



# LCD-TV

Chassis : GPR40MUS  
GPR46MUS  
GPR52MUS

Model : LN40A530P1FXZA  
LN46A530P1FXZA  
LN52A530P1FXZA

# *SERVICE* Manual

## TFT-LCD TV



LN46A530P1FXZA

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1. Precautions
2. Product specifications
3. Disassembly and Reassembly
4. Troubleshooting
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**GSPN (Global Service Partner Network)**

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

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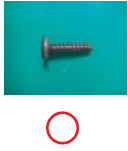

## 3. Disassembly and Reassemble

This section of the service manual describes the disassembly and reassembly procedures for the LNT\*\*81F LCD TV.

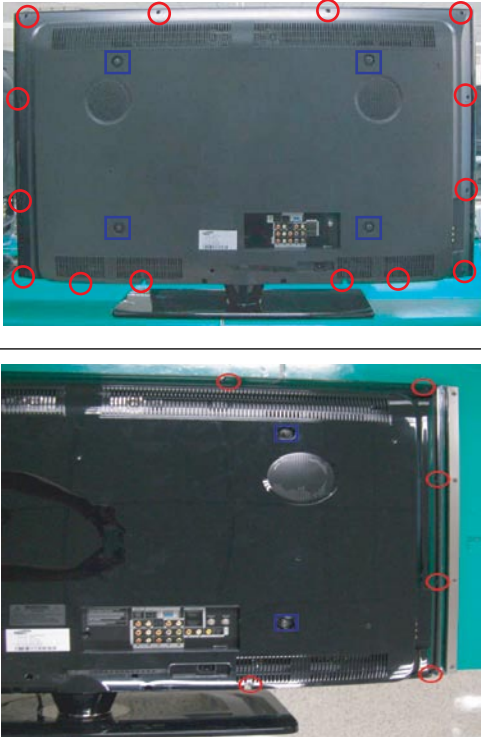
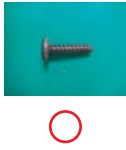
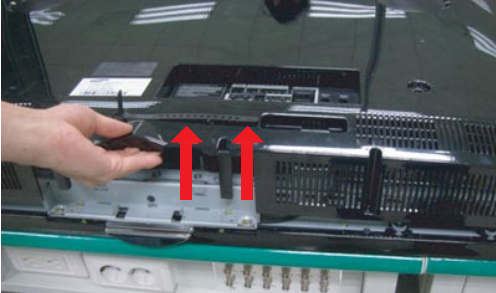

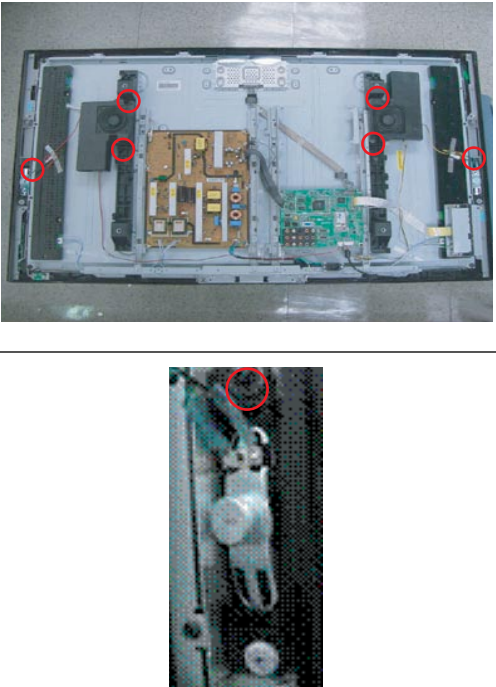
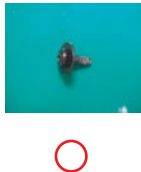
**⚠ WARNING:** This monitor contains electrostatically sensitive devices. Use caution when handling these components.

### 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.

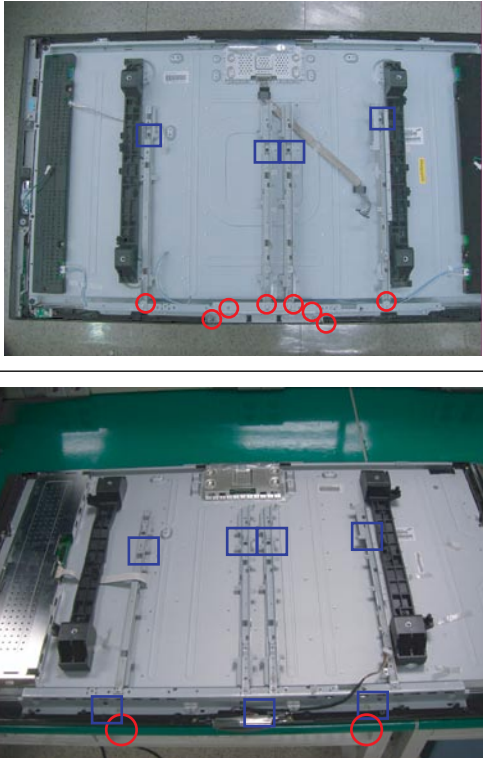
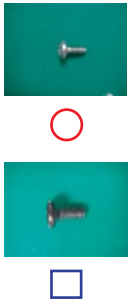
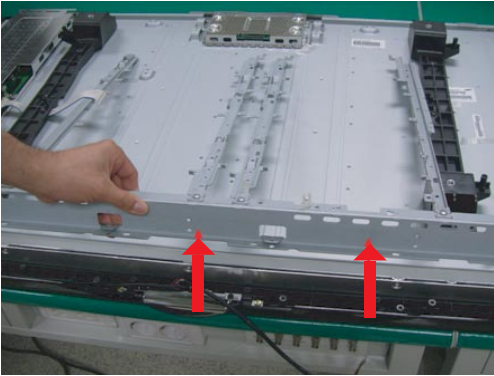
Description	Picture Description	Screws
1. Place monitor face down on cushioned table. Remove 4 screws from the Stand. Remove stand.		
		
