.9	1	SA	
....4	T0087	1203-006135	IC-POSI.FIXED REG.;AP1117D-33-GZ-13-89,T	1	SA	
....4	T0087	1203-006136	IC-POSI.FIXED REG.;AP1117D-18-GZ-13-89,T	1	SA	
....4	IC012	1203-006138	IC-POSI.ADJUST REG.;AP1117DGZ-13-89,TO-2	1	SA	
....4		1204-003088	IC-DEMULATOR;DRX39XYK,PQFN,64P,9x9x0.8	1	SA	
....4		1204-003096	IC-VIDEO DECODER;HIDTVPRO-SX,PBGA,580P,P	1	SA	
....4		1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	2	SA	
....4		1205-003733	IC-SWITCH;AP2191MPG-13,MSOP-8L-EP,8P,2.9	1	SA	
....4		1205-003735	IC-SWITCH;AP2151WG-7,SOT25,5P,2.9x1.6mm,	1	SA	
....4		1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	SA	
....4		1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	4	SA	
....4		1405-001271	VARISTOR;20Vdc,5A,1.0x0.5x0.6mm,TP	22	SA	
....4	ZR24	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SNA	
....4	R105	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	31	SNA	
....4	AR49	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	4	SNA	
....4	MR306	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	12	SNA	
....4	R319	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	53	SNA	
....4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA	
....4	R104	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	38	SNA	
....4	R102	2007-000149	R-CHIP;12Kohm,5%,1/16W,TP,1005	8	SA	
....4	MR36	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	5	SNA	
....4	AR43	2007-000155	R-CHIP;27Kohm,5%,1/16W,TP,1005	2	SNA	
....4	RZ07	2007-000156	R-CHIP;30Kohm,5%,1/16W,TP,1005	2	SA	
....4	MR13	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	6	SNA	
....4	R123	2007-000159	R-CHIP;56Kohm,5%,1/16W,TP,1005	1	SNA	
....4	DR39	2007-000162	R-CHIP;100Kohm,5%,1/16W,TP,1005	2	SNA	
....4	MR16	2007-000168	R-CHIP;470Kohm,5%,1/16W,TP,1005	2	SNA	
....4	R111	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	15	SNA	
....4	HDR17	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	12	SNA	
....4	R338	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	20	SNA	
....4	MR9	2007-000455	R-CHIP;18Kohm,1%,1/10W,TP,1608	2	SA	
....4	ER13	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	SNA	
....4		2007-000755	R-CHIP;330Kohm,1%,1/10W,TP,1608	1	SA	
....4	R124	2007-000775	R-CHIP;33Kohm,5%,1/16W,TP,1005	3	SNA	
....4	DR37	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	4	SNA	
....4	AAR20	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SNA	
....4		2007-001285	R-CHIP;5.6ohm,5%,1/16W,TP,1005	4	SA	
....4	OTR1	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	10	SNA	
....4	R326	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	12	SNA	
....4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	4	SA	
....4	TR30	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	6	SA	
....4	R365	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	2	SNA	
....4		2007-007134	R-CHIP;39Kohm,1%,1/16W,TP,1005	1	SA	
....4	DR4	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	3	SNA	
....4		2007-007156	R-CHIP;1ohm,5%,1/16W,TP,1005	7	SNA	

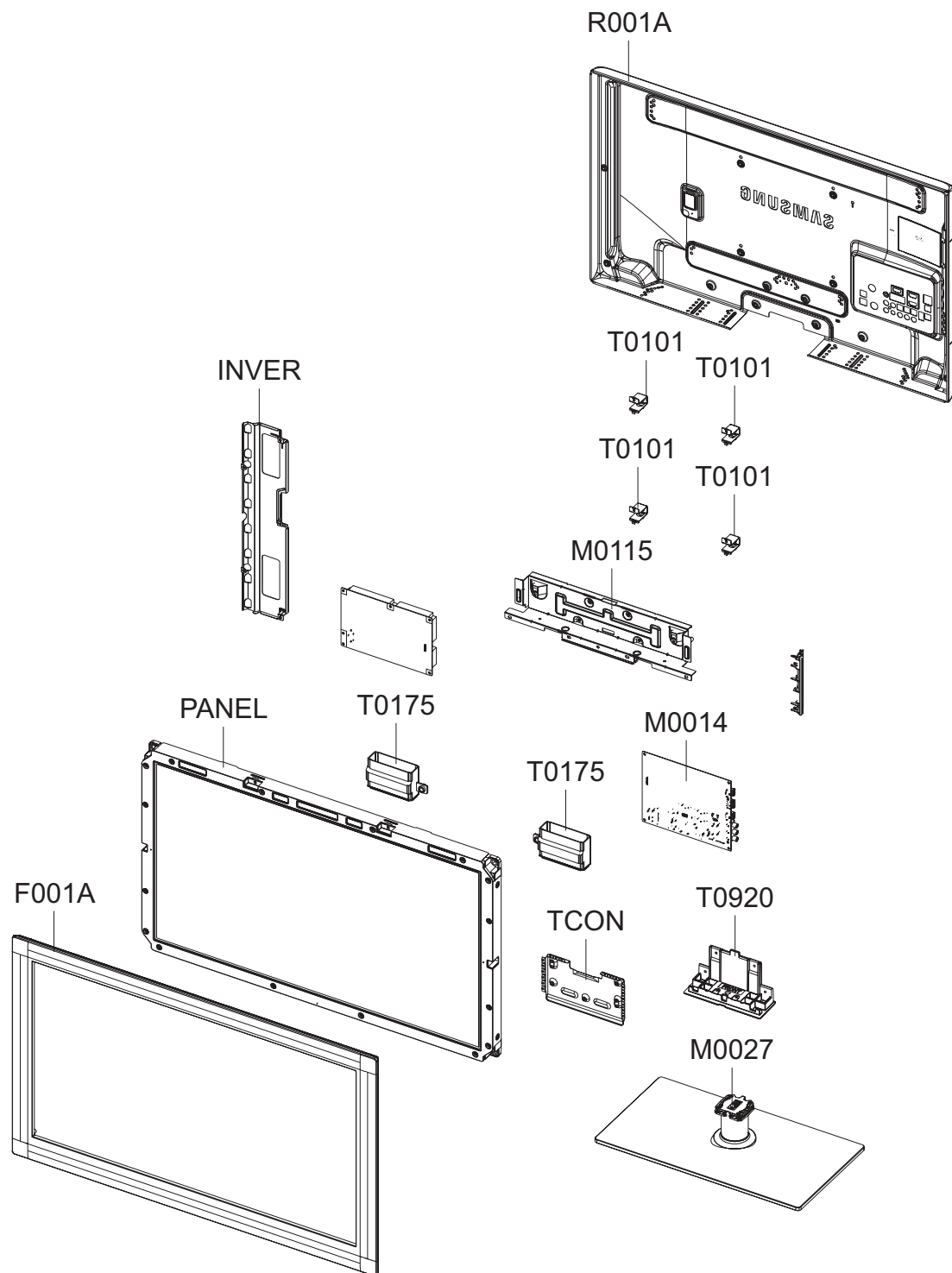
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005	3	SA	
....4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	9	SNA	
....4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005	1	SA	
....4	MR11	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	12	SNA	
....4		2007-008134	R-CHIP;12.4Kohm,1%,1/16W,TP,1005	1	SC	
....4		2007-008298	R-CHIP;49.9ohm,1%,1/16W,TP,1005	4	SA	
....4	DRP29	2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SA	
....4		2011-001427	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,2.0	1	SA	
....4		2011-001449	R-NETWORK;22ohm,5%,1/16W,L,4P,TP,1010	5	SA	
....4		2011-001527	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,4P,TP,	3	SNA	
....4		2011-001589	R-NETWORK;0ohm,5%,1/16W,L,CHIP-V,4P,TP,1	16	SNA	
....4	PC43	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005	5	SA	
....4	RC34	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	2	SA	
....4	MC302	2203-000425	C-CER,CHIP;.018nF,5%,50V,C0G,TP,1005	4	SA	
....4	C254	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005	9	SA	
....4	C507	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005	3	SA	
....4	V1233	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,TP,2012	6	SNA	
....4	ZC14	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	2	SNA	
....4	DC25	2203-000812	C-CER,CHIP;.033nF,5%,50V,C0G,1005	10	SA	
....4	CK40B	2203-000838	C-CER,CHIP;0.39NF,5%,50V,C0G,TP,1608	1	SNA	
....4	KFC6	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	2	SNA	
....4	AD480	2203-001428	C-CER,CHIP;470nF,10%,50V,X7R,TP,2012	3	SNA	
....4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	15	SNA	
....4	AD480	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	10	SNA	
....4	AAC1	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	14	SNA	
....4	AD480	2203-005511	C-CER,CHIP;27nF,10%,10V,X7R,TP,1005	1	SA	
....4	AD480	2203-005968	C-CER,CHIP;4.7NF,10%,50V,X7R,TP,1005	2	SNA	
....4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,1005	2	SNA	
....4	PC11	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	5	SNA	
....4	C102	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	122	SNA	
....4	JC10	2203-006324	C-CER,CHIP;2200nF,10%,10V,X5R,1608	2	SA	
....4	AD480	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	7	SA	
....4	C125	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	58	SC	
....4	C234	2203-006378	C-CER,CHIP;4700nF,10%,6.3V,X5R,TP,1608	1	SNA	
....4	HE4	2203-006474	C-CER,CHIP;22000nF,20%,6.3V,X5R,2012	1	SA	
....4	HDC11	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	21	SNA	
....4	AD480	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,TP,1005	2	SNA	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	4	SA	
....4	T0052	2703-000296	INDUCTOR-SMD;680nH,10%,1608	1	SA	
....4	VL6	2703-000398	INDUCTOR-SMD;10uH,10%,3225	6	SA	
....4	T0052	2703-001239	INDUCTOR-SMD;3.3uH,10%,1608	3	SA	
....4	T0052	2703-003149	INDUCTOR-SMD;2.2uH,20%,5050	2	SA	
....4	X202	2801-003326	CRYSTAL-SMD;24MHz,30ppm,28-ABX,20pF,50oh	1	SA	
....4	X202	2801-004004	CRYSTAL-SMD;20.25MHz,20ppm,28-AAN,13pF,2	1	SA	
....4	X202	2801-004775	CRYSTAL-SMD;12MHz,30ppm,16pF,30ohm,TP	1	SNA	
....4	F103	2901-001506	FILTER-EMI SMD;5V,0.13A,0pF,2x1x0.5mm,TP	2	SA	
....4	T0568	3301-001082	BEAD-SMD;60ohm,3225,TP,43ohm/40MHz,83ohm	1	SNA	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608	7	SNA	
....4	T0568	3301-002039	BEAD-SMD;26ohm,1608,TP	42	SA	
....4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,Hi	1	SNA	
....4		3701-001591	CONNECTOR-HDMI;19P,2ROW,FEMALE,SMD-S,AU	3	SNA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	AC510	3708-002797	CONNECTOR-FPC/FFC/PIC;51P,0.50mm,SMD,AU,	1	SA	
....4	CON_US	3711-005616	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,SMD	1	SNA	
....4	HB01A	3711-007336	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,SM	1	SA	
....4	T0077	BN41-01377A	PCB MAIN;Trident SX1,FR-4,4,1.0,1.2,192x	1	SNA	
....4	T0527	BN68-01075A	LABEL;9mm,15mm,WHITE	2	SNA	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	2	SA	
....4		0403-001164	DIODE-ZENER;MMSZ5232B,5.32-5.88V,500MW,S	1	SA	
....4		2704-000029	INDUCTOR-SMD-ARRAY;5.6uH,2300mA,2,0.08oh	2	SNA	
....4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005	1	SNA	
....4		2007-008593	R-CHIP;750ohm,1%,1/16W,TP,1005	1	SA	
....4		2011-001585	R-NETWORK;47ohm,5%,1/16W,L,CHIP-V,4P,TP,	2	SNA	
....4		1203-006288	IC-VOL. DETECTOR;RT9818B-18GV,SOT-23-3,3	1	SA	
....4		3701-001693	CONNECTOR-HDMI;19P,2ROW,FEMALE,SMD-A	1	SA	
....4		BN97-04140A	ASSY MICOM-SUB;T-TDT5DEUS-1002,2010.03.1	1	SNA	
.....5	IC115	1107-001580	IC-FLASH MEMORY;MX25L4005,4Mbit,512Kx8,S	1	SNA	
....4		0202-001767	SOLDER-CREAM;LST-5710,D20~38,Sn-57Bi-1Ag	2.235	SNA	
....4	R945	2007-000726	R-CHIP;300ohm,1%,1/10W,TP,1608	1	SA	
....4	PR12	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA	
....4		2007-001237	R-CHIP;910ohm,1%,1/10W,TP,1608	1	SA	
....4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,1005	1	SA	
....4	T0052	2703-002268	INDUCTOR-SMD;8.2nH,5%,1005	4	SNA	
....4	AD480	2203-006824	C-CER,CHIP;4700nF,10%,10V,X5R,1608	1	SNA	
....4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,1005	1	SNA	
....4	L1103	2703-000403	INDUCTOR-SMD;22uH,10%,3225	1	SA	
....4	PR6	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	2	SNA	
....4	JC31	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	4	SNA	
....4	DC9	2203-005481	C-CER,CHIP;47nF,10%,10V,X7R,TP,1005	1	SA	
....4		1203-005538	IC-DC/DC CONVERTER;AOZ1021HAIL,SOP,8P,4.	1	SA	
....4		2007-007135	R-CHIP;18Kohm,1%,1/16W,TP,1005	1	SNA	
....4	C711	2203-002982	C-CER,CHIP;6.8nF,10%,50V,X7R,1005	1	SA	
....4		BN97-04127A	ASSY MICOM-SUB2;T-TDT5DAAC-0340.0,L450,A	1	SNA	
.....5		1107-001818	IC-NAND FLASH;KFG1G16U2C-DIB6,1024Mbit,6	1	SNA	
....4	C	2402-001314	C-AL,SMD;100uF,20%,16V,WT,TP,6x5.8mm	1	SA	
....4		BN68-03016A	LABEL;LS19MYMKBQ/XSJ,JAPAN,FLOURESCENT,1	1	SNA	
...3		0202-001557	SOLDER-CREAM;LST57-A,D38-63,42SN/57BI/1A	11	SNA	
...3		BN68-03016A	LABEL;LS19MYMKBQ/XSJ,JAPAN,FLOURESCENT,1	1	SNA	

