



LCD-TV

Chassis : N45B

Model : LN32A450C1D
LN37A450C1D

SERVICE Manual

TFT-LCD TV



LN32A450C1D / LN37A450C1D

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3. Disassembly and Reassembly
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1. Precautions

1-1. Safety Precautions

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

1-1-1. Warnings

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

1-1-2. Servicing the LCD TV

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

1-1-3. Fire and Shock Hazard

Before returning the LCD TV to the user, perform the following safety checks:

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

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

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

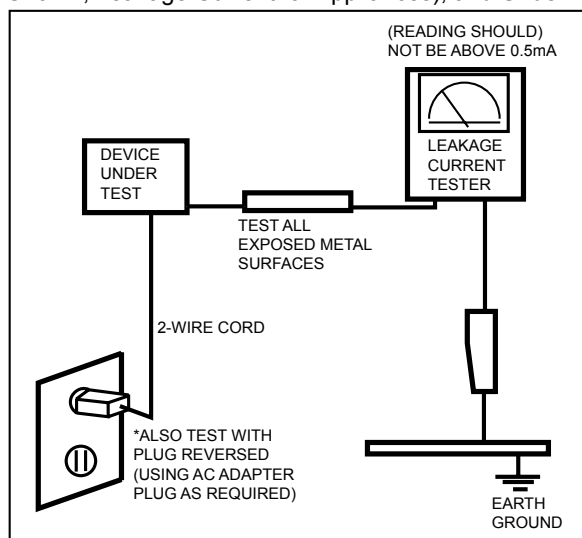


Figure 1-1. Leakage Current Test Circuit

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

1-1-4. Product Safety Notices

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

1-2. Servicing Precautions

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

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

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

1-2-1 General Servicing Precautions

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

1-3. Electrostatically Sensitive Devices (ESD) Precautions

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

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

1-4. Installation Precautions

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

Memo

Model	LN32A450C1D	
Feature		
▶ Digital-TV, RF, 3-HDMI, 2-Component, 1-A/V, 1-S-Video, D-DUB ▶ Brightness : 500cd/m² ▶ Contrast Ratio : 800:1 ▶ Response time : 8ms		
Specifications		
Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, Transmassive mode, Normally white, 32-inch viewable, 0.51075(H)x 0.51075(V)x 3mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 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	27.47 x 15.44 inches (697.6845(H) x 392.256(V)mm)	
AC power voltage & Frequency	AC 110V ~ 220V, 60 Hz	
Power Consumption	<245 W (< 1W, stand by)	
Dimensions Set (W x D x H)	31.48 x 9.92 x 22.7 inches (799.6 x 252 x 576.5 mm)_with stand 31.48 x 3.11 x 20.56 inches (799.6 x 79 x 522.3 mm)_without stand	
Weight (Set)	28.88 lbs (13.1kg)	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	ATSC, NTSC5.38
	Sound	NTSC-M, AC-3 Digital
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	
Environmental Considerations	- 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: Anynet+		

2. Product specifications

Model	LN37A450C1D	
Feature		
▶ Digital-TV, RF, 3-HDMI, 2-Component, 1-A/V, 1-S-Video, D-DUB ▶ Brightness : 500cd/m² ▶ Contrast Ratio : 800:1 ▶ Response time : 8ms		
Specifications		
Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, Transmassive mode, Normally white, 40-inch viewable, 0.648(H)x 0.648(V)x 3mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 million colors	
Maximum resolution	Horizontal : 1366 Pixels Vertical : 768 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	32.27 x 18.14 inches(819.6(H) x 460.8(V)mm)	
AC power voltage & Frequency	AC 110V ~ 220V, 60 Hz	
Power Consumption	<265 W (< 1W, stand by)	
Dimensions Set (W x D x H)	36.08 x 11.81 x 25.91 inches (916.4 x 300 x 658.1 mm)_with stand 36.08 x 3.22 x 23.53 inches (916.4 x 81.7 x 597.7 mm)_without stand	
Weight (Set)	40.34 lbs (18.3kg)	
TV System	Tuning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	ATSC, NTSC5.38
	Sound	NTSC-M, AC-3 Digital
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	
Environmental Considerations	- 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: Anynet+, WISELINK		

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

OSD	CH NO	AIR		BAND	CH NO			BAND	CH NO			CH NO		
		Air-DTV	Air-NTSC			Cable STD	Cable HRC			Cable IRC				
1	1								A-8	72.00	A-8	73.25		
2	2	57	55.25	V-L	2	55.25	V-L	2	54.00	2	55.25			
3	3	63	61.25	V-L	3	61.25	V-L	3	60.00	3	61.25			
4	4	69	67.25	V-L	4	67.25	V-L	4	66.00	4	67.25			
5	5	79	77.25	V-L	5	77.25	V-L	A-7	78.00	A-7	79.25			
6	6	85	83.25	V-L	6	83.25	V-L	A-6	84.00	A-6	85.25			
7	7	177	175.25	V-H	7	175.25	V-H	7	174.00	7	175.25			
8	8	183	181.25	V-H	8	181.25	V-H	8	180.00	8	181.25			
9	9	189	187.25	V-H	9	187.25	V-H	9	186.00	9	187.25			
10	10	195	193.25	V-H	10	193.25	V-H	10	192.00	10	193.25			
11	11	201	199.25	V-H	11	199.25	V-H	11	198.00	11	199.25			
12	12	207	205.25	V-H	12	205.25	V-H	12	204.00	12	205.25			
13	13	213	211.25	V-H	13	211.25	V-H	13	210.00	13	211.25			
14	14	473	471.25	UHF	A	121.25	MID	A	120.00	A	121.25			
15	15	479	477.25	UHF	B	127.25	MID	B	126.00	B	127.25			
16	16	485	483.25	UHF	C	133.25	MID	C	132.00	C	133.25			
17	17	491	489.25	UHF	D	139.25	MID	D	138.00	D	139.25			
18	18	497	495.25	UHF	E	145.25	MID	E	144.00	E	145.25			
19	19	503	501.25	UHF	F	151.25	MID	F	150.00	F	151.25			
20	20	509	507.25	UHF	G	157.25	MID	G	156.00	G	157.25			
21	21	515	513.25	UHF	H	163.25	MID	H	162.00	H	163.25			
22	22	521	519.25	UHF	I	169.25	MID	I	168.00	I	169.25			
23	23	527	525.25	UHF	J	217.25	SUPER	J	216.00	J	217.25			
24	24	533	531.25	UHF	K	223.25	SUPER	K	222.00	K	223.25			
25	25	539	537.25	UHF	L	229.25	SUPER	L	228.00	L	229.25			
26	26	545	543.25	UHF	M	235.25	SUPER	M	234.00	M	235.25			
27	27	551	549.25	UHF	N	241.25	SUPER	N	240.00	N	241.25			
28	28	557	555.25	UHF	O	247.25	SUPER	O	246.00	O	247.25			
29	29	563	561.25	UHF	P	253.25	SUPER	P	252.00	P	253.25			
30	30	569	567.25	UHF	Q	259.25	SUPER	Q	258.00	Q	259.25			
31	31	575	573.25	UHF	R	265.25	SUPER	R	264.00	R	265.25			
32	32	581	579.25	UHF	S	271.25	SUPER	S	270.00	S	271.25			
33	33	587	585.25	UHF	T	277.25	SUPER	T	276.00	T	277.25			
34	34	593	591.25	UHF	U	283.25	SUPER	U	282.00	U	283.25			
35	35	599	597.25	UHF	V	289.25	SUPER	V	288.00	V	289.25			
36	36	605	603.25	UHF	W	295.25	SUPER	W	294.00	W	295.25			
37	37	611	609.25	UHF	AA	301.25	HYPER	AA	300.00	AA	301.25			
38	38	617	615.25	UHF	BB	307.25	HYPER	BB	306.00	BB	307.25			
39	39	623	621.25	UHF	CC	313.25	HYPER	CC	312.00	CC	313.25			
40	40	629	627.25	UHF	DD	319.25	HYPER	DD	318.00	DD	319.25			
41	41	635	633.25	UHF	EE	325.25	HYPER	EE	324.00	EE	325.25			
42	42	641	639.25	UHF	FF	331.25	HYPER	FF	330.00	FF	331.25			
43	43	647	645.25	UHF	GG	337.25	HYPER	GG	336.00	GG	337.25			
44	44	653	651.25	UHF	HH	343.25	HYPER	HH	342.00	HH	343.25			
45	45	659	657.25	UHF	II	349.25	HYPER	II	348.00	II	349.25			
46	46	665	663.25	UHF	JJ	355.25	HYPER	JJ	354.00	JJ	355.25			
47	47	671	669.25	UHF	KK	361.25	HYPER	KK	360.00	KK	361.25			
48	48	677	675.25	UHF	LL	367.25	HYPER	LL	366.00	LL	367.25			
49	49	683	681.25	UHF	MM	373.25	HYPER	MM	372.00	MM	373.25			
50	50	689	687.25	UHF	NN	379.25	HYPER	NN	378.00	NN	379.25			
51	51	695	693.25	UHF	OO	385.25	HYPER	OO	384.00	OO	385.25			
52	52	701	699.25	UHF	PP	391.25	HYPER	PP	390.00	PP	391.25			
53	53	707	705.25	UHF	QQ	397.25	HYPER	QQ	396.00	QQ	397.25			
54	54	713	711.25	UHF	RR	403.25	HYPER	RR	402.00	RR	403.25			
55	55	719	717.25	UHF	SS	409.25	HYPER	SS	408.00	SS	409.25			
56	56	725	723.25	UHF	TT	415.25	HYPER	TT	414.00	TT	415.25			
57	57	731	729.25	UHF	UU	421.25	HYPER	UU	420.00	UU	421.25			
58	58	737	735.25	UHF	VV	427.25	HYPER	VV	426.00	VV	427.25			
59	59	743	741.25	UHF	WW	433.25	HYPER	WW	432.00	WW	433.25			
60	60	749	747.25	UHF	XX	439.25	HYPER	XX	438.00	XX	439.25			
61	61	755	753.25	UHF	YY	445.25	HYPER	YY	444.00	YY	445.25			
62	62	761	759.25	UHF	ZZ	451.25	HYPER	ZZ	450.00	ZZ	451.25			
63	63	767	765.25	UHF	AAA	457.25	HYPER	AAA	456.00	AAA	457.25			
64	64	773	771.25	UHF	BBB	463.25	HYPER	BBB	462.00	BBB	463.25			
65	65	779	777.25	UHF	CCC	469.25	ULTRA	CCC	468.00	CCC	469.25			
66	66	785	783.25	UHF	DDD	475.25	ULTRA	DDD	474.00	DDD	475.25			
67	67	791	789.25	UHF	EEE	481.25	ULTRA	EEE	480.00	EEE	481.25			
68	68	797	795.25	UHF	FFF	487.25	ULTRA	FFF	486.00	FFF	487.25			
69	69	803	801.25	UHF	GGG	493.25	ULTRA	GGG	492.00	GGG	493.25			

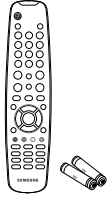
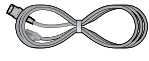
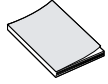
2. Product specifications

OSD	CH NO	AIR		BAND	CH NO	Cable STD	BAND	CH NO	Cable HRC	CH NO	Cable IRC
		Air-DTV	Air-NTSC								
70	70				HHH	499.25	ULTRA	HHH	498.00	HHH	499.25
71	71				III	505.25	ULTRA	III	504.00	III	505.25
72	72				JJJ	511.25	ULTRA	JJJ	510.00	JJJ	511.25
73	73				KKK	517.25	ULTRA	KKK	516.00	KKK	517.25
74	74				LLL	523.25	ULTRA	LLL	522.00	LLL	523.25
75	75				MMM	529.25	ULTRA	MMM	528.00	MMM	529.25
76	76				NNN	535.25	ULTRA	NNN	534.00	NNN	535.25
77	77				000	541.25	ULTRA	000	540.00	000	541.25
78	78				PPP	547.25	ULTRA	PPP	546.00	PPP	547.25
79	79				79	553.25	ULTRA	79	552.00	79	553.25
80	80				80	559.25	ULTRA	80	558.00	80	559.25
81	81				81	565.25	ULTRA	81	564.00	81	565.25
82	82				82	571.25	ULTRA	82	570.00	82	571.25
83	83				83	577.25	ULTRA	83	576.00	83	577.25
84	84				84	583.25	ULTRA	84	582.00	84	583.25
85	85				85	589.25	ULTRA	85	588.00	85	589.25
86	86				86	595.25	ULTRA	86	594.00	86	595.25
87	87				87	601.25	ULTRA	87	600.00	87	601.25
88	88				88	607.25	ULTRA	88	606.00	88	607.25
89	89				89	613.25	ULTRA	89	612.00	89	613.25
90	90				90	619.25	ULTRA	90	618.00	90	619.25
91	91				91	625.25	ULTRA	91	624.00	91	625.25
92	92				92	631.25	ULTRA	92	630.00	92	631.25
93	93				93	637.25	ULTRA	93	636.00	93	637.25
94	94				94	643.25	ULTRA	94	642.00	94	643.25
95	95				A-5	91.25	FM	A-5	90.00	A-5	91.25
96	96				A-4	97.25	FM	A-4	96.00	A-4	97.25
97	97				A-3	103.25	FM	A-3	102.00	A-3	103.25
98	98				A-2	109.25	MID	A-2	108.00	A-2	109.25
99	99				A-1	115.25	MID	A-1	114.00	A-1	115.25
100	100				100	649.25	ULTRA	100	648.00	100	649.25
101	101				101	655.25	ULTRA	101	654.00	101	655.25
102	102				102	661.25	ULTRA	102	660.00	102	661.25
103	103				103	667.25	ULTRA	103	666.00	103	667.25
104	104				104	673.25	ULTRA	104	672.00	104	673.25
105	105				105	679.25	ULTRA	105	678.00	105	679.25
106	106				106	685.25	ULTRA	106	684.00	106	685.25
107	107				107	691.25	ULTRA	107	690.00	107	691.25
108	108				108	697.25	ULTRA	108	696.00	108	697.25
109	109				109	703.25	ULTRA	109	702.00	109	703.25
110	110				110	709.25	ULTRA	110	708.00	110	709.25
111	111				111	715.25	ULTRA	111	714.00	111	715.25
112	112				112	721.25	ULTRA	112	720.00	112	721.25
113	113				113	727.25	ULTRA	113	726.00	113	727.25
114	114				114	733.25	ULTRA	114	732.00	114	733.25
115	115				115	739.25	ULTRA	115	738.00	115	739.25
116	116				116	745.25	ULTRA	116	744.00	116	745.25
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125	125				125	799.25	ULTRA	125	798.00	125	799.25
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2-3. Spec Comparison to the Old Models