		

3. Disassembly and Reassemble


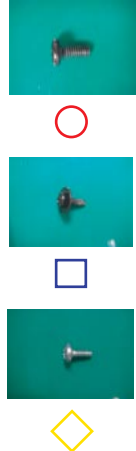
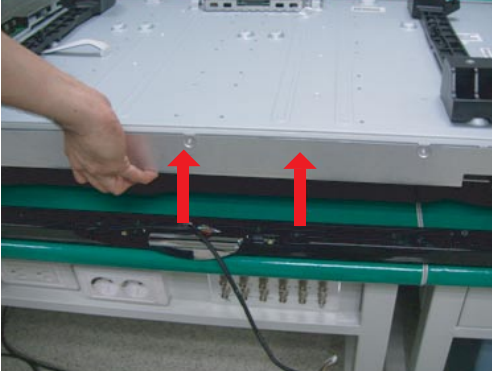
Description	Picture Description	Screws
<p>2. Remove the 12 screws of rear-cover. Remove the 4 screws of rear-cover.</p>		
<p>3. Lift up the rear-cover.</p>		
<p>4. Remove the 4 screws of left woofer and right woofer. Remove the 2 screws of left and right speaker. (Just remove upper screw point - see the picture)</p>		

Description	Picture Description	Screws
<p>5. Remove the 4 screws of main board and 6screws of IP board. Remove the 2 screws of AC inlet and Side HDMI AV Assy.</p>	 	  
<p>6. Side-AV Assy is include only 46" model. Other model's Main board are on-board type(Not include Side-AV Assy)</p>	 	

3. Disassembly and Reassemble

Description	Picture Description	Screws
<p>7. Remove the 4 screws of stand BKLT. Remove the 7 screws of panel BKLT.</p>	 <p>The top photograph shows the back of the device with four screws at the bottom corners highlighted by red circles and three screws in the center highlighted by blue squares. The bottom photograph shows the back of the device with four screws at the bottom corners highlighted by red circles and three screws in the center highlighted by blue squares.</p>	 <p>The top image shows a screw with a red circle around its head. The middle image shows a screw with a blue square around its head. The bottom image shows a blue square symbol.</p>
<p>8. Lift up the panel's BKLT.</p>	 <p>The photograph shows a hand lifting the bottom edge of the panel. Two red arrows point upwards from the bottom edge of the panel, indicating the direction of movement.</p>	



Description	Picture Description	Screws
<p>9. Remove the 12 screws of panel's BKLT and lift up panel.</p>		
		

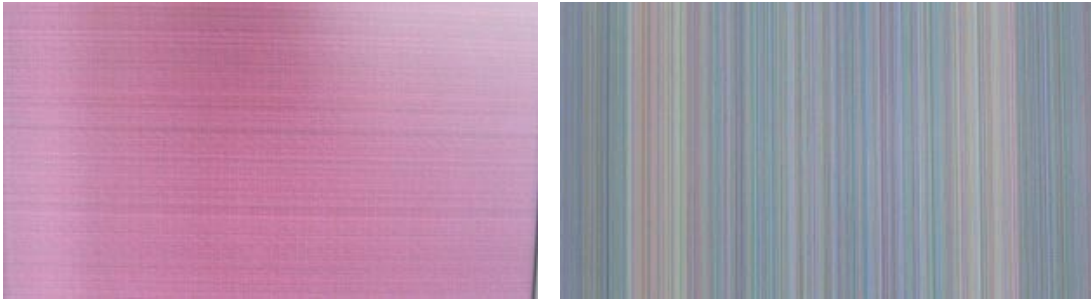
※ Reassembly procedures are in the reverse order of disassembly procedures.