5. Exploded View & Part List

5-1. LA32C550J1R Exploded View



5-2. LA32C550J1R Parts List

Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
F001A	BN96-12806L	ASSY COVER P-FRONT;32,LC550,SO,PMMA+PMMA	1	SA	
PANEL	BN07-00808A	LCD-PANEL;LTF320HM01,SSCZMS,8bit,31.5,16	1	SA	
TCON	BN81-04151A	A/S-T CON LTF320HM01;LTF320HM01	1	SA	
INVER	BN81-04167A	A/S-INVERTER LTF320HM01;LTF320HM01	1	SA	
M0014	BN94-03456J	ASSY PCB MAIN;NEW MODEL	1	SA	
	BN61-05990B	HOLDER-SIDE AV;40,LC650,ABS+PMMA,BK0007,	1	SNA	
M0115	BN61-06024A	BRACKET-STAND LINK;LC550 32",SECC,T1.2	1	SNA	
T0175	BN96-12871A	ASSY SPEAKER P;6ohm,4pin,10W,L:530 R:170	1	SA	
T0101	BN61-05996A	BRACKET-WALL;LC650 40,SECC,T1.2	4	SNA	
R001A	BN96-12765T	ASSY COVER P-REAR;32,LC550,SO,PCM,T0.5,B	1	SA	
T0920	BN61-06002A	GUIDE-STAND;32,LC650,PC+G/F,20%,V2,BK000	1	SNA	
M0027	BN96-12761A	ASSY STAND P-BASE;32,EXPORT,TEMPERED GLA	1	SA	

5-2-1. LA32C550J1R Parts List

Service Bom (SA: SERVICE AVAILABLE, SNA: SERVICE NOT AVAILABLE)