Model	LN**A450C1D(19"/22"/26"/32"/37"/40")	LNT**42H (23"/26"/32"/40"/46")
Design		
Display Type	LCD TV	LCD TV
Built-in Tuner	O	O
Resolution	19"=>1440x900 22"=>1680x1050 26"/32"/37"/40"=>1366x768	1366 x 768
LCD Panel	TFT LCD Panel 60Hz	TFT LCD Panel 60Hz
Screen Size	19"/22"/26"/32"/37"/40"	23" / 26" / 32" / 40" / 46"
Picture ratio	16 : 9	16 : 9
Dimensions (W x H x D)	19 18.78 x 7.09 x 15.24 inches_with stand 22 21.96 x 8.5 x 17.83 inches_with stand 26 26.37 x 8.5 x 19.7 inches_with stand 32 31.48 x 11.81 x 25.91 inches_with stand 37 36.08 x 11.81 x 25.91 inches_with stand 40 38.97 x 11.81 x 27.33 inches_with stand	23 26.29 x 9.13 x 17.53 inches_with stand 26 29.28 x 9.15 x 19.94 inches_with stand 32 34.42 x 11.47 x 22.72 inches_with stand 40 42.67 x 11.81 x 27.17 inches_with stand 46 48.04 x 12.83 x 30.55 inches_with stand
Weight	19 11.24 lbs(set) 22 16.09 lbs(set) 26 21.38 lbs(set) 32 28.88 lbs(set) 37 40.34 lbs(set) 40 41 lbs(set)	23 24.25 lbs (set) 26 31.97 lbs (set) 32 41.89 lbs (set) 40 60.63 lbs (set) 46 80.91 lbs (set)
Brightness	500nit(19"=>300nit)	500 nit
Contrast Ratio	8000:1(19"=>1000:1)	8000:1
Picture Enhacer	DNle(FBE3)	DNle (FBE2)
Equalizer	5 band	5 band
Auto Motion Plus 120Hz	Not available	Not available
Surround Sound	2 Way SRS TruSurround Dolby Digital	2 Way SRS TruSurround Dolby Digital
Speaker Output	5W x 2	5W x 2
Antenna	1 (Cable/Air)	2 (Cable/Air)

2-4. Accessories

Product	Description	Code. No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00687A	Samsung Electronics Service center
	Power Cord	3903-000144	
	Cover-Bottom	32":BN63-04269A 37":BN63-04243A	
	Owner's Instructions	BN63-01395A	
	Cleaning Cloth	BN63-01798A	

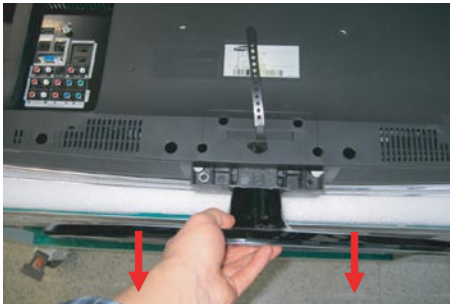
3. Disassembly and Reassemble

This section of the service manual describes the disassembly and reassembly procedures for the LN32A450C1D LCD TV.

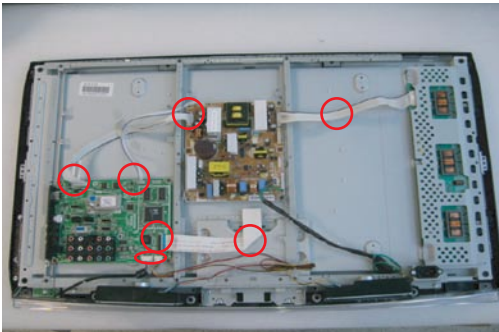
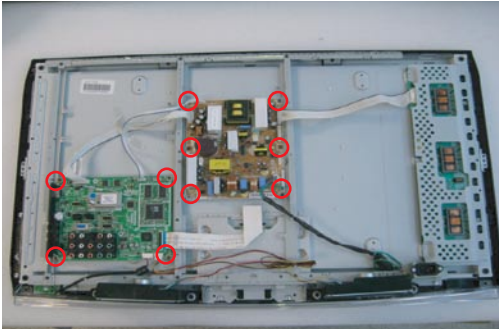
⚠ WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

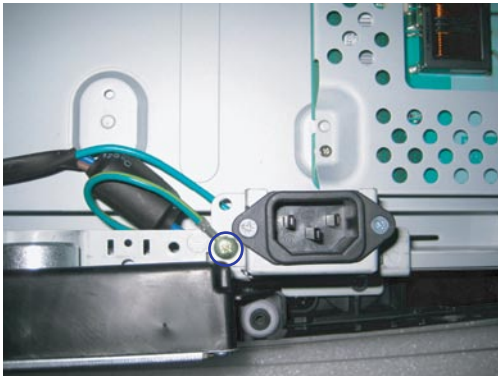
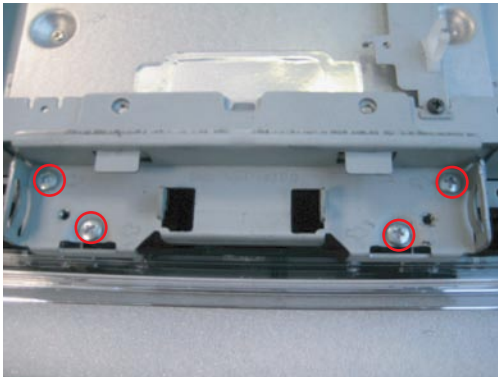
3-1. Disassembly

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

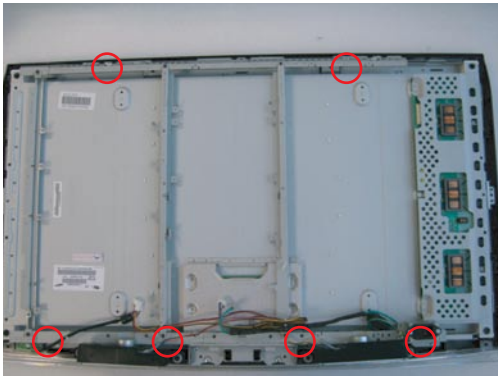
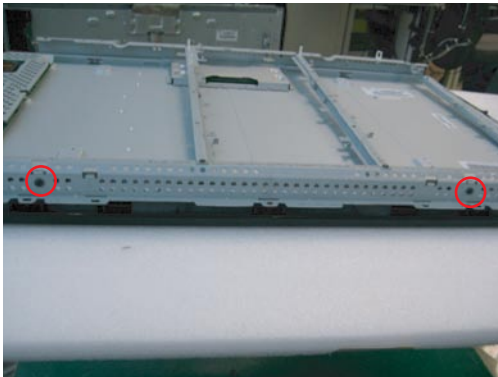
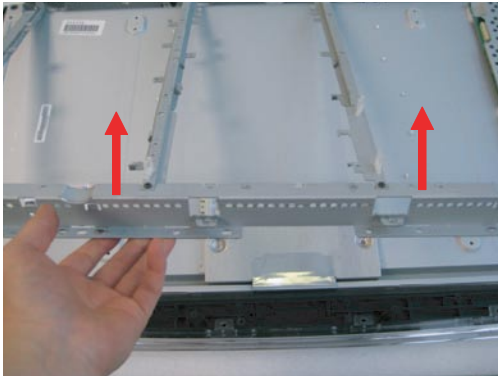
Description	Picture Description	Screws
1. Place monitor face down on cushioned table. Remove screws from the rear cover. Remove stand. Lift up the rear-cover.		
		
		

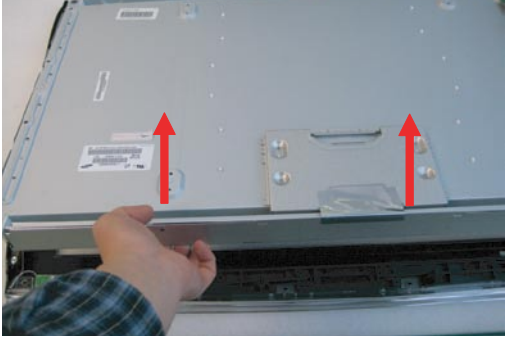
3. Disassembly and Reassemble

Description	Picture Description	Screws
2. Detach all cables. Remove all screws from the power and main board.		
		
		

Description	Picture Description	Screws
3. Remove AC inlet's screws. Remove the screws of stand-bracket.		 
		

3. Disassembly and Reassemble

Description	Picture Description	Screws
4. Remove all screws of bracket. Detach bracket from the panel.	 A top-down view of the panel's internal structure. A metal bracket is visible, secured by several screws. Red circles highlight the locations of these screws: two at the top, two at the bottom, and two on the right side.	
	 A close-up view of the bracket and screws. Red circles highlight the locations of the screws: two at the top and two at the bottom.	
	 A close-up view of the bracket being detached from the panel. Red arrows point to the screws being removed. A hand is visible holding the bracket.	

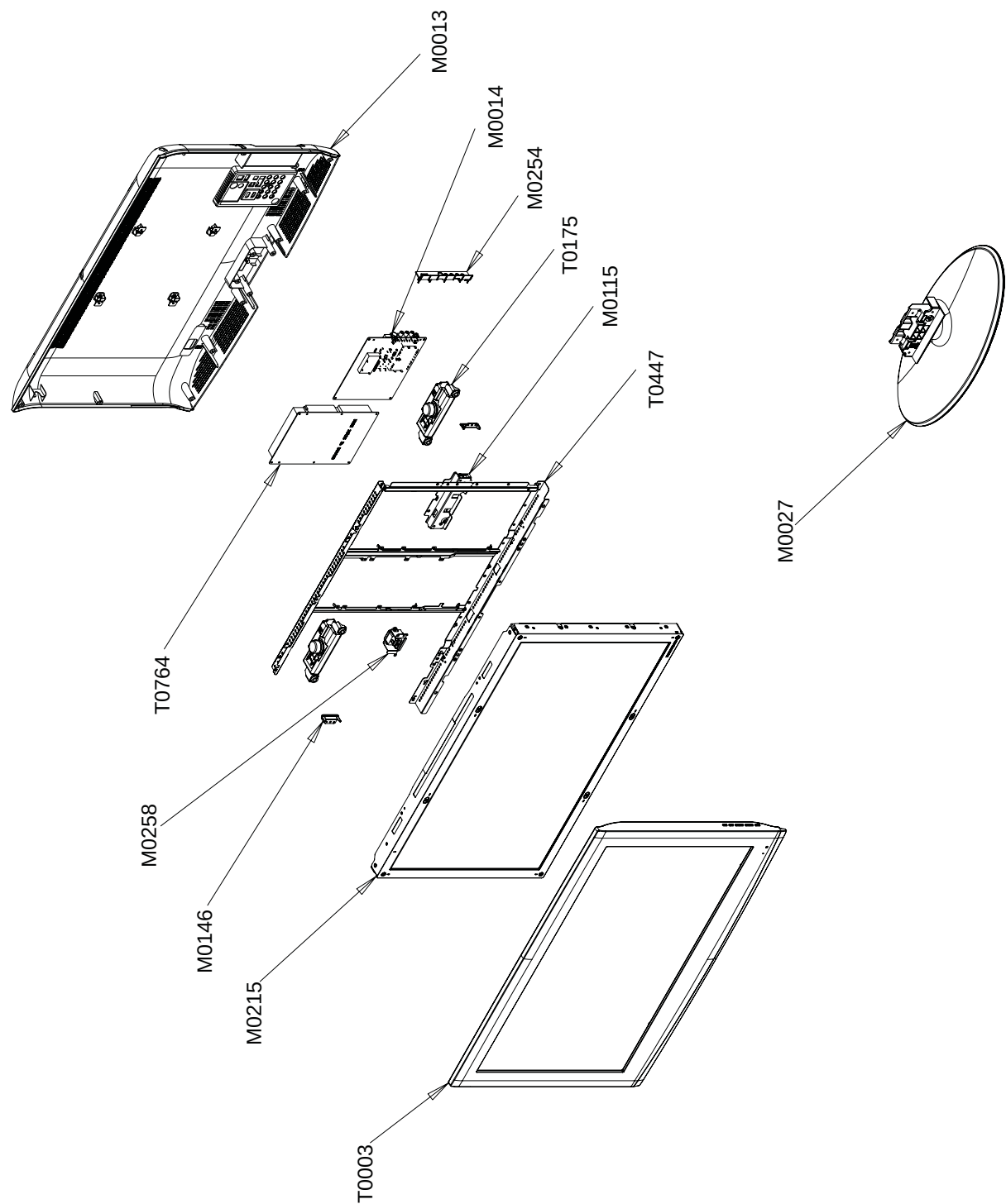
Description	Picture Description	Screws
5. Lift up the panel.		
		