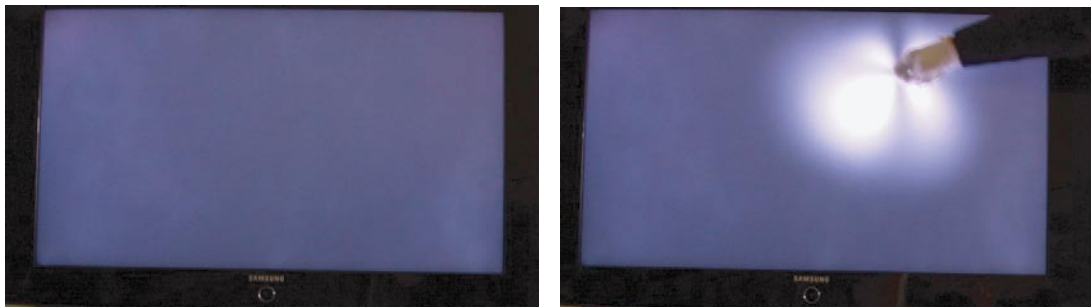
## 3-2. LCD TV SVC Guide for each symptom

### 3-2-1 T-Con Board Problem

- Symptom 1 : Abnormal Picture

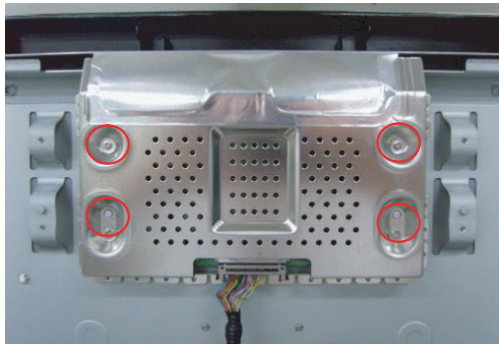





- Symptom 2 : No Picture [No Display but the BLU(Back Light Unit) is on]



It is easy to check if the BLU is on or off.  
If you can see the light as above picture when you push the screen, the BLU is on.

- How to replace the T-Con Board

	
1. Remove 4 screws	2. Bend back the shield case and remove the LVDS cable
	
3. Remove 2 Cables from T-Con	4. Replace the defective Board with new one

### 3-2-2 T-Con Board SVC Parts Code for each Model

From now, it is possible to service T-Con Board regarding some models used the Samsung panel