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
			LA32C550J1RXXM			
0.1	S001A	BN90-02442B	ASSY STAND;32,LC650,W/W,2COAT,ROSE BLACK	1	SNA	
..2	SG03A	BN96-12758B	ASSY STAND P-GUIDE;32,LC650,W/W,PC+G/F,2	1	SA	
...3	T0524	6902-001048	BAG PE;LDPE,T0.05,W160,L300,TRP,4g	1	SNA	
...3	T0920	BN61-06002A	GUIDE-STAND;32,LC650,PC+G/F,20%,V2,BK000	1	SNA	
...3		BN68-02766B	MANUAL FLYER-STAND GUIDE;L550~L750,SAMSU	1	SNA	
...3		BN96-12031G	ASSY ACCESSORY-SCREW;10 LCD-TV,6003-0010	1	SNA	
...4	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	9	SA	
...4	T0524	6902-000341	BAG PE;LDPE,T0.05,L90,W70,TRP,,,PE MARK	1	SNA	
..2	M0027	BN96-12761A	ASSY STAND P-BASE;32,EXPORT,TEMPERED GLA	1	SA	
...3	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	SA	
...3		BN61-04692A	BOSS-PRIMER;#94,clear,35cps	0.1	SNA	
...3		BN61-04731C	BOSS-TAPE;AMBER,ACRYL,T1.1,W16.0mm,WHITE	0.29	SNA	
...3		BN61-04855A	BRACKET-SWIVEL BOTTOM;B650 40,SECC,T2.0	1	SNA	
...3		BN61-05254A	HOLDER-SWIVEL RING BOTTOM;LB700 40,POM H	1	SNA	
...3		BN61-05653A	BRACKET-STAND BOTTOM;B650 32,SECC,T2.0	1	SNA	
...3		BN61-05826A	BOSS-BOND;#760,Poly urethane,Black	2.4	SNA	
...3	GSN01	BN61-05993A	GUIDE-STAND NECK;32,LC650,PETG,V2,TP0003	1	SNA	
...4		BN61-06078B	GUIDE-NECK-INSERT;LC650 32,PETG HB,TP000	1	SNA	
...3	CCM1	BN63-04755A	COVER-SHEET;AMBER,PE,T0.05,W150mm,200M,6	1.1	SNA	
...3		BN63-05530D	COVER-STAND GLASS;32,LC650,GLASS,T8.0,2C	1	SNA	
...3	T0527	BN68-01648B	LABEL WARNING;WW,PET,T0.05,40,25,EXPORT	1	SNA	
...3	M0126	BN73-00215A	RUBBER-FOOT;40LB650,RUBBER,15*25,60,4.0,	4	SNA	
...3	M0126	BN73-00217A	RUBBER-FOOT;LB650,RUBBER,DIA30,7.5,Dark	4	SNA	
...3		BN74-00031A	GREASE;kanto-kasei FL-955,grease,wht	0.4	SNA	
...3	T0056	BN63-06908A	COVER-DECORATION;LB700 40,ABS+PMMA,HB,H/	1	SNA	
0.1	R001A	BN90-02446T	ASSY COVER REAR;32,LC550,SO	1	SNA	
..2	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	9	SA	
..2	R001A	BN96-12765T	ASSY COVER P-REAR;32,LC550,SO,PCM,T0.5,B	1	SA	
...3	R001	BN63-06392D	COVER-REAR;32,LC550,SO,PCM,T0.5,BLK	1	SNA	
...3		BN64-01270A	INLAY-AV;LC650,PS SHEET,T0.5,UO	1	SNA	
...3	T0071	BN64-01298B	INLAY-TERMINAL;LC550,SO,PS SHEET,T0.5,BL	1	SNA	
...3	T0139	BN65-00003A	CLAMPER BAG;42C7,LDPE,HB,BLK	1	SNA	
...3		BN60-00162X	SPACER-FOAM;FOAM,30000mm,Dark Gray,1T,15	1.77	SNA	
...3	AH358	BN61-06544A	HOLDER-REAR;LC650 32,PP,BLK	1	SNA	
0.1		BN91-04886A	ASSY LCD-AMLCD;BN07-00808A	1	SNA	
..2	PANEL	BN07-00808A	LCD-PANEL;LTF320HM01,SSCZMS,8bit,31.5,16	1	SA	
...3	TCON	BN81-04151A	A/S-T CON LTF320HM01;LTF320HM01	1	SA	
...3	INVER	BN81-04167A	A/S-INVERTER LTF320HM01;LTF320HM01	1	SA	
0.1		BN91-05022U	ASSY SHIELD;NEW MODEL	1	SNA	
..2	T0081	6001-002284	SCREW-MACHINE;BH,+,M4,L8,ZPC(WHT),SWRCH1	7	SA	
..2	M0081	6003-000337	SCREW-TAPTYPE;BH,+,S,M4,L10,ZPC(BLK),SWR	6	SA	
..2	M0081	6003-001003	SCREW-TAPTYPE;BH,+,B,M4,L12,ZPC(BLK),SWR	7	SA	
..2	M2893	BN39-01267A	LEAD CONNECTOR;LA32B450,UL 2651 AWG#26,1	1	SA	
..2	M2893	BN39-01274A	LEAD CONNECTOR;LC5F,UL 1007 #26,14P,80mm	1	SA	
..2		BN61-05990B	HOLDER-SIDE AV;40,LC650,ABS+PMMA,BK0007,	1	SNA	
..2	M0523	BN96-12973A	ASSY BRACKET P-WALL;32,37,40,LC650,SECC,	4	SNA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	T0101	BN61-05996A	BRACKET-WALL;LC650 40,SECC,T1.2	4	SNA	
...3		BN60-00188B	SPACER-FOAM;LCD,FELT,20,3.0,20,Center :	4	SNA	
..2	T0910	BN96-13341A	ASSY BRACKET P-STAND LINK;LC530 32,SECC,	1	SNA	
...3		BN61-02429K	STUD-PEM;PNB,M3.8,D7,L14.9,ZPC(SIL),SUM2	4	SNA	
...3	M0115	BN61-06024A	BRACKET-STAND LINK;LC550 32",SECC,T1.2	1	SNA	
...3		BN61-05281A	HOLDER-CLAMP;LCD,NYLON 66,WHT	2	SNA	
..2	MP01A	BN94-03434A	ASSY PCB MISC-POWER;DP,BN94-03213A	1	SNA	
...3	MP01A	BN94-03213A	ASSY PCB POWER;P3237F1_AVD	1	SA	
....4		0201-001059	ADHESIVE-SIL;#9590,WHT,CARTRIGE	0.005	SNA	
....4		0201-002119	ADHESIVE-A.C.F;HT-130DL,RED,550~650,SMD	1	SNA	
....4		0202-001521	SOLDER-WIRE FLUX;ECO SOLDER RMA98 SUP,D1	0.003	SNA	
....4		0204-002514	THINNER;TS4500,OXIGEN,NO,13.15KG,14KG/BO	8	SNA	
....4		0204-003403	ISOPROPYL ALCOHOL;FLUX REDUCER #5080,GRA	0.004	SNA	
....4		0402-001399	DIODE-BRIDGE;GSIB660,600V,6A,SIP-4,BK	1	SA	
....4		0604-001032	PHOTO-COUPLER;TR,170-260%,300mW,DIP-4,ST	3	SA	
....4	T0900	1404-001195	THERMISTOR-NTC;5.1ohm,3.84A,3000K,21mW/C	1	SA	
....4		2005-000381	R-WIRE WOUND,NON;0.12ohm,5%,1W,AA,TP,4x1	1	SC	
....4		2009-000017	R-METAL PLATE;0.1ohm,10%,5W,CL,TP,5x14x1	1	SA	
....4		2201-000559	C-CERAMIC,DISC;0.47NF,20%,400V,Y5P,BK,9.	2	SA	
....4	PCD02	2201-000963	C-CERAMIC,DISC;1NF,20%,400V,Y5U,TP,9.5X6	2	SA	
....4		3601-000296	FUSE-CARTRIDGE;250V,5A,TIME-LAG,CERAMIC,	1	SA	
....4		3711-004121	HEADER-BOARD TO BOARD;BOX,14P,1R,2mm,ANG	1	SA	
....4		3711-007302	HEADER-BOARD TO BOARD;BOX,18P,2R,2mm,ANG	1	SA	
....4		3721-001113	PLUG-AC POWER;3P,10A,250V,STRAIGHT,32.7X	1	SNA	
....4		BN13-00033A	IC HYBRID;FSFR1800US,10,-40~+130#,9-SIP,	1	SA	
....4		BN26-00038A	TRANS-PFC;3237PFC,IP-32/37,10P,220uH,5.2	1	SA	
....4		BN26-00040A	TRANS-VM;3237VM,IP-32/37,12P,550uH,1.95u	1	SA	
....4		BN26-00041A	TRANS-STBY TRANS;STB,IP-32/37,12,800H,46	1	SA	
....4		BN27-00037A	COIL FILTER;8.0mH MIN,0.200#,43 □ 2,25.5	2	SA	
....4		BN61-06378A	HOLDER-PCB SUPPORTER;LCD,NYLON 66,WHT	3	SNA	
....4		BN61-06381A	HOLDER-PCB LUG;LCD,SPCC	4	SNA	
....4		BN62-00053A	HEAT SINK-PS;SMPS,A1050,100*15*21	1	SNA	
....4		BN62-00055A	HEAT SINK-PS;SMPS,A1050,76*15*21	1	SNA	
....4		BN62-00056A	HEAT SINK-PS;SMPS,A1050,39*3*21	1	SNA	
....4		BN62-00057A	HEAT SINK-ES;SMPS,A6063,45*15*21	1	SNA	
....4		BN62-00057B	HEAT SINK-ES;SMPS,A6063,60*15*21	1	SNA	
....4		BN97-04148A	ASSY AUTO-POWER;BN94-03213A	1	SNA	
.....5	PDS11	0402-000012	DIODE-RECTIFIER;UF4007,1000V,1A,DO-41,TP	4	SA	
.....5	PPRO1	2001-000042	R-CARBON;1Kohm,5%,1/4W,AA,TP,2.4x6.4mm	1	SA	
.....5	R2D8	2001-000613	R-CARBON;3.9Kohm,5%,1/8W,AA,TP,1.8x3.2mm	1	SA	
.....5		2001-001187	R-CARBON(S);75ohm,5%,1/2W,AA,TP,2.4x6.4m	1	SA	
.....5		2003-000995	R-METAL OXIDE(S);3.3Kohm,5%,2W,AF,TP,3.9	2	SA	
.....5		2003-002102	R-METAL OXIDE(S);68Kohm,5%,2W,AF,TP,4x12	1	SA	
.....5		2301-001661	C-FILM,PEF;2.2NF,5%,400V,TP,6X9.5X3.5MM,	1	SA	
.....5	C	2401-000142	C-AL;1000uF,20%,16V,WT,TP,10x20,5	2	SC	
.....5	C	2401-000962	C-AL;22uF,20%,50V,GP,TP,5x11,5	3	SA	
.....5	C	2401-003139	C-AL;1000uF,20%,25V,WT,TP,10*20,5mm	2	SA	
.....5	C	2401-003224	C-AL;470uF,20%,16V,WT,TP,8X11.5,5mm	1	SA	
.....5	C	2401-003580	C-AL;1000uF,20%,35V,WT,TP,13x20mm,5	2	SA	
.....5	L2514	3301-001223	BEAD-AXIAL;62ohm,3.5x0.8x5mm,TP,-,-	2	SA	
.....5		3602-000114	FUSE-HOLDER;30MOhm	2	SC	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....5		6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	12	SNA	
.....5		6042-000002	EYELET;ID1.5,OD2,L2.8,NI+SN,BSP3-1/2H	42	SNA	
.....5	M0125	BH39-40362W	CBF-HARNESS;0.6PHI,ROLL-TYPE	596.4	SA	
.....5		BN97-04149A	ASSY SMD-POWER;BN94-03213A	1	SNA	
.....6	D1	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	2	SNA	
.....6	DR01A	0402-001942	DIODE-RECTIFIER;STTH3L06S,600V,3A,SMC,TP	2	SNA	
.....6		0403-001454	DIODE-ZENER;MMSZ5245B,14.25/15.75V,500mW	1	SA	
.....6		0403-001499	DIODE-ZENER;MMSZ5252B,22.8/25.2V,500mW,S	1	SA	
.....6		0403-001552	DIODE-ZENER;DDZ16,15.69/16.51V,500mW,SOD	2	SA	
.....6	Q1040	0501-000457	TR-SMALL SIGNAL;MMBT2222A/KST2222A,NPN,3	4	SA	
.....6	Q806	0504-000152	TR-DIGITAL;KSR2101,PNP,200mW,4.7K/4.7Koh	1	SA	
.....6		0505-002623	FET-SILICON;AO4476AL,N,30V,15A,0.0077ohm	1	SA	
.....6		1203-005587	IC-POSITIVE ADJUST REG.;KIA431AM,SOT-23,3P,2	4	SNA	
.....6		1203-006177	IC-PWM CONTROLLER;FAN7530MX,8-SOP,8P,4.9	1	SNA	
.....6	R533	2007-000003	R-CHIP;43Kohm,5%,1/8W,TP,2012	2	SNA	
.....6	J914	2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	4	SC	
.....6	JP19	2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	2	SNA	
.....6	PR4	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	2	SNA	
.....6	AR150	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	2	SA	
.....6	MROP1	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	5	SA	
.....6	AR108	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	4	SA	
.....6	ARR2	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	2	SA	
.....6	AR37	2007-000104	R-CHIP;150Kohm,5%,1/10W,TP,1608	2	SA	
.....6	ZR24	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SNA	
.....6	KAR11	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	3	SNA	
.....6		2007-000253	R-CHIP;1.5ohm,5%,1/4W,TP,3216	6	SNA	
.....6	R1005	2007-000300	R-CHIP;10Kohm,5%,1/8W,TP,2012	2	SA	
.....6	MR103	2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	1	SNA	
.....6	R1S36	2007-000493	R-CHIP;2.2Kohm,5%,1/8W,TP,2012	1	SA	
.....6	PRS34	2007-000516	R-CHIP;2.7Kohm,1%,1/10W,TP,1608	1	SA	
.....6	LDR5	2007-000658	R-CHIP;27ohm,5%,1/8W,TP,2012	1	SNA	
.....6	AR28	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	SA	
.....6	AR60	2007-000708	R-CHIP;3.9Kohm,1%,1/10W,TP,1608	1	SNA	
.....6		2007-000728	R-CHIP;300ohm,5%,1/8W,TP,2012	1	SNA	
.....6		2007-000760	R-CHIP;330Kohm,5%,1/4W,TP,3216	4	SNA	
.....6		2007-000774	R-CHIP;33Kohm,5%,1/8W,TP,2012	1	SA	
.....6	RF03	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	1	SA	
.....6	AR61	2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	1	SNA	