		
		

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

Memo

5. Exploded View & Part List

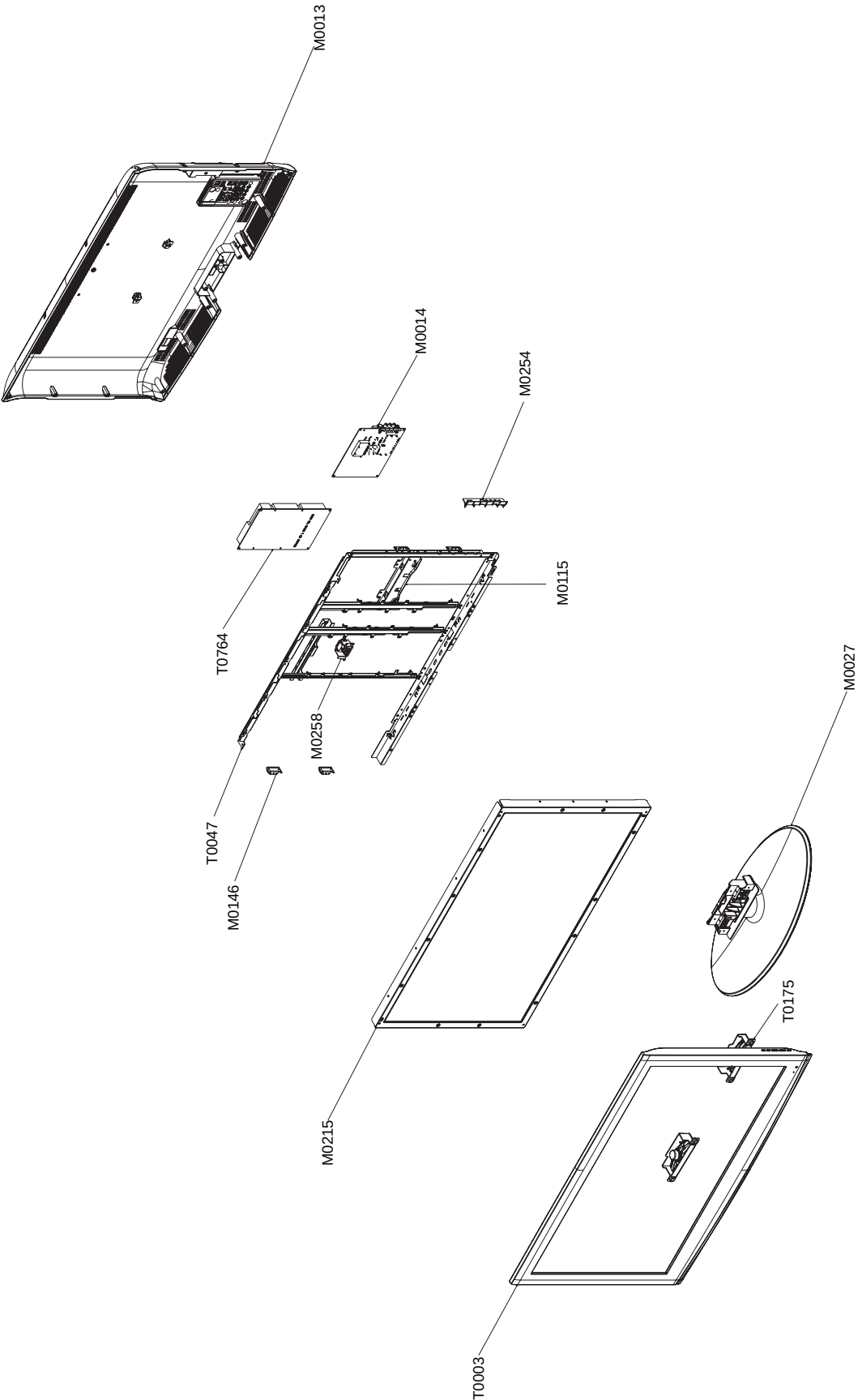
5-1. LN32A450C1D Exploded View



5-1-2. LN32A450C1D Parts List

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-06784A	ASSY COVER P-FRONT;32L450,UO,PC+ABS,V0,B	1	S.A	
M0215	BN07-00521A	LCD-PANEL;LTF320AB01	1	S.A	
M0146	BN61-03265A	BRACKET-PANEL SIDE;JASMINE,SECC 1.2,AMLC	2	S.N.A	
T0447	BN96-06958A	ASSY BRACKET P-PANEL	1	S.N.A	
M0115	BN61-02947A	BRACKET-STAND LINK;JASMINE 32",SECC,T1.6	1	S.A	
T0175	BN96-06818A	ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p	1	S.A	
M0254	BN61-03699B	HOLDER-SIDE AV;32L450,UO,HIPS,HB,BK500	1	S.N.A	
M0014	BN94-01638D	ASSY PCB MAIN-AMLCD;LN32A450C1DXZA,N45A	1	S.A	
M0013	BN96-06462A	ASSY COVER P-REAR;32L450,UO,HIPS,V0,BK50	1	S.A	
M0027	BN96-06464A	ASSY STAND P-BASE;32L450,,ABS+PMMA,HB,BK	1	S.A	
T0764	BN44-00214A	SMPS-LCDTV;MK32P5B,DYREL,AC/DC,137W,AC10	1	S.A	
M0258	BN39-00615Q	CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1	1	S.A	

5-2. LN37A450C1D Exploded View



5-2-1. LN37A450C1D Parts List

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-06785A	ASSY COVER P-FRONT;37L450,UO,PC+ABS,V0,B	1	S.A	
T0175	BN96-06818A	ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p	1	S.A	
M0215	BN07-00507A	LCD-PANEL;CLAA370WF02S,8bit,37inch,16.7M	1	S.A	
M0146	BN61-02419A	BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A	4	S.N.A	
T0447	BN96-06959C	ASSY BRACKET P-PANEL;37L450,UO,CPT,,SECC	1	S.N.A	
M0258	BN39-00615Q	CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1	1	S.A	
M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.A	
M0254	BN61-03699B	HOLDER-SIDE AV;32L450,UO,HIPS,HB,BK500	1	S.N.A	
T0764	BN44-00217A	SMPS-LCDTV;MK37P5B,SEM,AC/DC,171W,AC100	1	S.A	
M0014	BN94-01638E	ASSY PCB MAIN-CPT;LN37A450C1DXZA,N45A	1	S.A	
M0013	BN96-06789A	ASSY COVER P-REAR;37L450,UO,HIPS,V0,BK50	1	S.A	
M0027	BN96-07182A	ASSY STAND P-BASE;37,40L450,UO,ABS+PMMA,	1	S.A	

5-3. LN32A450C1D Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN32A450C1DXZC	LN32A450C1D,N45B/32AC1-GCR,32,LCD-TV,CAN			
0.1	M0001	BN90-01501A	ASSY COVER FRONT;32L450,UO,,,	1	S.N.A	
..2	T0175	BN96-06818A	ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p	1	S.A	
..2	T0003	BN96-06784P	ASSY COVER P-FRONT;32L450,UO,PC+ABS,V0,B	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	M0279	AA63-01637A	FELT;50P9,FELT,0.5,10,80	1	S.N.A	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.74	S.N.A	
...3	M0112	BN63-04166A	COVER-FRONT;32L450,UO,PC+ABS,-,-,-,V0,-,	1	S.N.A	
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	T0022	BN64-00755A	KNOB-CONTROL;32L450,ABS,V0,BK07	1	S.N.A	
...3	DECO/BOT	BN64-00756A	DECORATION-BOTTOM;L450 32INCH,PC,-,-,-,-	1	S.N.A	
...3	A/HBOSS	BN96-06794A	ASSY HOLDER P-BOSS;32L450,UO,HIPS,V0,,BK	1	S.N.A	
....4	H/BOSS	BN61-03675A	HOLDER-BOSS BOTTOM;32L450,UO,HIPS,V0,-,-	1	S.N.A	
....4		BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.57	S.N.A	
...3	T0069	BP60-00015R	SPACER-FELT;L450,FELT,L710,BLK,T0.35,W10	2	S.N.A	
...3	T0069	BP60-00015S	SPACER-FELT;L450 32",FELT,L410,BLK,T0.35	2	S.N.A	
...3	M0145	BN96-07269A	ASSY BOARD P-FUNCTION;LN40A450C1D,CT5000	1	S.A	
...3	M0146	BN96-07270D	ASSY BOARD P-POWER & IR;LN32A450C1D,CT50	1	S.A	
0.1	M0002	BN90-01506A	ASSY COVER REAR;32L450,UO,,,	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	11	S.A	
..2	M0013	BN96-06462A	ASSY COVER P-REAR;32L450,UO,HIPS,V0,BK50	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	4	S.N.A	
...3	M0006	BN63-04172A	COVER-REAR;32L450,UO,HIPS,-,-,-,V0,-,BK5	1	S.N.A	
...3	T0071	BN64-00759A	INLAY-TERMINAL;L450,UO,PS SHEET,T0.5,104	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
...3	T0069	AA60-00091J	SPACER-FELT;-,-,FELT,330X10,-,-,BLK,T0.5,-	2	S.N.A	
0.1	M0216	BN90-01512A	ASSY STAND;32L450,UO,,,	1	S.N.A	
..2	T0920	BN61-03868A	GUIDE-STAND;L450 32INCH,PC+GF(20%) V0,BL	1	S.N.A	
..2	C/STAND	BN63-04356A	COVER-STAND NECK;L450 32INCH,ABS+PMMA,HB	1	S.N.A	
..2	M0027	BN96-06464A	ASSY STAND P-BASE;32L450,,ABS+PMMA,HB,BK	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	4	S.A	
...3	H/WRTOP	BN61-02232A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,N	1	S.N.A	
...3	H/WRBOTTOM	BN61-02233A	HOLDER-SWIVEL RING;32R71,ACETAL NATUAL,N	1	S.N.A	
...3	B/HSWIVEL	BN61-02236A	BRACKET-HINGE SWIVEL;BORDEAUX 32,SECC,T1	1	S.N.A	
...3	B/SBOTTOM	BN61-02942A	BRACKET-STAND BOTTOM;32,BORDEAUX PLUS,SE	1	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A	
...3	T0004	BN63-04355A	COVER-STAND BASE;L450 32INCH,ABS+PMMA,HB	1	S.N.A	
...3	ASTGUIDE	BN96-07934A	ASSY STAND P-GUIDE;L450,V0,BLK,40INCH,PC	1	S.N.A	
....4		BN61-02932B	BRACKET-STOPPER NUT;L450,M4,OD8,-,-,L24,	3	S.N.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN61-03872A	GUIDE-STAND BOTTOM;L450 32INCH,PC+GF(20%	1	S.N.A	
...3	M0126	BN73-00052C	RUBBER-FOOT;LCD TV,CR RUBBER,T2.0 DIA19,	4	S.N.A	
..2	T0524	6902-000520	BAG PE;HDPE/NITRON(DOUBLE),T0.015/T0.5(D	1	S.N.A	
0.1	A/CHASSIS	BN91-01973H	ASSY CHASSIS-SSD;LN32A450C1DXZA	1	S.N.A	
..2	M0014	BN94-01638H	ASSY PCB MAIN-SSD;LN32A450C1DXZA	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA801S	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A	
...3	JA7003	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A	
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-003846	HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA806S	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	S.A	
...3	JA7004	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	
...3	JA333	3722-002635	JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE	1	S.A	
...3	CIS3	AA40-00177A	TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18	1	S.A	
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SPT,TO.3,49.5,79.5,HE	1	S.N.A	
...3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.N.A	
...3	A/SMD	BN97-01995H	ASSY SMD-SSD;LN32A450C1DXZA	1	S.N.A	
...4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20-45##,96.5Sn/	2.094	S.N.A	
...4	D1011	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
...4	D9005	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
...4	D2002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2008	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7025	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D8012S	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D8014S	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D1004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D1010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D9004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
...4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
...4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D0254	0402-001207	DIODE-SCHOTTKY;UPS5819,40V,1000MA,DO-216	1	S.A	
....4	D1006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D7017	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7018	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7050	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D8007S	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D6002	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6003	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6004	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6005	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6013	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6014	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6016	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6017	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6020	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7021	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7027	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7028	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7030	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7032	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7034	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8002S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8003S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8010S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8025S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8026S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8027S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8028S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D5002	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D6001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6006	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6009	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6015	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6018	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6021	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6022	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6023	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7003	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7041	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D7042	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8004S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8005S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8008S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8009S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8015S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8021S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8022S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8023S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8024S	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7014	0406-001200	DIODE-TV;RCLAMP0504F,6/-/V,150W,SC-70	1	S.A	
....4	D7051	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7052	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7053	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7054	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D8100S	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D8101S	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7038	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D7039	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1000	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9004	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9005	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q2003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q9002	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1002L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1003L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q2005	0504-000129	TR-DIGITAL;KSR1104,NPN,200mW,47K/47K,SOT	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001165	FET-SILICON;SI3443BDV,P,-20V,+4.4A,65mo	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC2003	0904-001862	IC-I/O SUPPORT CHIP;PCF8574ATS,8Bit,SSOP	1	S.A	
....4	IC6003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A	
....4	IC106	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	1	S.A	
....4	IC106	1001-001513	IC-VIDEO SWITCH;TMDS351PAG,TQFP,64P,9x9m	1	S.A	
....4	IC6001	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-001406	IC-EEPROM;AT24C512BN-SH25-T,512Kbit,64Kx	1	S.A	
....4	IC201C	1105-001838	IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1	1	S.A	
....4	IC202C	1105-001838	IC-DDR SDRAM;EM6A9160TS0A-5G,DDR SDRAM,1	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	