Exel Sheet "Part Code" : T-Con Board Part Code for each Model

Exel Sheet "SVC Guide" : T-Con Board defect list

Exel Sheet "GSPN" : How to order T-Con Board on GSPN system

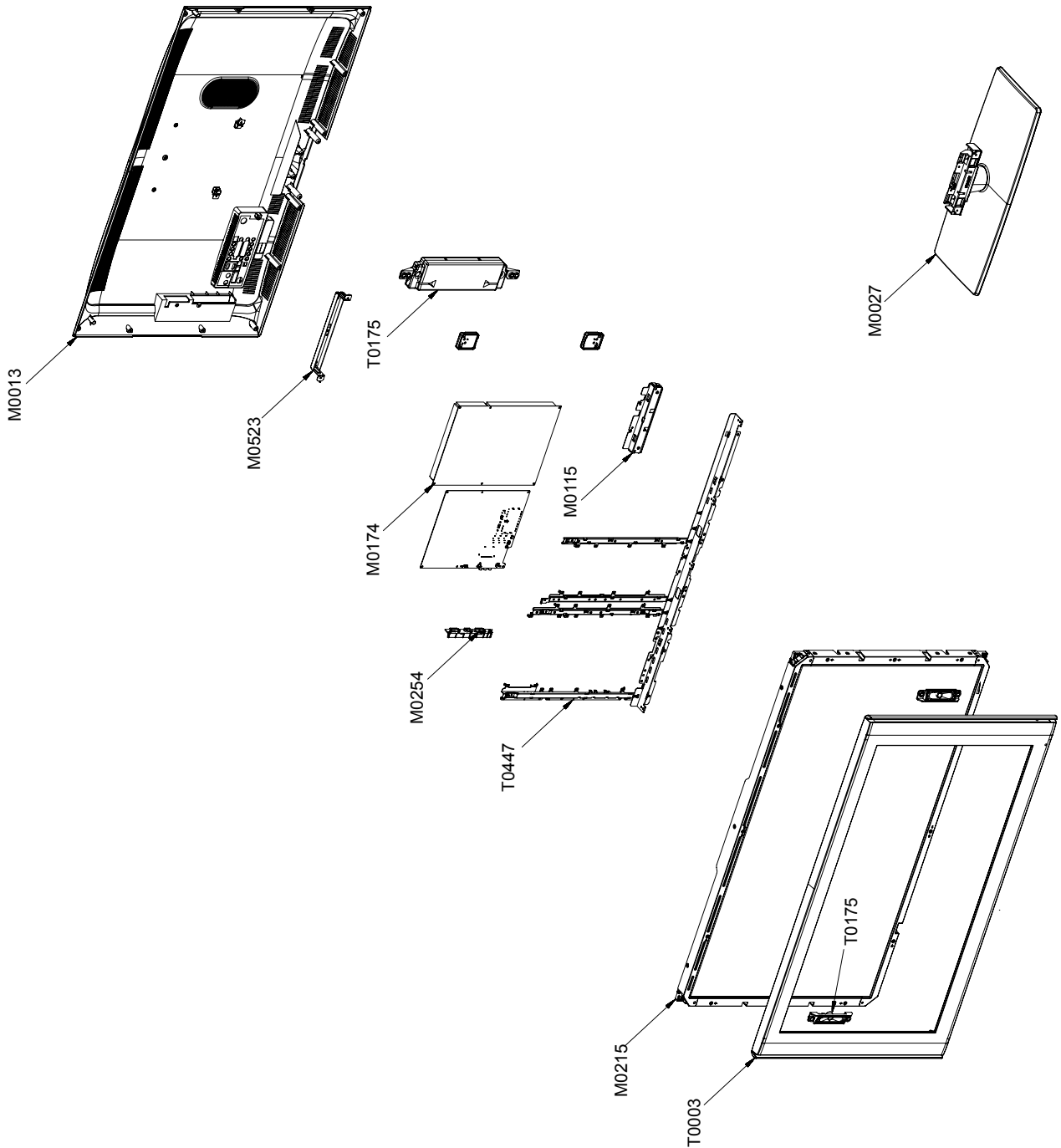
Project	Model Code	Side Label	Panel Code	T-Con code	Remark
Bordeaux	LNS3251DX	SG05	BN07-00368A	BN81-01301A	2006 Product
Milano3	LNS4692DX	SP01	BN07-00282A	BN81-01286A	2006 Product
Bordeaux-Plus	LNT3253HX	SP01, SP02	BN07-00385A	BN81-01299A	2007 Product
		SN03, SN04	BN07-00453A	BN81-01298A	2007 Product
		SQ05, SQ06	BN07-00482A	BN81-01300A	2007 Product
	LNT4053HX	SQ01, SQ02	BN07-00387A	BN81-01306A	2007 Product
		SN03, SN04	BN07-00451A	BN81-01325A	2007 Product
		SS05, SS06	BN07-00489A	BN81-01307A	2007 Product
	LNT4066FX	SQ01, SQ02	BN07-00383A	BN81-01305A	2007 Product
		SX05, SX06	BN07-00483A	BN81-01304A	2007 Product
	Bordeaux2	LNT325HAX	SH04	BN07-00453A	BN81-01298A
SQ05, SQ06			BN07-00482A	BN81-01300A	2007 Product
LNT405HAX		SN03, SN04	BN07-00451A	BN81-01325A	2007 Product
		SQ07, SQ08	BN07-00489A	BN81-01307A	2007 Product
Sonoma2	LNT3232HX	SH05, SH06	BN07-00453A	BN81-01298A	2007 Product
		SQ07, SQ08	BN07-00482A	BN81-01300A	2007 Product
Jasmine	LNT3242HX	SP07, SP08	BN07-00385A	BN81-01299A	2007 Product
		SH10, SH11, SH12	BN07-00453A	BN81-01298A	2007 Product
		SQ14, SQ15, SQ16	BN07-00482A	BN81-01300A	2007 Product
	LNT4042HX	SP01, SP02, SP05	BN07-00387A	BN81-01306A	2007 Product
		SH06, SH07	BN07-00451A	BN81-01325A	2007 Product
		SQ10, SQ11	BN07-00489A	BN81-01307A	2007 Product
	LNT4642HX	SP01, SP03	BN07-00389A	BN81-01319A	2007 Product
		SN04, SN05	BN07-00452A	BN81-01320A	2007 Product
	Tulip-Bottom	LNT4061FX	SS03, SS04	BN07-00409A	BN81-01302A
SX07, SX08			BN07-00485A	BN81-01303A	2007 Product
LNT4661FX		SS03, SS04	BN07-00410A	BN81-01312A	2007 Product
		SX07, SX08	BN07-00506A	BN81-01308A	2007 Product
Tulip-Side	LNT4065FX	SX05, SX06, SX07, SX08	BN07-00483A	BN81-01304A	2007 Product
	LNT4665FX	SS03, SS04	BN07-00457A	BN81-01315A	2007 Product
		SX05, SX06	BN07-00481A	BN81-01314A	2007 Product
Peony	LNT4071FX	SQ01	BN07-00286A	BN81-01281A	2007 Product
		SS02, SS03	BN07-00475A	BN81-01281A	2007 Product
	LNT4671FX	SQ01	BN07-00441A	BN81-01282A	2007 Product
		SS02, SS03	BN07-00476A	BN81-01282A	2007 Product
	LNT5271FX	SQ01	BN07-00447A	BN81-01284A	2007 Product
		SS02, SS03	BN07-00484A	BN81-01285A	2007 Product
Peony2	LNT4096FX	SQ01, SQ02	BN07-00477A	BN81-01324A	2007 Product
	LNT4696FX	SQ01, SQ02	BN07-00478A	BN81-01283A	2007 Product