.....6	R419	2007-000882	R-CHIP;4.7ohm,5%,1/10W,TP,1608	1	SNA	
.....6	ZRA4	2007-000931	R-CHIP;470ohm,5%,1/8W,TP,2012	1	SC	
.....6		2007-000938	R-CHIP;47Kohm,1%,1/8W,TP,2012	1	SA	
.....6	AR80	2007-000947	R-CHIP;47ohm,5%,1/8W,TP,2012	1	SNA	
.....6	R858	2007-001007	R-CHIP;51Kohm,1%,1/10W,TP,1608	1	SA	
.....6		2007-002900	R-CHIP;11Kohm,1%,1/10W,TP,1608	1	SNA	
.....6	R8	2007-007721	R-CHIP;560ohm,1%,1/10W,TP,1608	1	SA	
.....6		2007-010304	R-CHIP;1.82Mohm,1%,1/4W,TP,3216	8	SA	
.....6	C706	2203-000239	C-CER,CHIP;0.1nF,5%,50V,C0G,2012	1	SNA	
.....6	C134	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	2	SA	
.....6	C4M17A	2203-000323	C-CER,CHIP;12nF,10%,50V,X7R,TP,2012,-	1	SA	
.....6	C212	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	SA	
.....6	AC139	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	SA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.....6	V1233	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,TP,2012	2	SNA	
.....6	AD480	2203-000938	C-CER,CHIP;0.47nF,5%,50V,C0G,2012	1	SNA	
.....6	6MC22	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	2	SNA	
.....6	AD480	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	SNA	
.....6	C371	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,TP,1608	1	SNA	
.....6	C14	2203-001132	C-CER,CHIP;0.68nF,5%,50V,NP0,2012	1	SNA	
.....6	AD480	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,2012	1	SNA	
.....6	AC611	2203-005194	C-CER,CHIP; .22nF,10%,50V,X7R,TP,1608	3	SA	
.....6	AAC1	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	5	SNA	
.....6	AD480	2203-006307	C-CER,CHIP;1000nF,10%,25V,X5R,2012	1	SNA	
.....6	AD480	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	1	SA	
.....6		BN41-01320A	PCB-POWER;P3237F1_AVD,FR-1,1,0.1,1.6T,19	1	SNA	
.....6	AD480	2203-001428	C-CER,CHIP;470nF,10%,50V,X7R,TP,2012	1	SNA	
.....6	AD480	2203-006636	C-CER,CHIP;220nF,10%,25V,X7R,1608	1	SA	
.....6		0403-001775	DIODE-ZENER;KDZ18B,18/20.3V,1000mW,SOD-1	1	SA	
.....6		2007-000653	R-CHIP;27Kohm,5%,1/8W,TP,2012	1	SNA	
.....5	FAR13	2001-001165	R-CARBON(S);56ohm,5%,1/2W,AA,TP,2.4x6.4mm	1	SA	
.....5		2201-002028	C-CERAMIC,DISC;0.47NF,10%,2KV,Y5P,TP,7.5	1	SA	
.....5	C	2401-001513	C-AL;47uF,20%,16V,WT,TP,5x11,5	1	SA	
.....5		6042-000001	EYELET;ID2.2,OD2.7,L3.1,NI+SN,BSP3-1/2H	2	SNA	
....4	DR01A	0402-001944	DIODE-RECTIFIER;1N5406G-M4,600V,3A,DO-20	1	SA	
....4		0505-002624	FET-SILICON;FCPF11N60NTYDTU,N,600V,10.8A	1	SA	
....4	T0086	1203-005607	IC-PWM CONTROLLER;ICE3BR1765J,DIP,8P,9.5	1	SNA	
....4		1405-001255	VARISTOR;615Vdc,4500A,17x8mm,BK	1	SC	
....4		2301-002008	C-FILM,LEAD-PEF;1000nF,5%,500V,TP,18.0x1	1	SA	
....4		2301-002009	C-FILM,LEAD-PPF;470nF,10%,275V,TP,10x18x	2	SA	
....4		2303-001001	C-FILM,LEAD-PPF;22nF,5%,630V,TP,18x14.5x	1	SA	
....4		2401-004685	C-AL;120uF,20%,450V,KMF,TP,18x40,7.5mm	1	SNA	
....4		0202-001463	SOLDER-WIRE;LFC2-W3.0,-,D3,99.79Sn/0.2Cu	11.377	SNA	
....4		0204-002606	FLUX;LF-715K,OXIGEN,NO,16000L,14%,16kg,G	2.396	SNA	
....4	D1S34	0402-001600	DIODE-RECTIFIER;MBRF20100CT,100V,20A,ITO	4	SA	
....4	M0081	6003-000335	SCREW-TAPTYPE;RH,+,2S,M3,L8,ZPC(WHT),SWR	8	SNA	
...3		BN98-02542A	ASSY K/D-PACKING MATERIAL;BN41-01320*,BN	1	SNA	
....4	T0214	0203-001269	TAPE-OPP MASKING;#301,T0.06,W75,L50000,N	0.05	SNA	
....4		6902-000359	BAG AIR CAP;LDPE,T0.05,W280,L250,PINK,40	1	SNA	
....4		6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	1	SNA	
....4	M040	6922-000003	BAND PP;PP,T0.8,W18,L1650M,TRP,DA69-9014	0.02	SNA	
....4		AA61-30009A	LOCKER-BAND,CLIP;SPC-1,18MM T0.5	1	SNA	
....4	T0603	AA69-02444L	PALLET-CKD;CKD,PAPER,1150,990,120	1	SNA	
....4		AA69-04771W	PAD-PLATE;CB,SW,550,470	1	SNA	
....4		AA69-04859H	MASTER CARTON;CB,DW,560,480,305	1	SNA	
....4		AA69-04873Q	PAD-CROSS;CB,DW,550,140	1	SNA	
....4		AA69-04873R	PAD-CROSS;CB,DW,470,140	1	SNA	
..2	FL06	BN96-13171N	ASSY CABLE P-FFC;LE32C530F1WXXC,FFC,0.5m	1	SA	
..2	T0081	6001-002604	SCREW-MACHINE;BH,+,M4,L10,ZPC(WHT),SWRCH	2	SA	
..2		BN61-06441A	HOLDER-INLET;LC530,ABS,V0	1	SNA	
..2		BN73-00273B	SILICON/RUBBER-GAPPAD;UE32C6500,SILICON+	1	SNA	
0.1	ACCE1	BN92-05756U	ASSY ACCESSORY;NEW MODEL	1	SNA	
..2	ACCE2	BN96-13177Z	ASSY ACCESSORY-CABLE;NEW MODEL	1	SNA	
...3	T0268	3903-000461	CBF-POWER CORD;DT,GB,GP3/Y(A),IEC320 C13	1	SA	
...3	T0120	4301-000121	BATTERY-MN;1.5V,R03,10.5x44.5mm,HOLDER,7.	2	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	T0524	6902-001107	BAG PE;LDPE,T0.05,W450,L400,TRP,0,3Separ	1	SNA	
...3	T0527	BH68-20009B	LABEL-ACCESSORY;ART-PAPER 100G,15,100,SD	1	SNA	
...3	REMO2	BN59-01019A	REMOCON;TM1050,SAMSUNG,20PIN SINGLE,48KE	1	SA	
...3		BN61-05596A	HOLDER-WIRE CABLE;LED TV,LDPE,T0.8,L150,	1	SNA	
...3	M9889	BN63-01798B	CLOTH-CLEAN;cloth,180,200,sea blue,ToC	1	SA	
...3	T0531	BN63-06389A	COVER-BOTTOM;32,LC530,HIPS,HB,BK0020	1	SA	
..2		BN96-13182H	ASSY ACCESSORY-MANUAL;NEW MODEL	1	SNA	
...3	PE BAG	6902-000009	BAG PE;HDPE,T0.03,W240,L400,TRP,8,2,-,5.	1	SNA	
...3		AA68-03242M	MANUAL FLYER-MANUAL FLYER-06,SAFETY GUID	1	SNA	
...3		BH68-00527B	MANUAL FLYER-00,WARRANTY CARD;COMM,Samsu	1	SNA	
...3	T0527	BH68-20009B	LABEL-ACCESSORY;ART-PAPER 100G,15,100,SD	1	SNA	
...3		BN68-02186A	MANUAL FLYER-TOC GUIDE;COMM,SAMSUNG,11 L	1	SNA	
...3		BN68-02739A	MANUAL USERS-IB;Comm,Samsung,English,Asi	1	SNA	
0.1		BN92-05757G	ASSY LABEL;LA32C550J1RSSK	1	SNA	
..2		BN68-02550A	LABEL-LCD-POP;L550(52/46/40/37/32),Asia,	1	SNA	
..2	T0527	BP68-00052B	LABEL-00,RATING;CCTV,TETRON PAPER,T0.05,	1	SNA	
..2		AA68-03752D	LABEL-STICKER;WW,ALL,Art Paper(90g),44.5	1	SNA	
0.1		BN92-05854A	ASSY P/MATERIAL;32,LC650	1	SNA	
..2	T0214	0203-001595	TAPE-OPP MASKING;OPP-2,0.075,75,800M,CLR	2.32	SNA	
..2		6902-000061	BAG AIR;LDPE,T0.2,W500,L1000,TRP,370.000	1	SNA	
..2		6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,1260.0	1	SNA	
..2	T0524	6902-000519	BAG PE;HDPE/NITRON,T0.015/T0.05(DOUBLE),	1	SNA	
..2		6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	3.44	SNA	
..2		6902-000609	BAG ROLL;LDPE,T0.05,W2400,L1000,TRP,30.0	0.06	SNA	
..2		BN69-00391Q	PAD-ANGLE;T4,50,1800,YEL,400g	1	SNA	
..2	T0246	BN69-04323A	CUSHION-01,SET;32LC550/630/650/670,EPS,1	1	SNA	
..2	M040	6922-000013	BAND PP;PP,W18,L2300m,TRP,21000g	0.53	SNA	
..2		BN68-02422B	LABEL-WARNING SHIPPING;ALL MODEL,A/P 100	1	SNA	
0.1		BN92-05901D	ASSY BOX;32,LC550,SO	1	SNA	
..2		BN69-04472F	BOX-SET;32LC550,CB,A-01,SW2,YEL,W1008,D1	1	SNA	
..2		BH68-00662A	LABEL BOX-00;ALL MODEL,MOJO 90G,60,110,W	1	SNA	
0.1		BN90-02472L	ASSY COVER FRONT;32,LC550,SO	1	SNA	
..2	F001A	BN96-12806L	ASSY COVER P-FRONT;32,LC550,SO,PMMA+PMMA	1	SA	
...3		BN60-00163A	SPACER-FOAM;LC650-32",FOAM,400,0.5,25,Bo	2	SNA	
...3		BN60-00163F	SPACER-FOAM;LC650-32",FOAM,750,T 0.5,22,	1	SNA	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.04,900mm,20	0.67	SNA	
...3	CCM1	BN63-05199B	COVER-SHEET;AMBER,PE,T0.08,W65mm,200M,CL	1.87	SNA	
...3	CCM1	BN63-05199D	COVER-SHEET;AMBER,PE,T0.08,W75mm,200M,CL	0.83	SNA	
...3	F001	BN63-06384F	COVER-FRONT;32,LC550,SO,PMMA+PMMA/ABS,HB	1	SNA	
...3		BN96-12775B	ASSY HOLDER P-BOSS BOTTOM;32,LC630,ABS,H	1	SNA	
....4		BN61-04731A	BOSS-TAPE;AMBER,ACRYL,T1.1,W8.0mm,WHITE	0.37	SNA	
....4		BN61-05977B	HOLDER-BOSS BOTTOM;32,LC630,ABS,HB,WT003	1	SNA	
...3	M0125	BN96-13451B	ASSY BOARD P-TOUCH FUNCTION&IR;LN32C550J	1	SA	
...3	AB326	BN61-04661A	BRACKET-STOPPER;L650,SK-5,T0.4,Plating,H	4	SNA	
...3		BN74-00052A	TAPE-PAPER;LB530,Crepe Paper,0.17mm, 10m	0.05	SNA	
..2	T0175	BN96-12871A	ASSY SPEAKER P;6ohm,4pin,10W,L:530 R:170	1	SA	
0.1	M0017	BN91-05469B	ASSY CHASSIS;MODEL	1	SNA	
..2	M0014	BN94-03456J	ASSY PCB MAIN;NEW MODEL	1	SA	
...3		0202-001521	SOLDER-WIRE FLUX;ECO SOLDER RMA98 SUP,D1	0.25	SNA	
...3		3701-001480	CONNECTOR-DSUB;15P,3R,FEMAIL,STAMPED PIN	1	SA	
...3	CN906	3707-001096	CONNECTOR-OPTICAL;STRAIGHT W/L,SPDIF	1	SA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3		3711-007302	HEADER-BOARD TO BOARD;BOX,18P,2R,2mm,ANG	1	SA	
...3		3722-003037	JACK-USB;4P/1C W/L,AU/NI,BLK,ANGLE,A	2	SA	
...3	JA330	3722-003038	JACK-PHONE;7P/1C W/L,SN,BLK	2	SA	
...3	JA333	3722-003040	JACK-PIN;3P W/L,SN,BLK/YEL/WHT/RED,ANGLE	1	SA	
...3	JA333	3722-003052	JACK-PIN;5P+Shield W/L,NI/SN,GN/BL/RD/WH	2	SA	
...3		3722-003058	JACK-MODULAR;8P/8C W/L,Y,STRAIGHT,N,AU,1	1	SA	
...3	CIS3	BN40-00173A	TUNER;DTOS40CVL081A,DVB-T/C,164CH,38.9MH	1	SA	
...3	T0066	BN62-00040A	HEAT SINK-ES;SAPPHIRE,T2.0,36*36*6.6,BLK	1	SNA	
...3	T0527	BN68-00513A	LABEL-E,PASS;ALL MODEL,YUPO(110G),50X15,	1	SNA	
...3	M0412	BN96-11826C	ASSY BRACKET P-PCB;LB450 40,SPTE T0.5 +	1	SNA	
...4		BN61-04928C	BRACKET-SUPPORT PCB;SPTE,T 0.5,SCREW-M4	1	SNA	
...4		BN61-05262B	HOLDER-BOSS PCB;52,LB550(EO),PBT+G/F(30%	1	SNA	
...3		BN97-04044U	ASSY SMD;NEW MODEL	1	SNA	
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	25	SA	
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8/6.6V,300mW,SO	9	SNA	
...4	D0254	0404-001271	DIODE-SCHOTTKY;SSA34,40V,3000mA,SMA,TP	2	SA	
...4	D0254	0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	1	SA	
...4	T0139	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	9	SNA	
...4	SD3	0407-000114	DIODE-SWITCHING;KDS184,80V,100mA,SOT-23,	3	SNA	
...4	Q101	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	10	SA	