5. Exploded View & Part List

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5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001325	R-CHIP;3.3Kohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001433	R-CHIP;12Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007008	R-CHIP;300ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007008	R-CHIP;300ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007095	R-CHIP;390ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-008813	R-CHIP;909ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-009853	R-CHIP;1.6Kohm,1%,1/16W,TP,1005	1	S.A	
....4	R2001	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2002	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2003	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2004	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2005	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2006	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2007	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	R2008	2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	

5. Exploded View & Part List

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5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	
....4	C120	2203-001072	C-CER,CHIP;0.056nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001153	C-CER,CHIP;0.068nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001153	C-CER,CHIP;0.068nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C120	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	

5. Exploded View & Part List

[illegible]

5. Exploded View & Part List

[illegible]

5. Exploded View & Part List

[illegible]

5. Exploded View & Part List

[illegible]

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C9014	2402-001323	C-AL,SMD;100###F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C9017	2402-001323	C-AL,SMD;100###F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C1086	2409-001129	C-POLYMER ,CHIP;100uF,20%,6.3V,WT,TP,3.5	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A	
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A	
....4	L9001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L9002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50oh	1	S.A	
....4	X202	2801-004604	CRYSTAL-SMD;24.69MHz,30ppm,27pF,40ohm,TP	1	S.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4						

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA7001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA7002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	T0077	BN41-00963A	PCB MAIN;FR-4,4,1.2T,192*158	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0018	BN97-02014A	ASSY MICOM;T-CRLAUSC-XXXX,N45A,2007.11.0	1	S.N.A	
....5	IC2005	1107-001735	IC-NOR FLASH;MX25L3205DM2I-12G,32Mbit,16	1	S.A	
....4	R110	2007-007587	R-CHIP;3.6Kohm,1%,1/16W,TP,1005	1	S.N.A	
...3	T0334	AA60-00040A	SPACER-CRT;OD8,ID4,BLK,-,-,-,-,-,-,-,-	1	S.N.A	
...3	JA333	3722-002697	JACK-PIN;14P+1P(Shield+Gnd),NI,BLACK,STR	1	S.A	
...3	SUB08	BN97-00707A	ASSY HDCP;BN46-00018A,BR20/21BS_CS,MSTAR	1	S.N.A	
....4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.A	
0.1	A/SHIELD	BN91-01978A	ASSY SHIELD-SQT;LN32A450C1DXZA	1	S.N.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	1	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	8	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M2893	BH39-00362C	LEAD CONNECTOR;Beethoven,UL1007#26,5P,30	1	S.A	
..2	M0258	BN39-00615Q	CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1	1	S.A	
..2	M2893	BN39-00802C	LEAD CONNECTOR;HPT4264H,UL1617#22,24P/24	1	S.A	
..2	M2893	BN39-00849G	LEAD CONNECTOR;LE26A450,UL1007 #26,14P,2	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2	T0764	BN44-00214A	SMPS-LCDTV;MK32P5B,DYREL,AC/DC,137W,AC10	1	S.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	4	S.N.A	
..2	M0115	BN61-02947A	BRACKET-STAND LINK;JASMINE 32",SECC,T1.6	1	S.A	
..2	M0146	BN61-03265A	BRACKET-PANEL SIDE;JASMINE,SECC 1.2,AMLC	2	S.N.A	
..2	M0254	BN61-03699B	HOLDER-SIDE AV;32L450,-,-,-,-,BN61-036	1	S.N.A	
..2	T0447	BN96-06958A	ASSY BRACKET P-PANEL;32L450,AM,CMO,AUO,,	1	S.N.A	
...3	M0131	AA63-01236A	GASKET;FIRENZE,Conductive Fabric,3mm,12m	1	S.N.A	
...3	M0131	AA63-01401A	GASKET;LE40R71BX,Conductive Fabric,22mm,	2	S.N.A	
...3	M0131	AA63-01437A	GASKET;Bordeaux,Conductive Fabric,20mm,9	1	S.N.A	
...3	M0146	BN61-03678A	BRACKET-PANEL TOP;32L450,SECC,T1.0,-,-,-	1	S.N.A	
...3	B/GMAIN	BN61-03683A	BRACKET-GUIDE MAIN;L450 32INCH,SECC,T1.0	1	S.N.A	
...3	B/PBOTTOM	BN61-03685A	BRACKET-PANEL BOTTOM;L450 32INCH,SECC,T1	1	S.N.A	
...3	B/GPRIGHT	BN61-03686A	BRACKET-GUIDE POWER;L450 32INCH,SECC,T1.	1	S.N.A	
...3	B/GPLEFT	BN61-03691A	BRACKET-GUIDE POWER;L450 32INCH,SECC,T1.	1	S.N.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A	
..2	M2893	BN39-00875B	LEAD CONNECTOR;LN32A450C1D,UL1571#30,30P	1	S.A	
..2		BN68-01402A	MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En	1	S.N.A	
0.1	A/LCD	BN91-02064F	ASSY LCD-AMLCD;LE32A457C1DXXC	1	S.N.A	
..2	M0215	BN07-00538A	LCD-PANEL;LTF320AB01	1	S.A	
0.1	M0113	BN92-03174A	ASSY P/MATERIAL;32L450,UO,,,	1	S.N.A	
..2	T0003	BH69-00418A	BAG WRAPPING;E770S/UM,LDPE,-,1828M,762,-	3.35	S.N.A	
..2	T0524	6902-000738	BAG PE;HDPE/HDPE/NITRON,T0.015/T0.015/T1	1	S.N.A	
0.1	M0045	BN92-03213K	ASSY ACCESSORY;LN32A450C1DXZC	1	S.N.A	
..2	M0045	BN96-06514A	ASSY ACCESSORY-CABLE;CORAL/ZA,ZC,ZX	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0074	BN59-00687A	REMOCON;TM-96B,49,AMERICA	1	S.A	
..2	M0045	BN96-07254A	ASSY ACCESSORY-MANUAL;LN32A450C1DXZC	1	S.A	
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A	
...3	REV 05	AA68-00682C	CARD WARRANTY-05;PDP,W/P120(G),SECA,B5,B	1	S.N.A	
...3	T0531	BN63-04269A	COVER-BOTTOM;22,26,32L450,HIPS,-,-,-,V0,	1	S.N.A	
...3	A/SCREW	BN96-01800A	ASSY ACCESSORY-SCREW ZIPPER;ROME32,-,-,-	1	S.N.A	
...4	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	4	S.A	
...4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A	
...3	M0045	BN96-01800D	ASSY ACCESSORY;CORAL,Without Stand	1	S.A	
...4	B/ZIPPER	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A	
...4	M0081	6003-001334	SCREW-TAPTITE;BH,+,S,M4,L14,ZPC(BLK),SWR	3	S.N.A	
...3		AA68-03242L	MANUAL FLYER-02,SAFETY GUIDE;comm,Samsun	1	S.N.A	
...3	T0511	BN68-01395C	MANUAL USERS;COMM,SAMSUNG,Eng/CF,N.Ameri	1	S.N.A	
...3		BN68-01396C	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng/CF,N.A	1	S.N.A	
...3	REV 00	BN68-01396A	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer	1	S.N.A	

5-4. LN37A450C1D Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN37A450C1DXZA	LN37A450C1D,N45B/37AC1-GCR,37,LCD-TV,UNI			
0.1	M0001	BN90-01502A	ASSY COVER FRONT;37L450,UO,,,	1	S.N.A	
..2	T0003	BN96-06785A	ASSY COVER P-FRONT;37L450,UO,PC+ABS,V0,B	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0069	AA60-00091N	SPACER-FELT;- ,FELT,70X10,-,-,BLK,T1.0,-,	1	S.N.A	
...3	T0069	AA60-00171L	SPACER-FELT;46L3,FELT,460,T0.5,10	2	S.N.A	
...3	BOSS/T	BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.74	S.N.A	
...3	CCM1	BN63-02183G	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1100mm,2	0.992	S.N.A	
...3	FELT	BN63-02224A	FELT-VIBRATION;63P5,FELT,T0.5,850,10	2	S.N.A	
...3	M0112	BN63-04169A	COVER-FRONT;37L450,UO,PC+ABS,-,-,-,V0,-,	1	S.N.A	
...3	T0059	BN64-00379A	INDICATOR LED;ROME-II,23,PC,CLEAR	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	T0022	BN64-00755A	KNOB-CONTROL;32L450,ABS,V0,BK07	1	S.N.A	
...3	D/BOTTOM	BN64-00761A	DECORATION-BOTTOM;L450 37INCH,PC,-,-,-,-	1	S.N.A	
...3	A/HBOSS	BN96-06795A	ASSY HOLDER P-BOSS;37,40L450,UO,HIPS,V0,	1	S.N.A	
....4	BOSS/T	BN61-03261A	BOSS-TAPE;Tulip,ACRYL,T1.1,W12mm,GRAY,TA	1.45	S.N.A	
....4	H/BOSS	BN61-03677A	HOLDER-BOSS BOTTOM;37,40L450,UO,HIPS,V0,	1	S.N.A	
...3	M0146	BN96-07270D	ASSY BOARD P-POWER & IR;LN32A450C1D,CT50	1	S.A	
...3	T0069	BP60-00015T	SPACER-FELT;L450 37",FELT,L830,BLK,T0.5,	2	S.N.A	
...3	T0069	BP60-00015U	SPACER-FELT;L450 37",FELT,L470,BLK,T0.5,	2	S.N.A	
..2	T0175	BN96-06818A	ASSY SPEAKER P;8ohm,CORAL,LCD,PDP,10W,4p	1	S.A	
0.1	M0002	BN90-01507A	ASSY COVER REAR;37L450,UO,,,	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	14	S.A	
..2	M0013	BN96-06789A	ASSY COVER P-REAR;37L450,UO,HIPS,V0,BK50	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	2	S.N.A	
...3	M0006	BN63-04173A	COVER-REAR;37L450,UO,HIPS,-,-,-,V0,-,BK5	1	S.N.A	
...3	T0071	BN64-00759A	INLAY-TERMINAL;L450,UO,PS SHEET,T0.5,104	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01513A	ASSY STAND;37L450,UO,,,	1	S.N.A	
..2	M0027	BN96-07182A	ASSY STAND P-BASE;37,40L450,UO,ABS+PMMA,	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	8	S.A	
...3	T0524	6902-000518	BAG PE;HDPE+NITRON(DOUBLE),T0.015/T0.05(	1	S.N.A	
...3	H/SRTOP	BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	1	S.N.A	
...3	STUD	BN61-02428K	STUD-PEM;PNA,M4,D8,L24,ZPC(SIL),SUM24L	3	S.N.A	
...3	B/SBOTTOM	BN61-02883A	BRACKET-STAND BOTTOM;BORDEAUX PLUS,40,SE	1	S.N.A	
...3	H/ SRBOTTOM	BN61-02885A	HOLDER-SWIVEL RING;MURANO40,ACETAL NATUR	1	S.N.A	
...3	B/HINGE	BN61-02886A	BRACKET-HINGE SWIVEL;BORDEAUX PLUS,40,SE	1	S.N.A	
...3	T0920	BN61-03870A	GUIDE-STAND;L450 40INCH,PC+GF 20%,BLK	1	S.N.A	
...3	G/SBOTTOM	BN61-03873A	GUIDE-STAND BOTTOM;L450 40INCH,PC+GF(20%	1	S.N.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.5	S.N.A	
...3	T0004	BN63-03030A	COVER-STAND BASE;40R81,ABS+PMMA,-,-,-,HB	1	S.N.A	
...3	REV 00	BN68-01402B	MANUAL FLYER-STAND GUIDE;COMM,SAMSUNG,En	1	S.N.A	
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5	4	S.N.A	
...3	M0045	BN96-01800A	ASSY ACCESSORY;ROME32,-,-,-,SCREW	1	S.A	
...4	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...4	ACCESSORY	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A	
...3	M0045	BN96-01800D	ASSY ACCESSORY;CORAL,Without Stand	1	S.A	
...4	M0081	6003-001355	SCREW-TAPTITE;BH,+,,S,M4,L20,ZPC(BLK),SWR	3	S.A	
...4	B/ZIPPER	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A	
0.1	M0017	BN91-01973E	ASSY CHASSIS;LN37A450C1DX*,N45A	1	S.N.A	
..2	M0014	BN94-01638E	ASSY PCB MAIN-CPT;LN37A450C1DXZA,N45A	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA801S	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A	
...3	JA7003	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A	
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A	
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A	
...3	CN330	3711-003846	HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-005606	HEADER-BOARD TO CABLE;BOX,30P,2R,2mm,STR	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	JA806S	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	S.A	
...3	JA7004	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	
...3	JA333	3722-002635	JACK-PIN;3P,Sn,YEL/WHT/RED,ANGLE	1	S.A	
...3	JA333	3722-002684	JACK-PIN;14P+1P PHONE,NI,BLACK,STRAIGHT	1	S.A	
...3	CIS3	AA40-00177A	TUNER;TDQU6-K01A,TDQU6-K01A,NTSC/ATSC,18	1	S.A	
...3	M0107	BN63-01847A	SHIELD-COVER;ROME,SECC,T0.3,49.5,79.5,HE	1	S.N.A	
...3	CCMM1	BN73-00024D	SILICON/RUBBER;BORDEAUX,SILICON,28x28XT6	1	S.N.A	
...3	A/HDCP	BN97-00688B	ASSY HDCP;MT8202 IC HDCP Key'	1	S.N.A	
...4		BN46-00018A	KEY CODE-CERTIFICATE;(HDCP KEY)PPM42M5S,	1	S.N.A	
...3	T0174	BN97-01995E	ASSY SMD;LN37A450C1DXZA,CPT	1	S.N.A	
...4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	2.094	S.N.A	
...4	D1011	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
...4	D9005	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
...4	D2002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2003	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2004	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D2008	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D5001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7005	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7011	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7012	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7023	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
...4	D7025	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D8012S	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D8014S	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1005	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1007	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1008	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1009	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1010	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D9004	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A	
....4	D0254	0402-001207	DIODE-SCHOTTKY;UPS5819,40V,1000MA,DO-216	1	S.A	
....4	D1006	0403-000002	DIODE-ZENER;VLZ5V6B,5.45/5.73V,500mW,SOD	1	S.A	
....4	D7017	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7018	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D7050	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D8007S	0403-000771	DIODE-ZENER;VLZ6V2B,5.96-6.27V,500mW,SOD	1	S.A	
....4	D6002	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6003	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6004	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6005	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6013	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6014	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6016	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6017	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D6020	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7019	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7021	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7027	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7028	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7030	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7032	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D7034	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8002S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8003S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8010S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8025S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8026S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8027S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D8028S	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D5002	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D6001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6006	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6009	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6015	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D6018	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6021	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6022	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6023	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D6025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7001	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7003	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7010	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7024	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7041	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7042	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8004S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8005S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8008S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8009S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8015S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8021S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8022S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8023S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D8024S	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D7014	0406-001200	DIODE-TVS;RCLAMP0504F,6/-/V,150W,SC-70	1	S.A	
....4	D7051	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7052	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7053	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7054	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D8100S	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D8101S	0406-001271	DIODE-TVS;RCLAMP0524P,6/-/V,150W,SLP251	1	S.A	
....4	D7038	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D7039	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1000	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9004	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q9005	0501-000434	TR-SMALL SIGNAL;KTC3875S-GR,NPN,150mW,SO	1	S.A	
....4	Q2003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q3001L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q5001	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7003	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q7004	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q9002	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q1002L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q1003L	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A	
....4	Q2005	0504-000129	TR-DIGITAL;KSR1104,NPN,200mW,47K/47K,SOT	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A	
....4	Q409	0505-001165	FET-SILICON;SI3443BDV,P,-20V,+4.4A,65mo	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC104	0801-002633	IC-CMOS LOGIC;7WBD3125,2bit BUS SWITCH,S	1	S.A	
....4	IC2003	0904-001862	IC-I/O SUPPORT CHIP;PCF8574ATS,8Bit,SSOP	1	S.A	
....4	IC6003	1001-000164	IC-ANALOG MULTIPLEX;74HC4052,CMOS,SOP,16	1	S.A	