3. Disassembly and Reassemble

Project	Model Code	Side Label	Panel Code	T-Con code	Remark
Bordeaux	LNS2651DX	SG03, SG04	BN07-00367A	BN81-01686A	2006 Product
	LNS2651HDX	SG03	BN07-00367A	BN81-01686A	2006 Product
	LNS2652DX	SG03, SG04	BN07-00367A	BN81-01686A	2006 Product
Firenze	LNS5797DX	SP01	BN07-00196A	BN81-01703A	2006 Product
Rose	LNT4081FX	SN01	BN07-00442A	BN81-01691A	2007 Product
	LNT4681FX	SN01	BN07-00443A	BN81-01695A	2007 Product
	LNT5281FX	SN01	BN07-00444A	BN81-01698A	2007 Product
	LNT5781FX	SQ01	BN07-00450A	BN81-01706A	2007 Product
	LNT7081FX	SQ01	BN07-00356A	BN81-01704A	2007 Product
Tulip	LNT5265FX	SS03, SS05	BN07-00466A	BN81-01699A	2007 Product
Jade	LN40A330J1D	SQ01	BN07-00523A	BN81-01692A	2008 Product
Coral	LN32A450C1D	SQ01	BN07-00453A	BN81-01688A	2008 Product
		SS02	BN07-00482A	BN81-01692A	2008 Product
	LN32A450C1H	SQ01	BN07-00521A	BN81-01688A	2008 Product
	LN40A450C1H	SQ01	BN07-00523A	BN81-01692A	2008 Product
Pearl	LN32A550P1F	SQ01	BN07-00520A	BN81-01689A	2008 Product
	LN32A550P3F	SQ01	BN07-00520A	BN81-01689A	2008 Product
	LN40A530P1F	SQ01	BN07-00525A	BN81-01693A	2008 Product
	LN40A550P3F	SQ01, SQ02	BN07-00525A	BN81-01693A	2008 Product
	LN40A550P1F	SQ01	BN07-00525A	BN81-01693A	2008 Product
	LN46A530P1F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN46A550P1F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN46A550P3F	SQ01	BN07-00518A	BN81-01696A	2008 Product
	LN52A530P1F	SQ01	BN07-00522A	BN81-01701A	2008 Product
	LN52A550P1F	SQ01	BN07-00522A	BN81-01701A	2008 Product
	LN52A550P3F	SQ01, SQ02	BN07-00522A	BN81-01701A	2008 Product
Amber	LN32A650A1F	SQ01	BN07-00537A	BN81-01690A	2008 Product
	LN40A650A1F	SQ01	BN07-00529A	BN81-01694A	2008 Product
	LN46A650A1F	SQ01	BN07-00530A	BN81-01697A	2008 Product
	LN52A650A1F	SQ01	BN07-00531A	BN81-01702A	2008 Product
Ruby	LN40A750R1F	SQ01	BN07-00529A	BN81-01694A	2008 Product
	LN46A750R1F	SQ01	BN07-00530A	BN81-01697A	2008 Product
	LN52A750R1F	SQ01	BN07-00531A	BN81-01702A	2008 Product