...4	CEQ2	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	7	SA	
...4	Q409	0505-002560	FET-SILICON;AO6415,P,-20V,-3.3A,0.15ohm,	1	SA	
...4	T0596	0904-002554	IC-USC;AU6256-JBF,QFN,28P,5x5mm,12MHz,TP	1	SA	
...4	IC106	1001-001573	IC-VIDEO SWITCH;SiI9287BCNUTR,QFN,72P,10	1	SNA	
...4		1006-001266	IC-LINE TRANSCEIVER;3232,TSSOP,16P,174MI	1	SA	
...4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8,SOP,8P,5x4mm	2	SA	
...4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	SA	
...4		1105-002058	IC-DDR2 SDRAM;K4T1G164QE-HCF8,DDR2,1Gbit	2	SA	
...4	T0085	1201-002849	IC-AUDIO AMP;DRV603,TSSOP,14P,5x4.4mm,DU	1	SA	
...4	T0124	1201-002993	IC-POWER AMP;TAS5715,HTQFP,48P,7x7mm,DUA	1	SA	
...4	T0087	1203-001815	IC-POSIFIXED REG.;78M09,TO-252,3P,PLAST	1	SA	
...4	T0087	1203-002835	IC-POSIFIXED REG.;KIA7805AF,DPAK,3P,6.6	1	SA	
...4	T0087	1203-002898	IC-POSIFIXED REG.;G950T45R,TO-252,3P,6.	1	SA	
...4		1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA	
...4	T0087	1203-005134	IC-POSIFIXED REG.;RT9167A-33PB,SOT-23-5	1	SNA	
...4		1203-005559	IC-BACKLIGHT DRIVER;MP3302DJ,TSOT23,5P,2	1	SA	
...4		1203-006013	IC-DC/DC CONVERTER;AOZ1031AI,SO-8,8P,4.9	1	SA	
...4		1203-006017	IC-VOL. DETECTOR;RT9824GJ8,TSOT23,8P,2.9	1	SA	
...4	T0087	1203-006135	IC-POSIFIXED REG.;AP1117D-33-GZ-13-89,T	1	SA	
...4	T0087	1203-006136	IC-POSIFIXED REG.;AP1117D-18-GZ-13-89,T	1	SA	
...4	IC012	1203-006138	IC-POSIFIXED REG.;AP1117DGZ-13-89,TO-2	1	SA	
...4		1204-003088	IC-DEMULATOR;DRX39XYK,PQFN,64P,9x9x0.8	1	SA	
...4		1204-003096	IC-VIDEO DECODER;HIDTVPRO-SX,PBGA,580P,P	1	SA	
...4		1205-003201	IC-BUS SWITCH;TC7WB125FK,SSOP,8P,2x2.3mm	2	SA	
...4		1205-003733	IC-SWITCH;AP2191MPG-13,MSOP-8L-EP,8P,2.9	1	SA	
...4		1205-003735	IC-SWITCH;AP2151WG-7,SOT25,5P,2.9x1.6mm,	1	SA	
...4		1405-001185	VARISTOR;24Vdc,1.6x0.8x0.36mm,TP	1	SA	
...4		1405-001233	VARISTOR;30Vdc,5A,1.6x0.8x0.8mm,TP	4	SA	
...4		1405-001271	VARISTOR;20Vdc,5A,1.0x0.5x0.6mm,TP	22	SA	
...4	ZR24	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	SNA	
...4	R105	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	31	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	AR49	2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005	4	SNA	
....4	MR306	2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005	12	SNA	
....4	R319	2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	53	SNA	
....4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA	
....4	R104	2007-000148	R-CHIP;10Kohm,5%,1/16W,TP,1005	38	SNA	
....4	R102	2007-000149	R-CHIP;12Kohm,5%,1/16W,TP,1005	8	SA	
....4	MR36	2007-000153	R-CHIP;22Kohm,5%,1/16W,TP,1005	5	SNA	
....4	AR43	2007-000155	R-CHIP;27Kohm,5%,1/16W,TP,1005	2	SNA	
....4	RZ07	2007-000156	R-CHIP;30Kohm,5%,1/16W,TP,1005	2	SA	
....4	MR13	2007-000157	R-CHIP;47Kohm,5%,1/16W,TP,1005	6	SNA	
....4	R123	2007-000159	R-CHIP;56Kohm,5%,1/16W,TP,1005	1	SNA	
....4	DR39	2007-000162	R-CHIP;100Kohm,5%,1/16W,TP,1005	2	SNA	
....4	MR16	2007-000168	R-CHIP;470Kohm,5%,1/16W,TP,1005	2	SNA	
....4	R111	2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	15	SNA	
....4	HDR17	2007-000172	R-CHIP;10ohm,5%,1/16W,TP,1005	12	SNA	
....4	R338	2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	20	SNA	
....4	MR9	2007-000455	R-CHIP;18Kohm,1%,1/10W,TP,1608	2	SA	
....4	ER13	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	SNA	
....4		2007-000755	R-CHIP;330Kohm,1%,1/10W,TP,1608	1	SA	
....4	R124	2007-000775	R-CHIP;33Kohm,5%,1/16W,TP,1005	3	SNA	
....4	DR37	2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	4	SNA	
....4	AAR20	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	SNA	
....4		2007-001285	R-CHIP;5.6ohm,5%,1/16W,TP,1005	4	SA	
....4	OTR1	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	10	SNA	
....4	R326	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	12	SNA	
....4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	4	SA	
....4	TR30	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	6	SA	
....4	R365	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	2	SNA	
....4		2007-007134	R-CHIP;39Kohm,1%,1/16W,TP,1005	1	SA	
....4	DR4	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	3	SNA	
....4		2007-007156	R-CHIP;1ohm,5%,1/16W,TP,1005	7	SNA	
....4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005	3	SA	
....4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	9	SNA	
....4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005	1	SA	
....4	MR11	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	12	SNA	
....4		2007-008134	R-CHIP;12.4Kohm,1%,1/16W,TP,1005	1	SC	
....4		2007-008298	R-CHIP;49.9ohm,1%,1/16W,TP,1005	4	SA	
....4	DRP29	2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SA	
....4		2011-001427	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,2.0	1	SA	
....4		2011-001449	R-NETWORK;22ohm,5%,1/16W,L,4P,TP,1010	5	SA	
....4		2011-001527	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,4P,TP,	3	SNA	
....4		2011-001589	R-NETWORK;0ohm,5%,1/16W,L,CHIP-V,4P,TP,1	16	SNA	
....4	PC43	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005	5	SA	
....4	RC34	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	2	SA	
....4	MC302	2203-000425	C-CER,CHIP;.018nF,5%,50V,C0G,TP,1005	4	SA	
....4	C254	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005	9	SA	
....4	C507	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005	3	SA	
....4	V1233	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,TP,2012	6	SNA	
....4	ZC14	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	2	SNA	
....4	DC25	2203-000812	C-CER,CHIP;.033nF,5%,50V,C0G,1005	10	SA	
....4	CK40B	2203-000838	C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608	1	SNA	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	KFC6	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	2	SNA	
....4	AD480	2203-001428	C-CER,CHIP;470nF,10%,50V,X7R,TP,2012	3	SNA	
....4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	15	SNA	
....4	AD480	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	10	SNA	
....4	AAC1	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	14	SNA	
....4	AD480	2203-005511	C-CER,CHIP;27nF,10%,10V,X7R,TP,1005	1	SA	
....4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005	2	SNA	
....4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,1005	2	SNA	
....4	PC11	2203-006141	C-CER,CHIP;1000nF,10%,16V,X5R,1608	5	SNA	
....4	C102	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,1005	122	SNA	
....4	JC10	2203-006324	C-CER,CHIP;2200nF,10%,10V,X5R,1608	2	SA	
....4	AD480	2203-006336	C-CER,CHIP;10000nF,10%,25V,X5R,3216	7	SA	
....4	C125	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,TP,2012	58	SC	
....4	C234	2203-006378	C-CER,CHIP;4700nF,10%,6.3V,X5R,TP,1608	1	SNA	
....4	HE4	2203-006474	C-CER,CHIP;22000nF,20%,6.3V,X5R,2012	1	SA	
....4	HDC11	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	21	SNA	
....4	AD480	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,TP,1005	2	SNA	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	4	SA	
....4	T0052	2703-000296	INDUCTOR-SMD;680nH,10%,1608	1	SA	
....4	VL6	2703-000398	INDUCTOR-SMD;10uH,10%,3225	6	SA	
....4	T0052	2703-001239	INDUCTOR-SMD;3.3uH,10%,1608	3	SA	
....4	T0052	2703-003149	INDUCTOR-SMD;2.2uH,20%,5050	2	SA	
....4	X202	2801-003326	CRYSTAL-SMD;24MHz,30ppm,28-ABX,20pF,50oh	1	SA	
....4	X202	2801-004004	CRYSTAL-SMD;20.25MHz,20ppm,28-AAN,13pF,2	1	SA	
....4	X202	2801-004775	CRYSTAL-SMD;12MHz,30ppm,16pF,30ohm,TP	1	SNA	
....4	F103	2901-001506	FILTER-EMI SMD;5V,0.13A,0pF,2x1x0.5mm,TP	2	SA	
....4	T0568	3301-001082	BEAD-SMD;60ohm,3225,TP,43ohm/40MHz,83ohm	1	SNA	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608	7	SNA	
....4	T0568	3301-002039	BEAD-SMD;26ohm,1608,TP	42	SA	
....4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,Hi	1	SNA	
....4		3701-001591	CONNECTOR-HDMI;19P,2ROW,FEMALE,SMD-S,AU	3	SNA	
....4	AC510	3708-002797	CONNECTOR-FPC/FFC/PIC;51P,0.50mm,SMD,AU,	1	SA	
....4	CON_US	3711-005616	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,SMD	1	SNA	
....4	HB01A	3711-007336	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,SM	1	SA	
....4	T0077	BN41-01377A	PCB MAIN;Trident SX1,FR-4,4,1.0,1.2,192x	1	SNA	
....4	T0527	BN68-01075A	LABEL;9mm,15mm,WHITE	2	SNA	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	2	SA	
....4		0403-001164	DIODE-ZENER;MMSZ5232B,5.32-5.88V,500MW,S	1	SA	
....4		2704-000029	INDUCTOR-SMD-ARRAY;5.6uH,2300mA,2,0.08oh	2	SNA	
....4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005	1	SNA	
....4		2007-008593	R-CHIP;750ohm,1%,1/16W,TP,1005	1	SA	
....4		2011-001585	R-NETWORK;47ohm,5%,1/16W,L,CHIP-V,4P,TP,	2	SNA	
....4		1203-006288	IC-VOL. DETECTOR;RT9818B-18GV,SOT-23-3,3	1	SA	
....4		3701-001693	CONNECTOR-HDMI;19P,2ROW,FEMALE,SMD-A	1	SA	
....4		BN97-04140A	ASSY MICOM-SUB;T-TDT5DEUS-1002,2010.03.1	1	SNA	
....5	IC115	1107-001580	IC-FLASH MEMORY;MX25L4005,4Mbit,512Kx8,S	1	SNA	
....4		0202-001767	SOLDER-CREAM;LST-5710,D20~38,Sn-57Bi-1Ag	2.235	SNA	
....4	R945	2007-000726	R-CHIP;300ohm,1%,1/10W,TP,1608	1	SA	
....4	PR12	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA	
....4		2007-001237	R-CHIP;910ohm,1%,1/10W,TP,1608	1	SA	
....4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,1005	1	SA	