5. Exploded View & Part List

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5. Exploded View & Part List

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5. Exploded View & Part List

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5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,TP,1608	1	S.A	
....4	C120	2203-000280	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,1608	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,1005	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
....4	C120	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000851	C-CER,CHIP;0.039nF,5%,50V,C0G,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000975	C-CER,CHIP;47nF,10%,25V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000995	C-CER,CHIP;0.047nF,5%,50V,C0G,1005	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-001072	C-CER,CHIP;0.056nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001153	C-CER,CHIP;0.068nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001153	C-CER,CHIP;0.068nF,5%,50V,NP0,1005	1	S.A	
....4	C120	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C120	2203-001412	C-CER,CHIP;0.03nF,5%,50V,NP0,TP,1005	1	S.N.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-001598	C-CER,CHIP;2200nF,+80-20%,16V,Y5V,2012	1	S.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	S.N.A	
....4	C120	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A</	

5. Exploded View & Part List

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5. Exploded View & Part List

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5. Exploded View & Part List

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5. Exploded View & Part List

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5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-006399	C-CER,CHIP;1000nF,10%,6.3V,X5R,1005	1	S.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C120	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012 (	1	S.N.A	
....4	C5013	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A	
....4	C9014	2402-001323	C-AL,SMD;100###F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C9017	2402-001323	C-AL,SMD;100###F,20,25V,LZ,TP,6.3X8mm	1	S.A	
....4	C1086	2409-001129	C-POLYMER ,CHIP;100uF,20%,6.3V,WT,TP,3.5	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000158	INDUCTOR-SMD;1uH,10%,2012	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A	
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A	
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A	
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A	
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A	
....4	L9001	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L9002	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50oh	1	S.A	
....4	X202	2801-004604	CRYSTAL-SMD;24.69MHz,30ppm,27pF,40ohm,TP	1	S.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001236	BEAD-SMD;60ohm,1608,-,-,-	1	S.N.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001324	BEAD-SMD;15ohm,2012,600mA,TP,,,0.1ohm	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001526	BEAD-SMD;10ohm,1.6x0.8x0.8mm,1000mA,TP,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0568	3301-001560	BEAD-SMD;80ohm,1.6X0.8X0.8mm,200mA,TP,,,	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA7001	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA7002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	T0077	BN41-00963A	PCB MAIN;FR-4,4,1.2T,192*158	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	

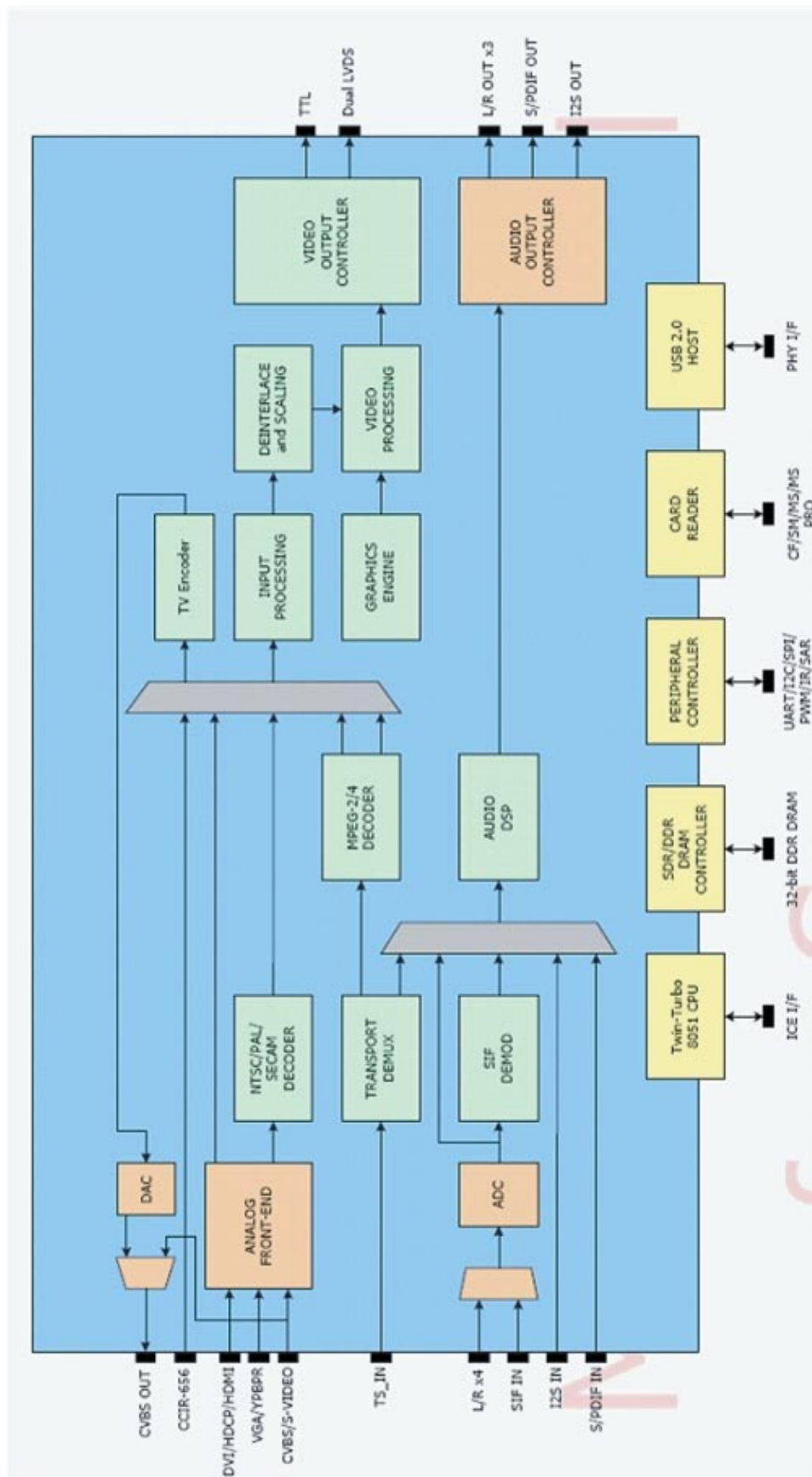
5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
....4	M0018	BN97-02014A	ASSY MICOM;T-CRLAUSC-XXXX,N45A,2007.11.0	1	S.N.A	
.....5	IC2005	1107-001735	IC-NOR FLASH;MX25L3205DM2I-12G,32Mbit,16	1	S.A	
0.1	A/SHIELD	BN91-01979A	ASSY SHIELD-PEE;LN37A450C1DXZA	1	S.N.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	4	S.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	9	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M2893	BH39-00362C	LEAD CONNECTOR;Beethoven,UL1007#26,5P,30	1	S.A	
..2	M0258	BN39-00615Q	CBF HARNESS-INLET SOCKET;LN40A450C1D,UL1	1	S.A	
..2	M2893	BN39-00802S	LEAD CONNECTOR;LILY2 50",UL1007#26,24p/2	1	S.A	
..2	M2893	BN39-00849A	LEAD CONNECTOR;LE37M86BDX/XEC,UL1007 #26	1	S.A	
..2	T0764	BN44-00217A	SMPS-LCDTV;MK37P5B,SEM,AC/DC,171W,AC100	1	S.A	
..2	M0146	BN61-02419A	BRACKET-PANEL SIDE;SONOMA 32,SECC,T1.2,A	4	S.N.A	
..2	M0115	BN61-02882A	BRACKET-STAND LINK;TULIP,40,SECC,T1.6,-,	1	S.A	
..2	M0254	BN61-03699B	HOLDER-SIDE AV;32L450,UO,HIPS,HB,BK500	1	S.N.A	
..2	T0447	BN96-06959C	ASSY BRACKET P-PANEL;37L450,UO,CPT,,SECC	1	S.N.A	
...3	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	2	S.A	
...3	M0131	AA63-01438A	GASKET;Bordeaux,Conductive Fabric,7mm,8m	1	S.N.A	
...3	M0146	BN61-03684A	BRACKET-PANEL TOP;37L450,SECC,T1.0,-,-	1	S.N.A	
...3	B/PBOTTOM	BN61-03689A	BRACKET-PANEL BOTTOM;L450 37INCH,SECC,T1	1	S.N.A	
...3	B/GMAIN	BN61-03692A	BRACKET-GUIDE MAIN;L450 37INCH,SECC,T1.0	1	S.N.A	
...3	B/GPRIGHT	BN61-03693A	BRACKET-GUIDE POWER;L450 37INCH,SECC,T1.	1	S.N.A	
...3	B/GPLEFT	BN61-03696A	BRACKET-GUIDE POWER;L450 37INCH,SECC,T1.	2	S.N.A	
...3	T0101	BN61-03698A	BRACKET-WALL;L450 37INCH,SECC,T1.0	1	S.N.A	
...3	M0131	BN63-02549A	GASKET;LE37R72B,Conductive Fabric,26mm,1	5	S.N.A	
..2	M0214	BN96-07158H	ASSY CABLE P-FLAT;CORAL,FFC CABLE,75*240	1	S.A	
0.1	A/LCD	BN91-01985B	ASSY LCD-CPT;LN37A450C1DXZA,CLAA370WF02S	1	S.N.A	
..2	M0215	BN07-00507A	LCD-PANEL;CLAA370WF02S,8bit,37inch,16.7M	1	S.A	
0.1	M0003	BN92-03169A	ASSY BOX;37L450,UO,,	1	S.N.A	
..2	B/OUT	BN69-02398A	BOX-SET,OUT;L450-37,CB,C-03,DY-01,AB,W99	1.02	S.N.A	
..2	B/IN	BN69-02399A	BOX-01,SET IN;L450-37,CB,C-01,DY-01,AB,W	1	S.N.A	
0.1	M0113	BN92-03175A	ASSY P/MATERIAL;37L450,UO,,,	1	S.N.A	
..2	T0524	6902-000524	BAG PE;HDPE/NITRON,T0.015/T0.5,W1200,L11	1	S.N.A	
..2	B/PP	6922-000003	BAND PP;PP,T0.8,W18,L1650M,TRP,DA69-9014	4.02	S.N.A	
..2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A	
0.1	M0019	BN92-03212E	ASSY LABEL;LN37A450C1DXZA,N45A	1	S.N.A	
0.1	M0045	BN92-03213F	ASSY ACCESSORY;LN40A450C1DXZA	1	S.N.A	
..2	M0045	BN96-06917A	ASSY ACCESSORY;LN37/40A450C1DXZA	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3Y,U(IEC C13-RA)	1	S.A	