## 5. Exploded View & Part List

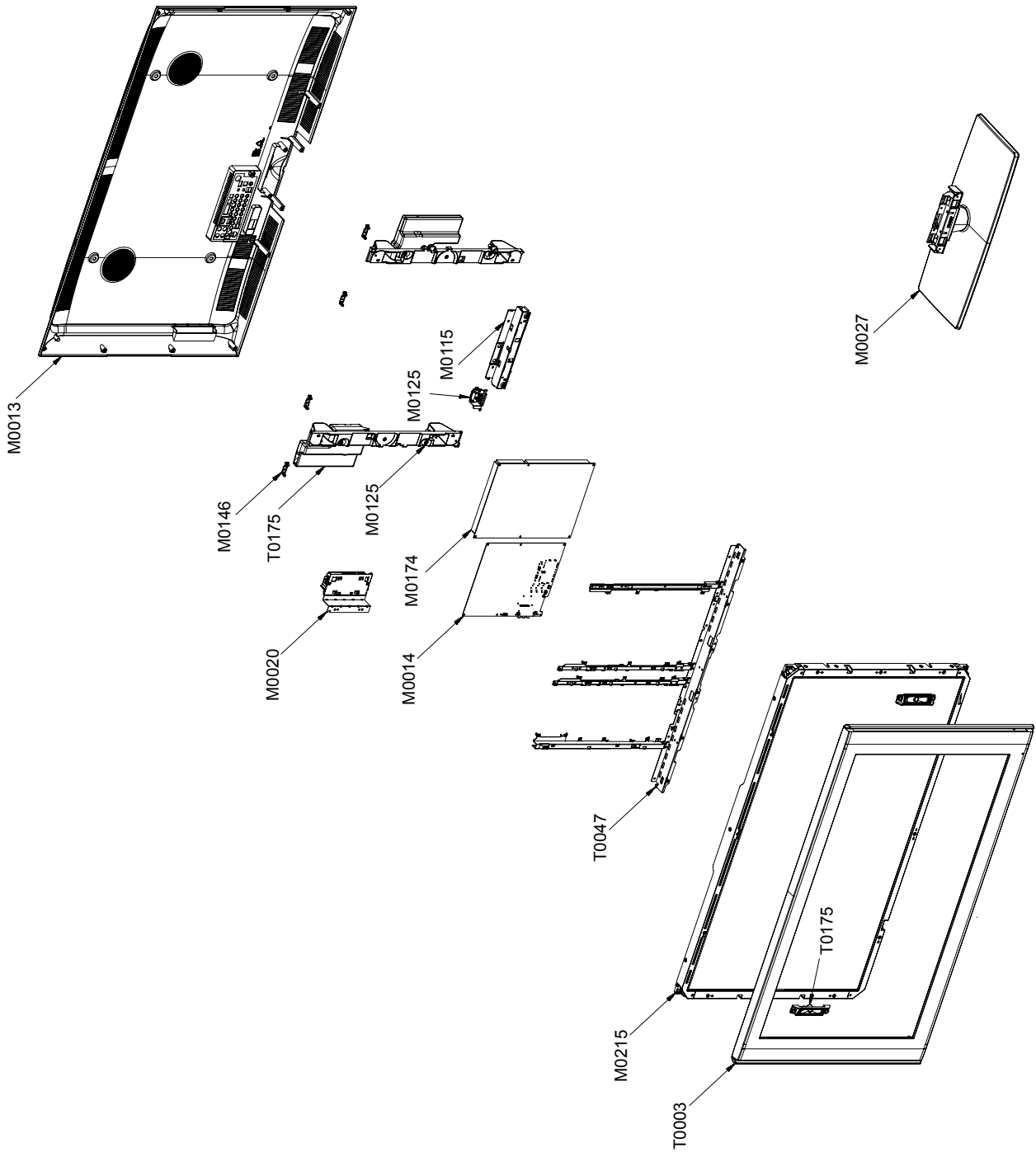
### 5-1. LN40A530P1FXZA Exploded View



**5-1-2. LN40A530P1FXZA Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-06708A	ASSY COVER P-FRONT;L550-1 40Inch,SEA,PC,	1	S.A	
T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	
M0215	BN07-00525A	LCD-PANEL;LTF400HA01,40"FHD,8bit,40inch,	1	S.A	
T0447	BN96-06732A	ASSY BRACKET P-PANEL;L550 40Inch	1	S.N.A	
M0115	BN61-03337A	BRACKET-STAND LINK;40 PEONY,SECC,T1.6	1	S.A	
M0254	BN61-02952C	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
M0174	BN44-00197A	IP BOARD;SIP408A,PEARL,15mA,130mA,150Hz,	1	S.A	
H/SPK	BN61-03439A	HOLDER-SPEAKER;PEONY-ROSE 40 WOOFER,ABS	1	S.N.A	
H/SPK	BN61-03439B	HOLDER-SPEAKER;PEONY-ROSE 40 WOOFER,ABS	1	S.N.A	
T0175	BN96-06820B	ASSY SPEAKER P;8ohm,PEARL,LCD 37"/40",10	1	S.A	
M0523	BN96-06289B	ASSY BRACKET P-WALL;- ,PEONY40,- ,SECC,-,-	1	S.N.A	
M0013	BN96-05955G	ASSY COVER P-REAR;L550 40Inch,UO,HIPS V0	1	S.A	
M0027	BN96-06738A	ASSY STAND P-BASE;L550 40Inch,ABS+PMMA,H	1	S.A	

## 5-2. LN46A530P1FXZA Exploded View



**5-2-1.LN46A530P1FXZA Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-06710A	ASSY COVER P-FRONT;PEARL 46",SEA,PC,V0,B	1	S.A	
T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	
M0215	BN07-00518A	LCD-PANEL;LTF460HA01,8bit,46inch,16.7M,1	1	S.A	
T0447	BN96-05878A	ASSY BRACKET P-PANEL;-PEONY,46,-,SECC,-	1	S.N.A	
M0174	BN44-00202A	IP BOARD;IP-271135A,PEARL,15mA,116mA,150	1	S.A	
M0020	BN96-06418H	ASSY BOARD P-SIDE HDMI AV;LN46A550P1FXZA	1	S.N.A	
M0146	BN61-03415A	BRACKET-PANEL TOP;PEONY 46,SECC T1.2	4	S.N.A	
T0175	BN96-06821A	ASSY SPEAKER P;8ohm,PEARL,LCD 46",10W,4p	1	S.A	
M0125	BN61-03765A	HOLDER-WALL;46 PEARL,ABS HB,BK500	1	S.N.A	
M0125	BN96-05490A	ASSY INLET P;LE52M87BDX,XEC,300,300,150m	1	S.A	
M0115	BN61-03336A	BRACKET-STAND LINK;46 PEONY,SECC,T1.6	1	S.N.A	
M0013	BN96-05895H	ASSY COVER P-REAR;L550 46Inch,UO,HIPS V0	1	S.A	
M0027	BN96-06740A	ASSY STAND P-BASE;L550 46Inch,ABS+PMMA,H	1	S.A	