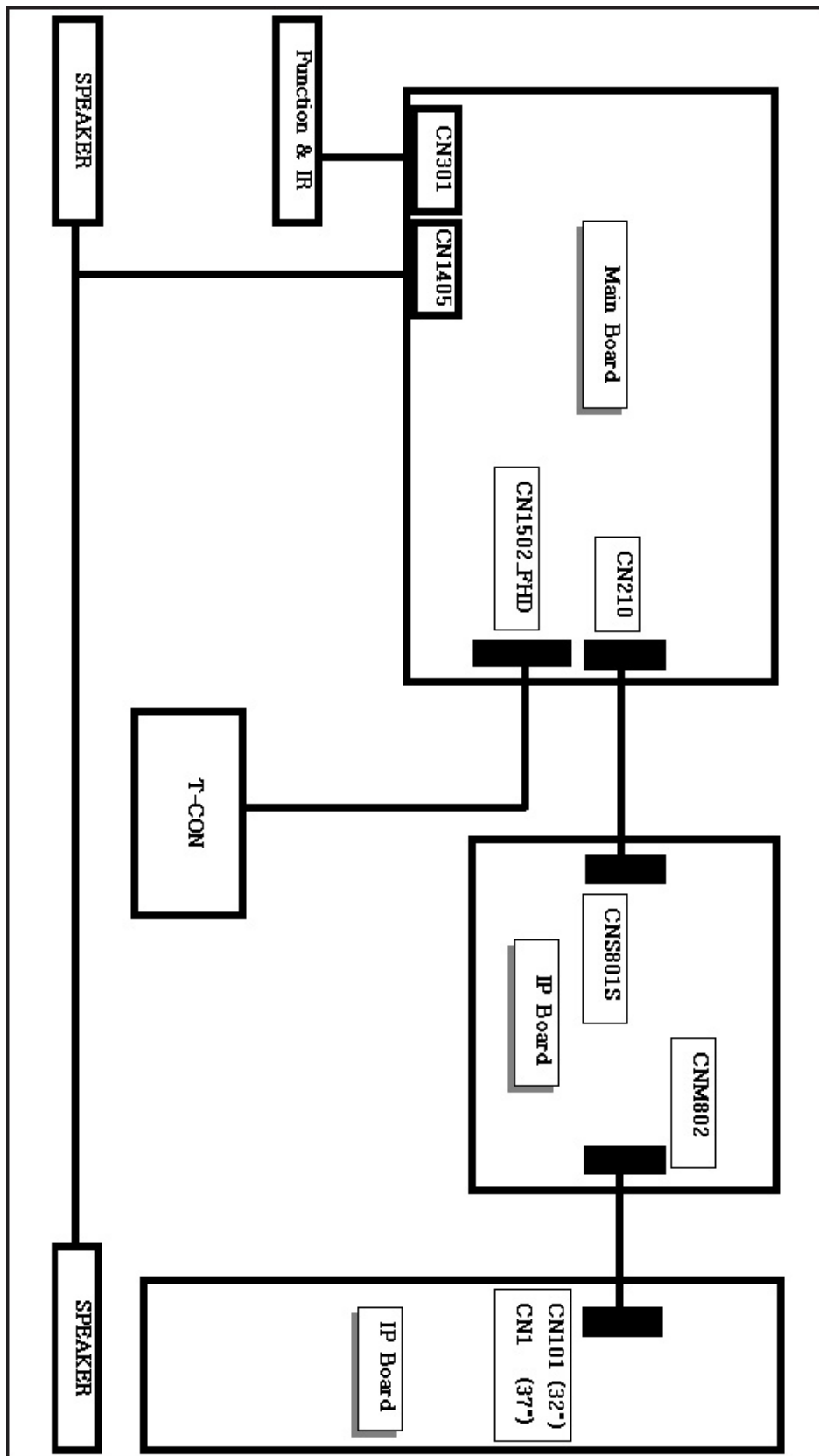
5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0052	2703-002268	INDUCTOR-SMD;8.2nH,5%,1005	4	SNA	
....4	AD480	2203-006824	C-CER,CHIP;4700nF,10%,10V,X5R,1608	1	SNA	
....4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,1005	1	SNA	
....4	L1103	2703-000403	INDUCTOR-SMD;22uH,10%,3225	1	SA	
....4	PR6	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	2	SNA	
....4	JC31	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	4	SNA	
....4	DC9	2203-005481	C-CER,CHIP;47nF,10%,10V,X7R,TP,1005	1	SA	
....4		1203-005538	IC-DC/DC CONVERTER;AOZ1021HAIL,SOP,8P,4.	1	SA	
....4		2007-007135	R-CHIP;18Kohm,1%,1/16W,TP,1005	1	SNA	
....4	C711	2203-002982	C-CER,CHIP;6.8nF,10%,50V,X7R,1005	1	SA	
....4		BN97-04127A	ASSY MICOM-SUB2;T-TDT5DAAC-0340.0,L450,A	1	SNA	
....5		1107-001818	IC-NAND FLASH;KFG1G16U2C-DIB6,1024Mbit,6	1	SNA	
....4	C	2402-001314	C-AL,SMD;100uF,20%,16V,WT,TP,6x5.8mm	1	SA	
....4		BN68-03016A	LABEL;LS19MYMKBQ/XSJ,JAPAN,FLOURESCENT,1	1	SNA	
...3		0202-001557	SOLDER-CREAM;LST57-A,D38-63,42SN/57BI/1A	11	SNA	
...3		BN68-03016A	LABEL;LS19MYMKBQ/XSJ,JAPAN,FLOURESCENT,1	1	SNA	