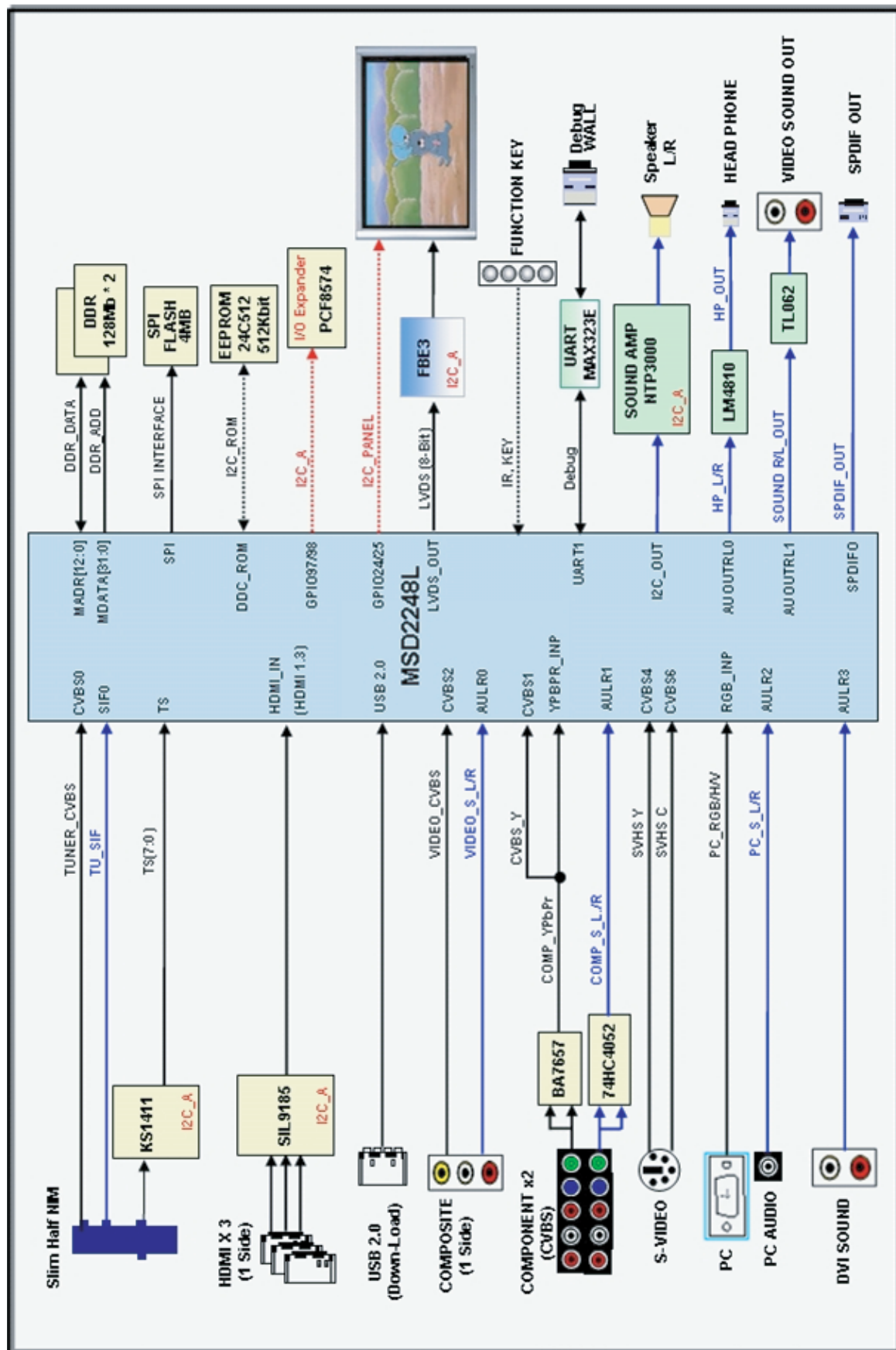
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A	
...3	REV 06	AA68-00371C	MARK RECYCLE-CARD WARRANTY,06,,SEA,W/P10	1	S.N.A	
...3	T0210	AA68-03242L	MANUAL FLYER-01,SAFETY GUIDE;comm,Samsun	1	S.N.A	
...3	T0238	AA68-03870C	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A	
...3	T0238	AA68-03870D	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A	
...3	T0074	BN59-00687A	REMOCON;TM-96B,49,AMERICA	1	S.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0531	BN63-04243A	COVER-BOTTOM;37,40L450,HIPS,-,-,V0,-,B	1	S.N.A	
...3	T0511	BN68-01395A	MANUAL USERS;COMM,SAMSUNG,Eng/Spa,N.Amer	1	S.N.A	
...3	REV 00	BN68-01396A	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer	1	S.N.A	

7. Schematic Diagram

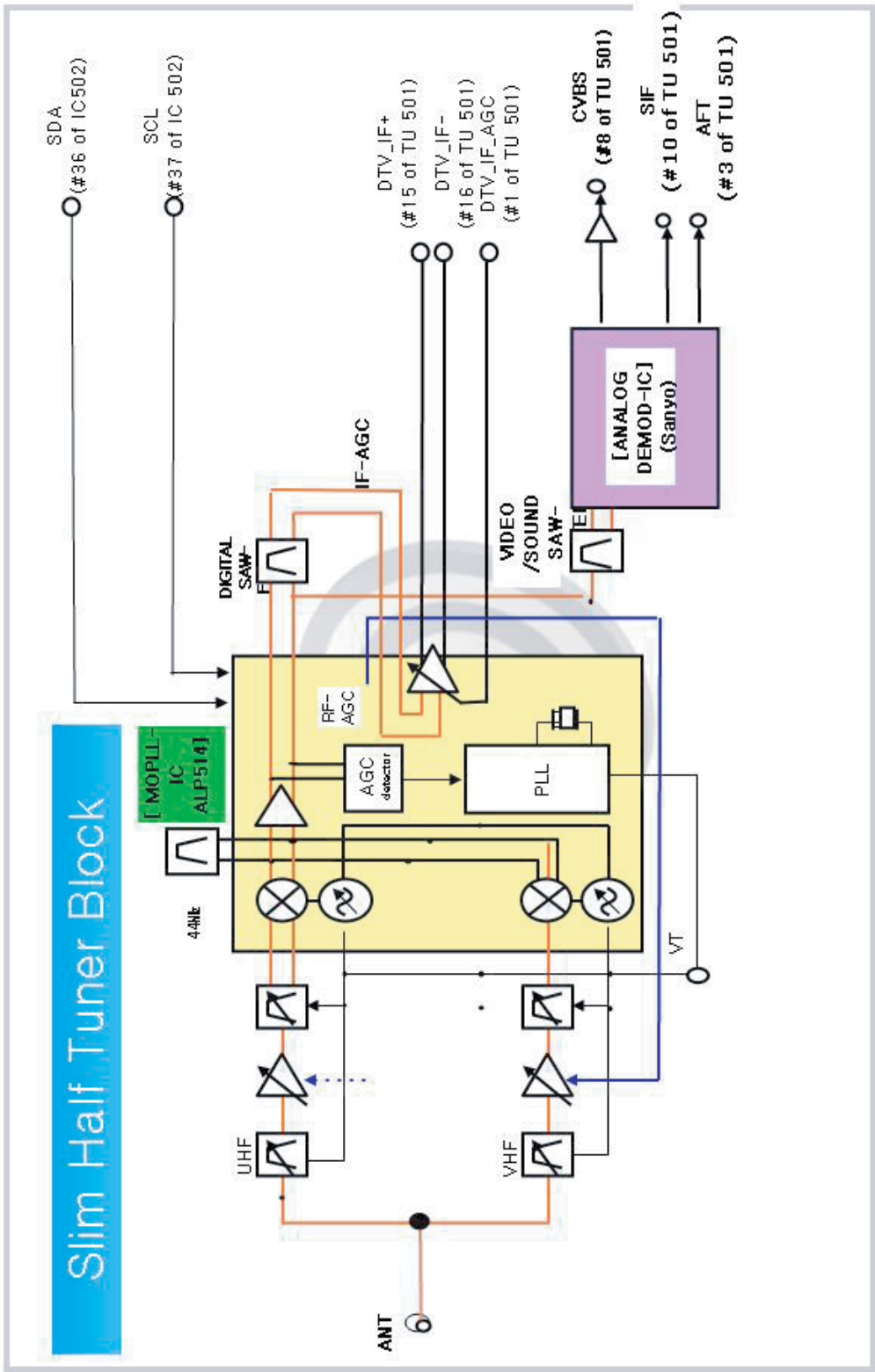
7-1. Internal Block Diagram of Scaler(MSD2248AL)