**5-3-1. LN52A530P1FXZA Parts List**

Location No.	Code No.	Description & Specification	Q'ty	S.A/S.N.A	Remark
T0003	BN96-06712A	ASSY COVER P-FRONT;L550-1 52Inch,SEA,PC,	1	S.A	
T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	
M0215	BN07-00522A	LCD-PANEL;LTF520HB01,8bit,52inch,1.67M,1	1	S.A	
T0447	BN96-06734A	ASSY BRACKET P-PANEL;L550 52Inch	1	S.N.A	
M0254	BN61-02952C	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
M0125	BN96-05490A	ASSY INLET P;LE52M87BDX,XEC,300,300,150m	1	S.A	
M0115	BN61-03336A	BRACKET-STAND LINK;46 PEONY,SECC,T1.6	1	S.N.A	
T0175	BN96-06821B	ASSY SPEAKER P;8ohm,PEARL,LCD 52",10W,4p	1	S.A	
M0146	BN61-03414A	BRACKET-PANEL TOP;PEONY52,SECC T1.2	6	S.N.A	
M0412	BN96-06735A	ASSY BRACKET P-PCB;L550 52Inch,UO,SECC T	1	S.N.A	
M0014	BN94-01628D	ASSY PCB MAIN;LN52A550P1FXZA,N43A	1	S.A	
M0174	BN44-00200A	IP BOARD;IP-361135A,PEARL,15mA,116mA,150	1	S.A	
M0013	BN96-06717A	ASSY COVER P-REAR;L550-2 52Inch,SEA,HIPS	1	S.A	
M0027	BN96-06742A	ASSY STAND P-BASE;L550 52Inch,ABS+PMMA,H	1	S.A	