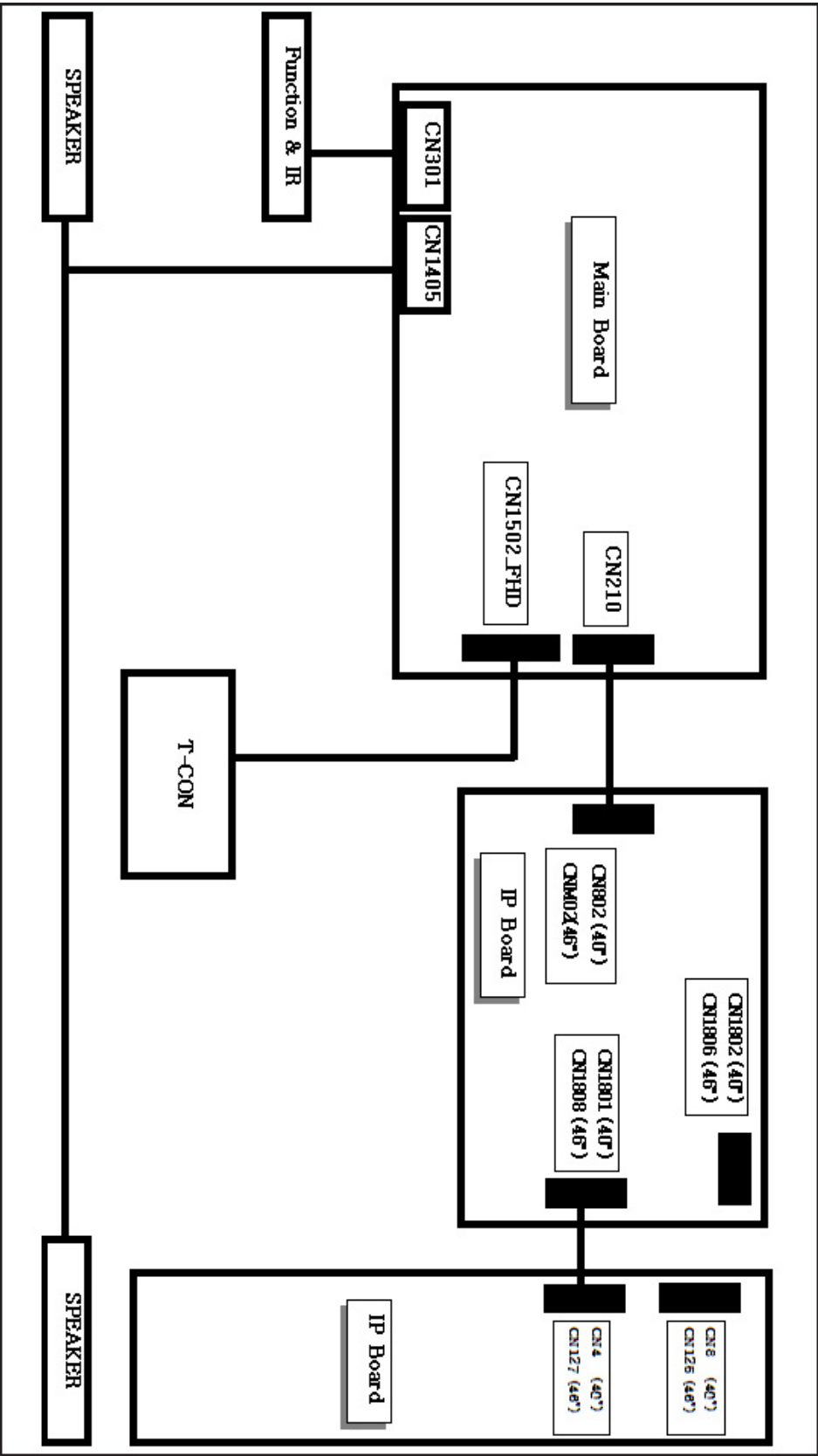
6. Wiring Diagram

6-1. Wiring Diagram

■ LA32/37C550



■ LA40/46C550



6-2. Connector

CN1502_FHD (LVDS)			
1	NC	27	EVEN[0]-
2	NC	28	GND
3	NC	29	ODD[4]+
4	NC	30	ODD[4]-
5	NC	31	ODD[3]+
6	LVDS opt	32	ODD[3]-
7	SDA_Panel	33	GND
8	W/P(T_Con)	34	ODDCLK+
9	NC	35	ODDCLK-
10	SDA_Panel	36	GND
11	SCL_Panel	37	ODD[2]+
12	GND	38	ODD[2]-
13	NC	39	ODD[1]+
14	EVEN[4]+	40	ODD[1]-
15	EVEN[4]-	41	ODD[0]+
16	EVEN[3]-	42	ODD[0]-
17	GND	43	GND
18	EVENCLK+	44	GND
19	EVENCLK-	45	GND
20	GND	46	NC
21	EVEN[2]+	47	PANEL 13V
22	EVEN[2]-	48	PANEL 13V
23	EVEN[1]+	49	PANEL 13V
24	EVEN[1]-	50	PANEL 13V
25	EVEN[0]+	51	PANEL 13V
26	NC		