7-2. SCHEMATIC Block Diagram

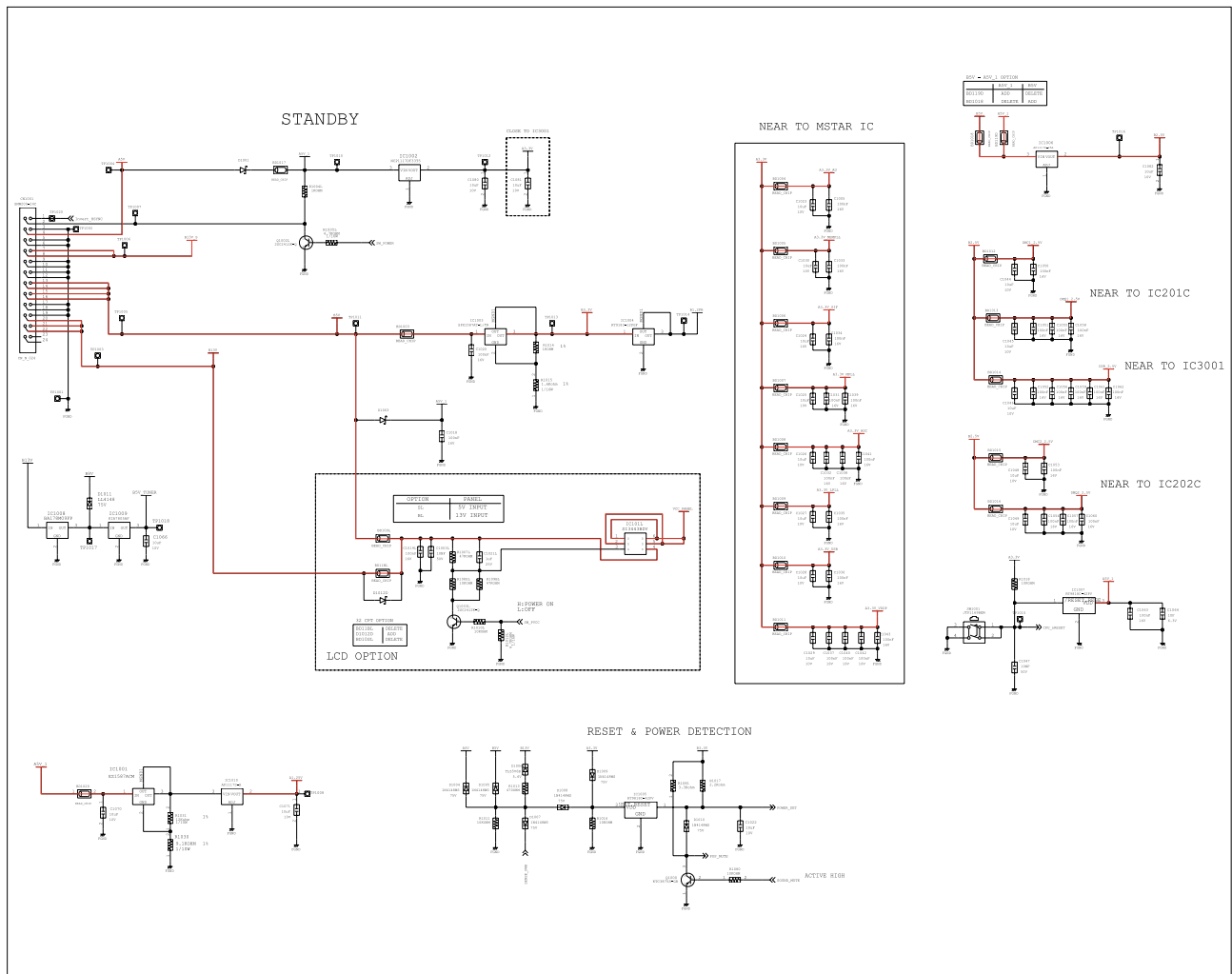


7-3. SlimHalf Tuner Diagram

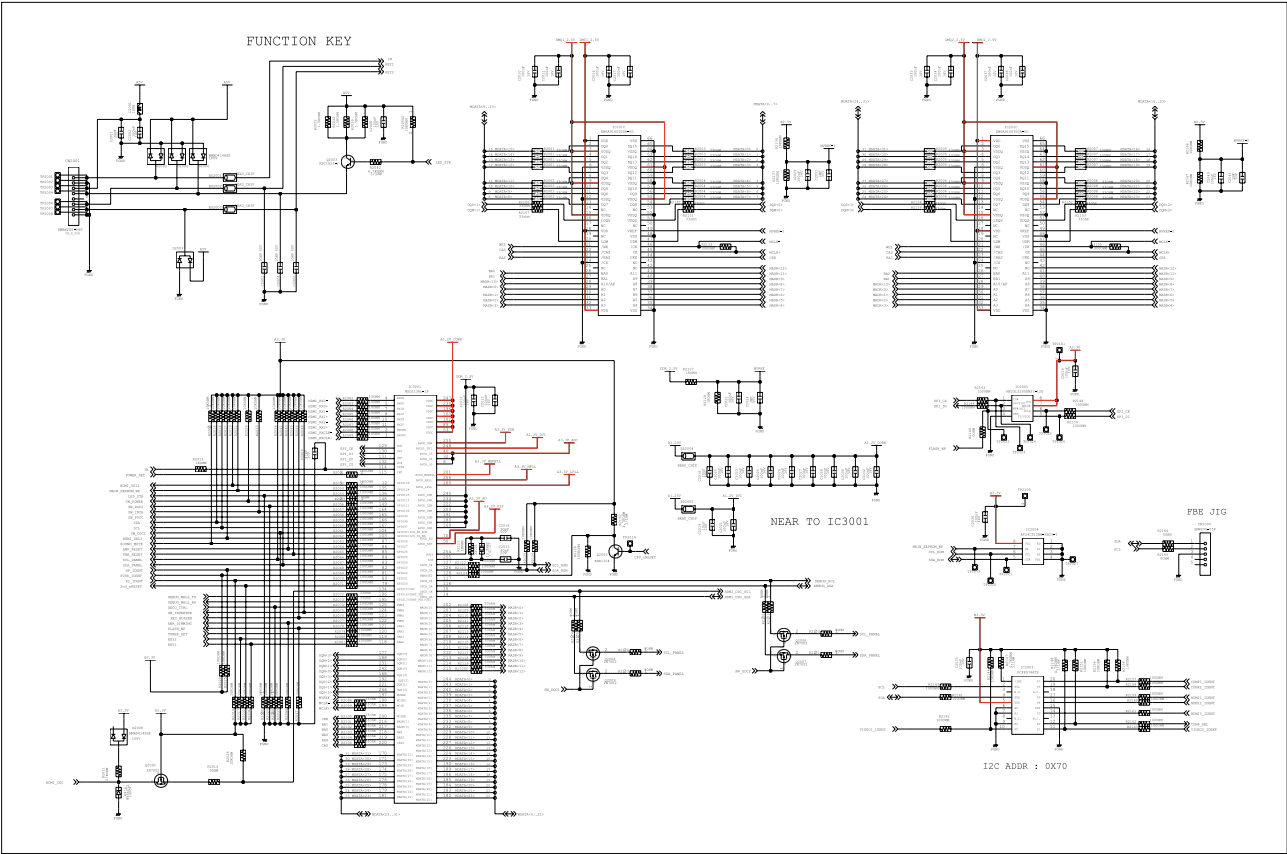


7-2. Schematic Diagrams

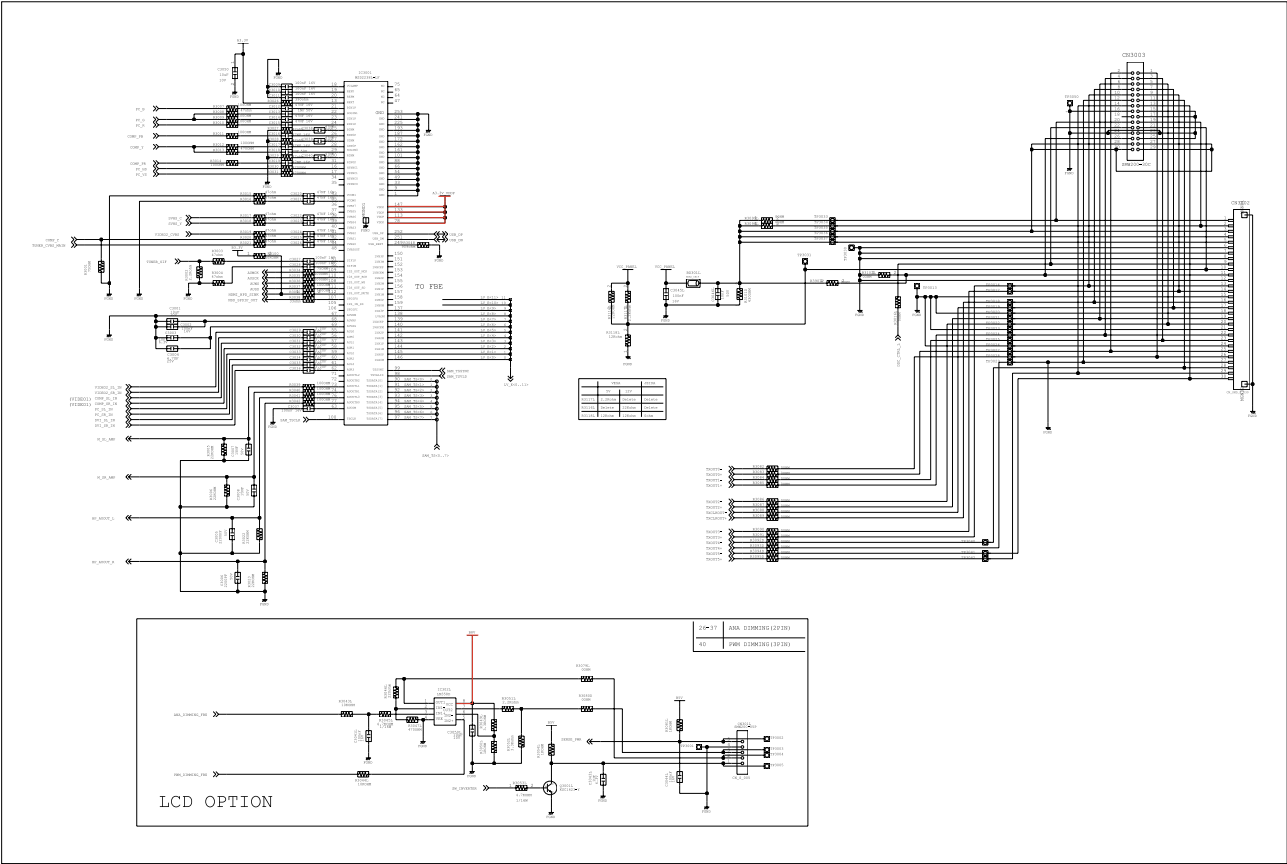
7-2-1. STANDBY



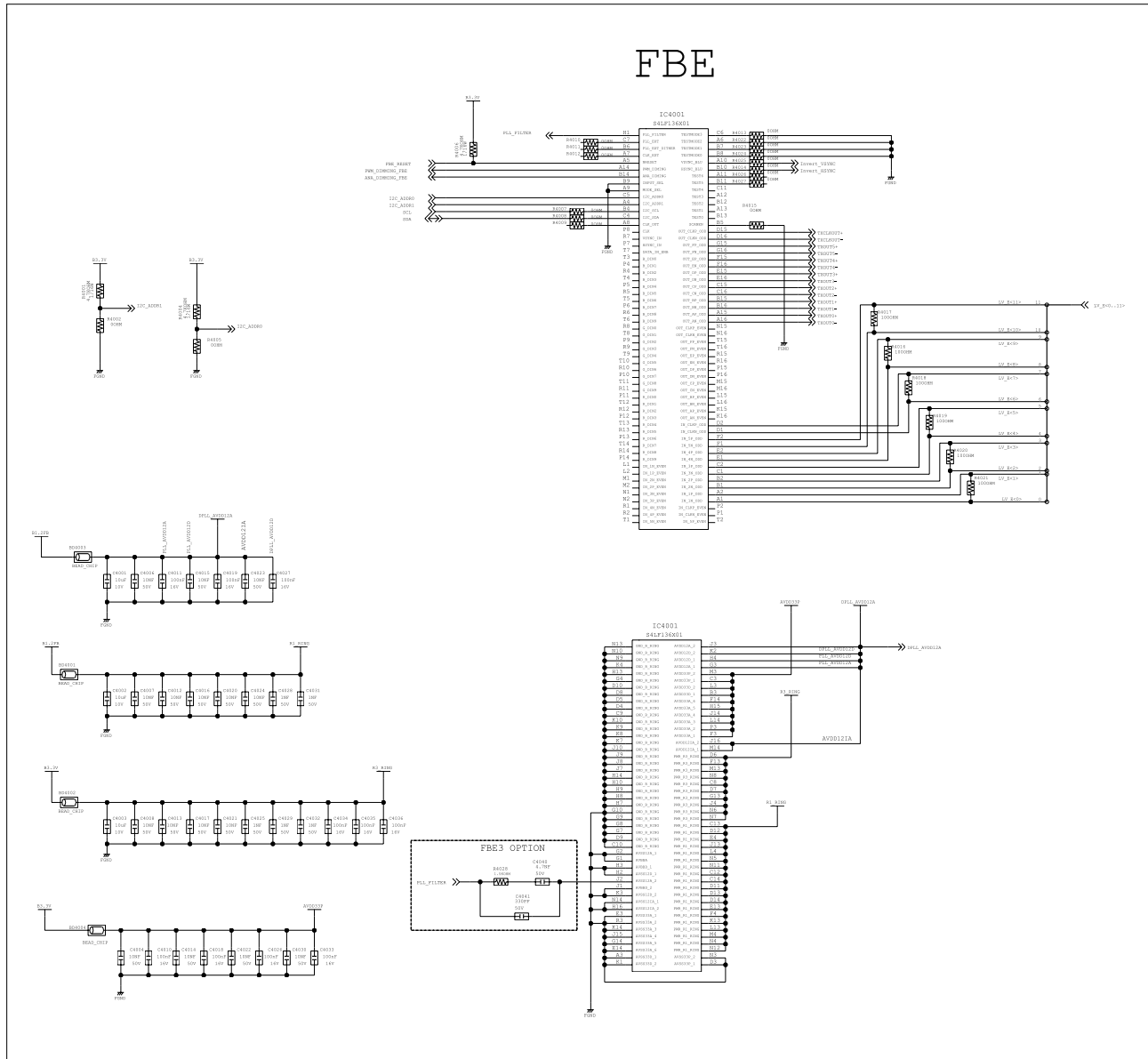
7-2-2. FUNCTION KEY



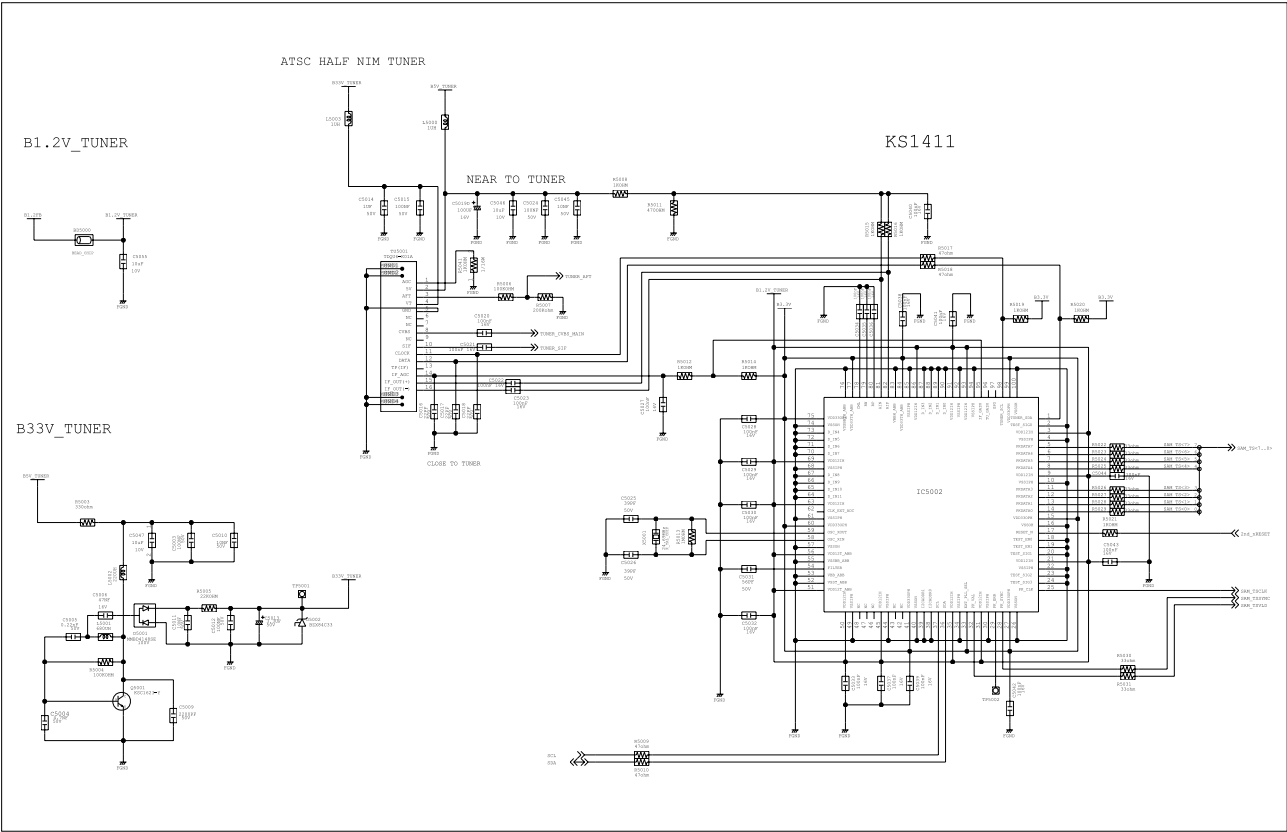
7-2-3. LCD OPTION



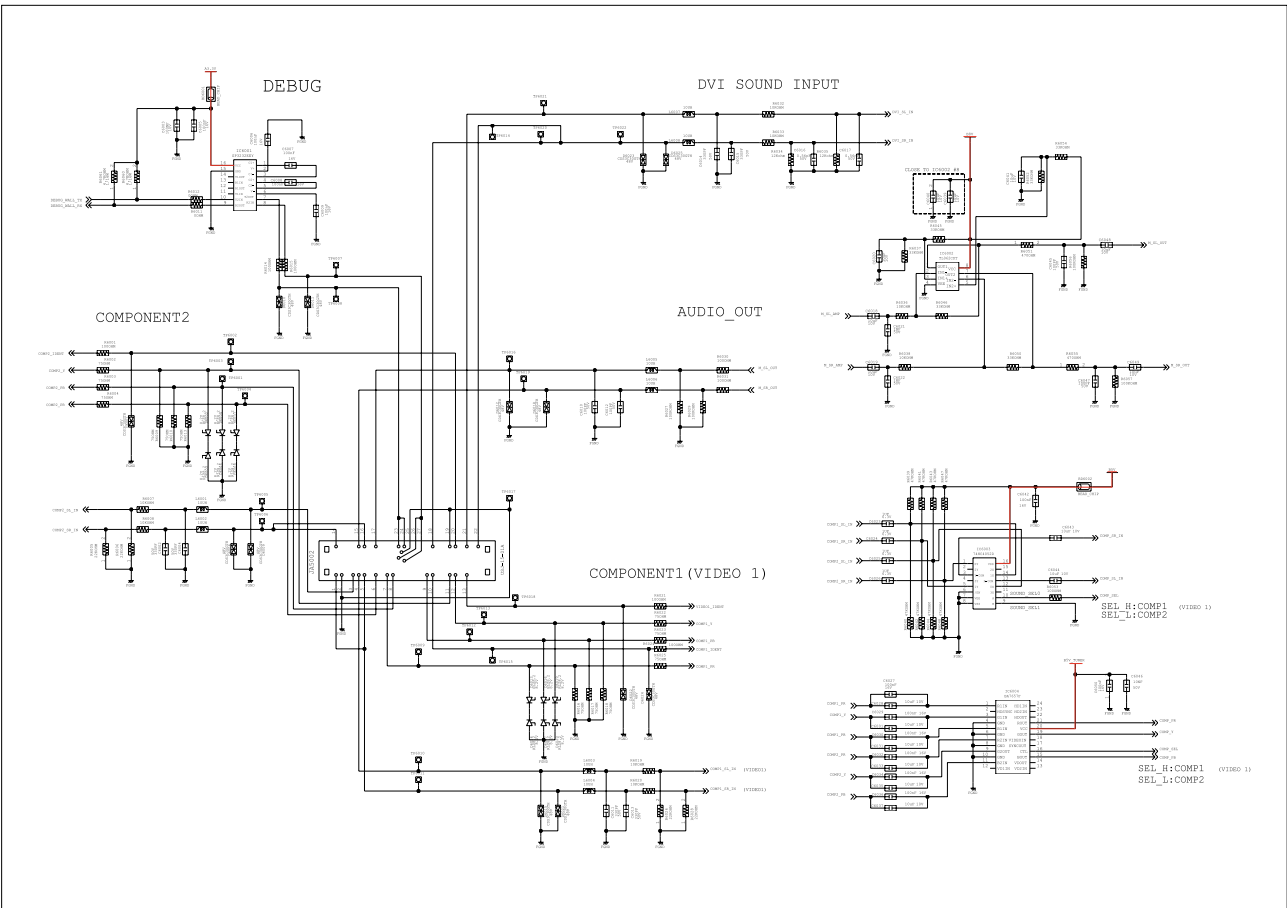
7-2-4. FBE



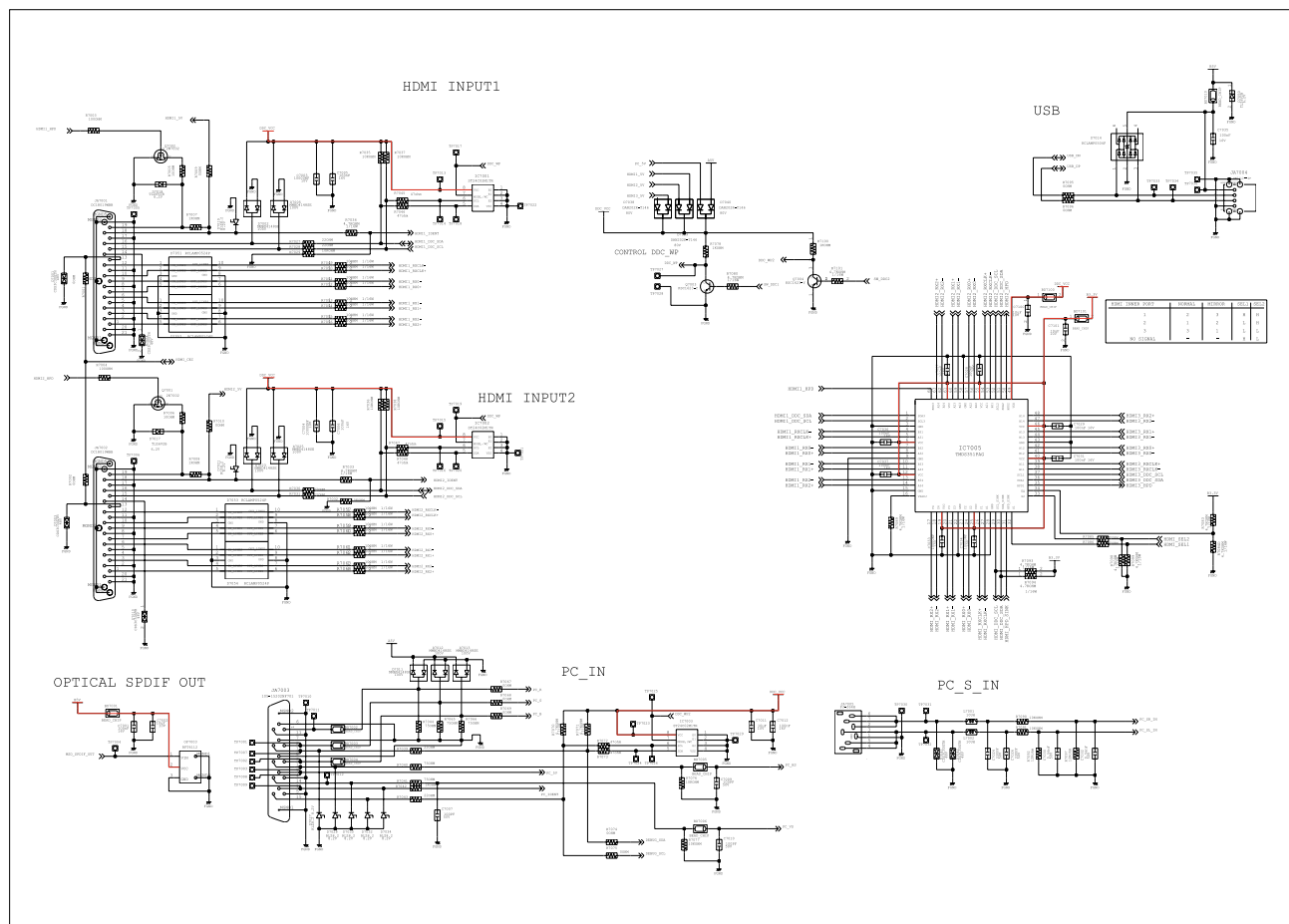
7-2-5. ATSC HALF NIM TUNER



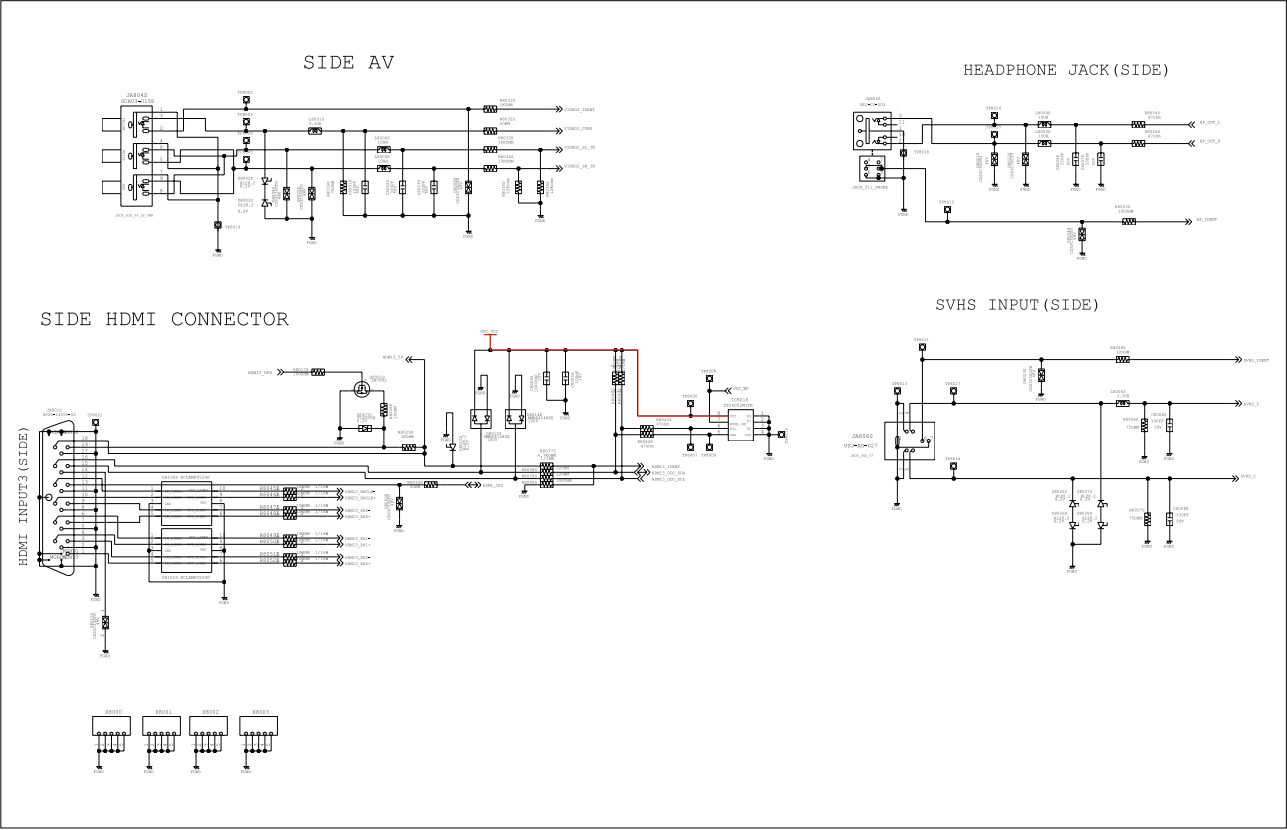
7-2-6. DVI SOUND INPUT



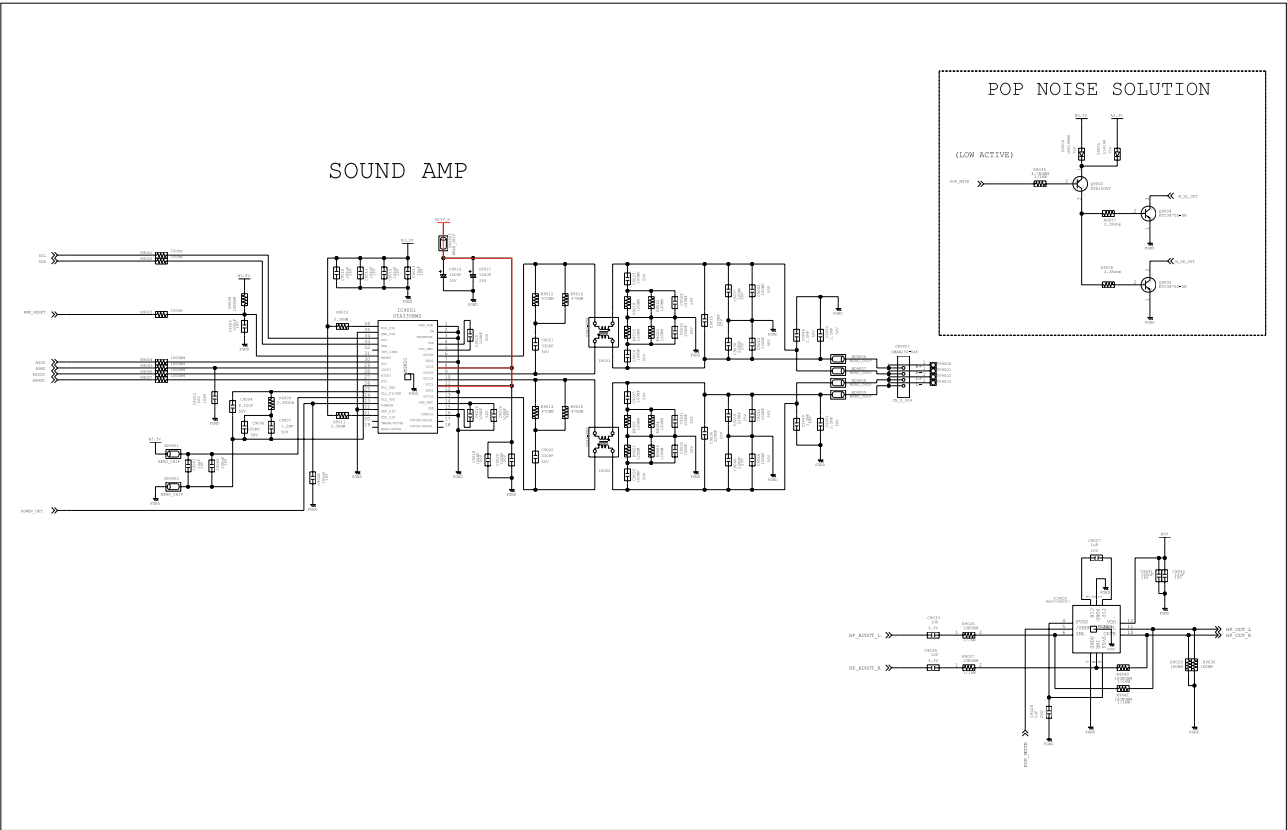
7-2-7. HDMI INPUT



7-2-8. SIDE HDMI CONNECTOR



7-2-9. SOUND AMP



Memo