CN1202 (HDMI1) / CN1203_H2 (HDMI2) CN1204_SH (HDMI3)			
1	HDMI1_RX2+ 12	7	HDMI1_RX0+ 18
2	GND	8	GND
3	HDMI1_RX2-	9	HDMI1_RX0-
4	HDMI1_RX1+ 15	10	HDMI1_RXCLK+
5	GND	11	GND
6	HDMI1_RX1-		

CN1101 (PC SOUND)			
1	GND	5	PC_SL_IN
2	PC_SR_IN	6	PC_SR_IN
3	PC_SL_IN	7	PC_SR_IN
4	PC_SL_IN		

CN1405 (SPK)			
1	R+	3	L+
2	R-	4	L-

CN903_SU (USB)			
1	USB VCC	3	USBP 2.0
2	USBN 2.0	4	GND

CN705_SAV (SIDE_AV)			
1	GND	6	VIDEO_SL_IN
2	VIDEO_IDENT	7	GND
3	VIDEO_CVBS	8	VIDEO_SL_IN
4	GND	9	VIDEO_SR_IN
5	VIDEO_SR_IN		

CN210 (POWER 18P)			
1	B13VS1	16	SW_INVERTER
2	POWER ON_OFF	17	B13V3
3	B13VS2	18	LAMP_DETECT
4	A5V1	19	GND
5	B5V1	20	B13V
6	B5V2	21	B13V
7	B5V3	22	B13V
8	GND1	23	I-PWM (ANA)
9	GND2	24	SW_INVETER
10	GND3	25	GND
11	GND4	26	E-PWM (PWM)
12	H_SYNC	27	NC
13	B13V1	28	DET_5V
14	PWM_DIMMING	29	NC
15	B13V2	30	NC

CN301(to Function IR)			
1	IR	6	KEY_1
2	GND	7	KEY_2
3	A5V	8	LED_STB
4	MSCL	9	NC
5	MSDA	10	A3.3V

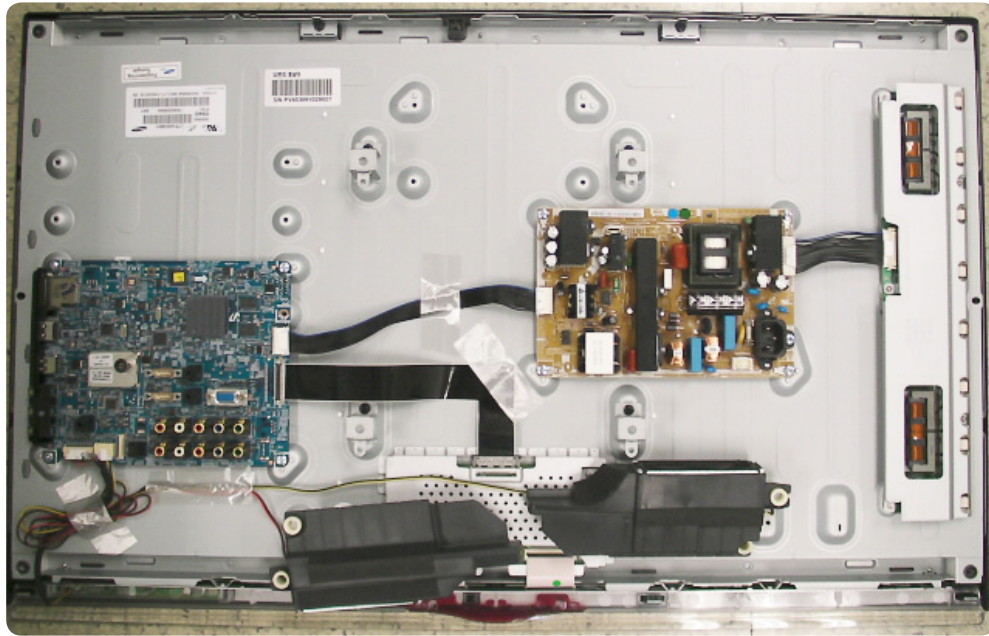
CN1102 (PC)			
1	PC_RED	9	PC_5V
2	PC_GREEN	10	PC_IDENT
3	PC_BLUE	11	GND
4	GND	12	EMU_SDA
5	GND	13	PC_H_SYNC
6	GND	14	PC_V_SYNC
7	GND	15	EMU_SCL
8	GND		

CN1310 (MONITOR SOUND OUT)			
1	GND	5	NC
2	MON_R_OUT	6	NC
3	MON_L_OUT	7	NC
4	NC		

CN702 (COMP_AV SOUND)			
1	GND	4	GND
2	COMP1_AV1_SR_IN	5	COMP1_AV1_SL_IN
3	COMP1_AV1_SL_IN	6	COMP1_AV1_SR_IN

CN701 (COMP1_AV1)			
1	GND	6	COMP1_PB
2	IDENT_AV1	7	GND
3	COMP1_Y & AV1_CVBS	8	COMP1_PR
4	GND	9	COMP1_PR
5	IDENT_COMP1		

6-3. Wiring Picture

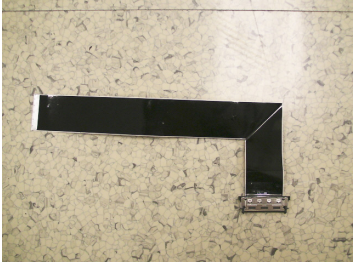

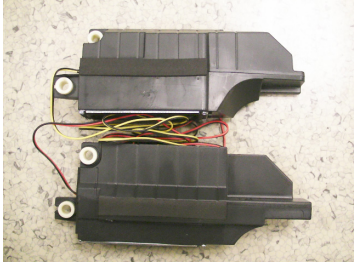

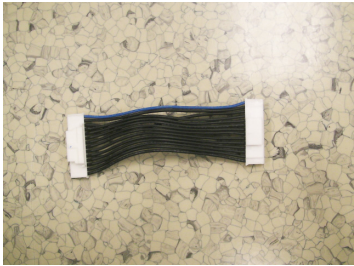
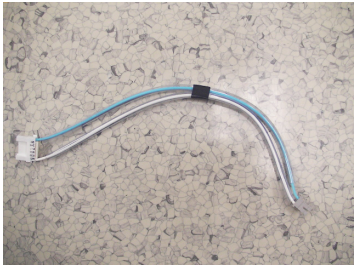



6-4. Connector Functions

Connector	Functions
CN201 ↔ SMPS	Supply dimming power from SMPS to Main Board. * defective symptom : abnormal Picture
CN1405 ↔ SPEAKER	Connection Main Board and Speaker. * defective symptom : No picture
CN301 ↔ Function & IR	Connection Main Board and Function & IR Assy. * defective symptom : No picture, disable Power On/Off
CN1502_FHD ↔ T-CON	The LVDS signal transferred from Main Board to Panel. * defective symptom : No picture but normal sound

6-5. Cables

■ LA32/37/40/46C550

Use	(1) LVDS CONNECTOR	(2) CONNECTOR POWER 18P	(3) ASSY-SPEAKER
Code	BN96-13171E (32") BN96-13171B (37") BN96-13171C (40") BN96-13171D (46")	BN39-01267A (32") BN39-01267C (37") BN39-01267E (40") BN39-01267F (46")	BN96-12871A (32") BN96-12871B (37") BN96-12837A (40") BN96-12837B (46")
Photo			
Use	(4) IR to FUNCTION	(5) CONNECTOR INVERTOR (32",37")	(5) CONNECTOR INVERTOR (40",46")
Code	BN96-13022B (32",37",40") BN96-13022C (46")	BN39-01274A(32" 14P) BN39-01272A(37" 14P) BN39-00830B(40",46" 7P)	BN39-00830B(40",46" 7P)
Photo			
Use	(5) CONNECTOR_High Voltage (40",46")		
Code	BN39-01024D(40",46" 2P)		
Photo			

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 resistor/capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):

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

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

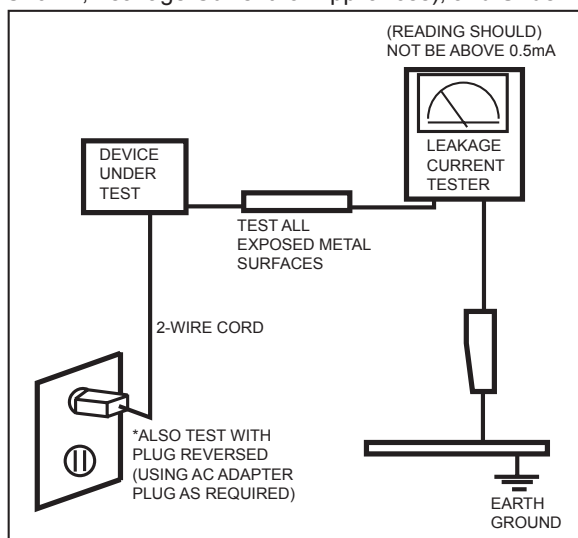



Figure 1-1. Leakage Current Test Circuit

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

1-1-4. Product Safety Notices

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

1-2. Servicing Precautions

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

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

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

1-2-1 General Servicing Precautions

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

1-3. Electrostatically Sensitive Devices (ESD) Precautions

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

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the 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 a 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 (0.1m) between the product and the wall for ventilation purposes. A rise in temperature within the product may cause fire.