## 5-4. LN40A530P1FXZA Parts List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN40A530P1FXZA	LN40A550P1F,N43A/40AP1-GPR,40,LCD-TV,UNI			
0.1	M0001	BN90-01457A	ASSY COVER FRONT;L550-1 40Inch	1	S.N.A	
..2	T0003	BN96-06708A	ASSY COVER P-FRONT;L550-1 40Inch,SEA,PC,	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	B/TAPE	BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.53	S.N.A	
...3	BOSS/T	BN61-03261D	BOSS-TAPE;PEONY ROSE,TAPE,1.1,6,GRAY,DOU	0.17	S.N.A	
...3	FELT	BN63-01925A	FELT-VIBRATION;42D5,FELT,T0.35,10,370	2	S.N.A	
...3	CCM1	BN63-02183H	COVER-SHEET;Rhcm,PE Vinyl,T0.05,1300mm,2	0.7	S.N.A	
...3	M0112	BN63-03771K	COVER-FRONT;PEARL 40",PC,-,-,-,V0,SEA,BK	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	A/HBOSS	BN96-05956A	ASSY HOLDER P-BOSS;PEONY 40F8,HIPS V0,BK	1	S.N.A	
...4	B/TAPE	BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.53	S.N.A	
...4	BOSS/T	BN61-03261D	BOSS-TAPE;PEONY ROSE,TAPE,1.1,6,GRAY,DOU	0.17	S.N.A	
...4	H/BOSS	BN61-03333A	HOLDER-BOSS BOTTOM;40 PEONY,HIPS V0,BLK	1	S.N.A	
...3	M0025	BN96-06721A	ASSY DECORATION P;L550-1 40Inch,UO,ABS+P	2	S.N.A	
...4	DECO/IN	BN64-00765A	DECORATION-IN;DECORATION-IN 40,ABS HB ,	1	S.N.A	
...4	DECO/OUT	BN64-00769A	DECORATION-OUT;DECORATION-OUT 40,ABS PMM	1	S.N.A	
...3	A/FUNCTION	BN96-06921C	ASSY BOARD P-FUNCTION & IR 900;LN37A550P	1	S.A	
...3	T0527	BN64-00683A	GRILLE-SPEAKER;ROSE 40,PET,T0.25,BLK	2	S.N.A	
0.1	M0002	BN90-01467A	ASSY COVER REAR;L550-1 40Inch	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	1	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	13	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,-,B,M3,L6,ZPC(BLK),SWRC	1	S.A	
..2	M0013	BN96-05955G	ASSY COVER P-REAR;L550 40Inch,UO,HIPS V0	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
...3	T0069	AA60-00171V	SPACER-FELT;BE46PS,FELT,500,T0.35,10	2	S.N.A	
...3	T0101	BN61-03348A	BRACKET-WALL;LCD TV 32,SECC T1.2,-,-,-,-	2	S.N.A	
...3	M0006	BN63-03773D	COVER-REAR;PEARL 40",HIPS,V0,SEA,BK500	1	S.N.A	
...3	T0071	BN64-00815A	INLAY-TERMINAL;L550,40PEARL,PS SHEET,T0.	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01477A	ASSY STAND;L550-1 40Inch	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
..2	M0027	BN96-06738A	ASSY STAND P-BASE;L550 40Inch,ABS+PMMA,H	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	6	S.A	
...3	H/SR	BN61-02247A	HOLDER-SWIVEL RING;40R71,ACETAL,BLK	1	S.N.A	
...3	H/SRTOP	BN61-02248A	HOLDER-SWIVEL RING;40R71,ACETAL NATUAL,T	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	B/SBOTTOM	BN61-03715A	BRACKET-STAND BOTTOM;BRACKET-STAND-BOTTO	1	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.4	S.N.A	
...3	C/SSUB	BN63-03667A	COVER-STAND SUB;40 PEONY,ABS,-,-,-,V0(NT	1	S.N.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	T0004	BN63-04200A	COVER-STAND BASE;COVER-STAND-BASE 37,ABS	1	S.N.A	
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5	6	S.N.A	
...3	A/STAND	BN96-06347A	ASSY STAND P-GUIDE;40",ABS;V0(NT),BLK,P	1	S.N.A	
....4	T0920	BN61-03334A	GUIDE-STAND;40 PEONY,ABS V0(NT),-,-,-,BL	1	S.N.A	
....4	M0523	BN96-06323A	ASSY BRACKET P-SUPPORT STAND;-PEONY40,-	1	S.N.A	
....5	T0514	BN61-03440A	BRACKET-SUPPORT;ROSE-PEONY 40,SECC,T2.0,	2	S.N.A	
0.1	M0017	BN91-01960E	ASSY CHASSIS;LN40A550P1FXZA,N43A	1	S.N.A	
.2	M0014	BN94-01628E	ASSY PCB MAIN-AMLCD VE;LN40A550P1FXZA,N4	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA901B	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A	
...3	CN1000	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	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	CN901B	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	S.A	
...3	JA333	3722-002543	JACK-PIN;3P,Sn,RED/WHT/YEL,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	T0066	BN62-00003A	HEAT SINK-ES;NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A	
...3	T0174	BN97-01985E	ASSY SMD;LN40A550P1FXZA,N43A	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	2.624	S.N.A	
....4	D103	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D104	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D1000	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1015	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D202	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D203	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D210	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D211	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D212	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D215	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D300	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D908	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D909	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1201	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1202	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D206	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D207	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D208	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D209	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D213	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D214	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	D204	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D205	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D216	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D1003	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D1022	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D911	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D915	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D1007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D1008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D1009	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D1010	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D801	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D802	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D803	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D805	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D806	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D807	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D810	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D811	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D812	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D813	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D814	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D815	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D905B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D906B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D909B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D910B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D911B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D912B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
....4	D301	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
....4	D1004	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D1005	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D1011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D1012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D1025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D1026	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D1037	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D1038	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D800	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D804	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D808	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D809	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D816	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D817	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D818	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D819	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D820	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	D821	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D822	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D900B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D901B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D902B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D903B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D904B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D907	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D907B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D908B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D910	0406-001200	DIODE-TV;RCLAMP0504F,6/-/V,150W,SC-70	1	S.N.A	
...4	D1028	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
...4	D1029	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
...4	D1031	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
...4	D1041	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
...4	D920	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
...4	D921	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
...4	D217	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
...4	D218	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
...4	D219	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
...4	Q1	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q100L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q101L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q1100L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q1202	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q1203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q2	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q200	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q205	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q300	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
...4	Q500	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,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	IC104	0801-002780	IC-CMOS LOGIC;74LVC1G17,SCHMITT-TRIGGER	1	S.A	
...4	IC203	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A	
...4	IC107	1002-001482	IC-D/A CONVERTER;WM8521H9GED/R,16bit,SOI	1	S.A	
...4	IC800	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
...4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
...4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
...4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
...4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
...4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
...4	IC113	1105-001829	IC-DRAM;HYB18TC512160BF,DDR2,512Mbit,32M	1	S.A	
...4	IC113	1105-001829	IC-DRAM;HYB18TC512160BF,DDR2,512Mbit,32M	1	S.A	
...4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
...4	T0085	1201-002487	IC-AUDIO AMP;MAX9728A,QFN,12P,3x3mm,DUAL	1	S.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	T0124	1201-002678	IC-POWER AMP;STA335BWS,PSSO,36P,10.3x7.5	1	S.A	
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A	
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002351	IC-POSI.FIXED REG.;LF25C,DPAK,3P,240MIL,	1	S.A	
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	T0087	1203-003121	IC-POSI.FIXED REG.;FAN1112,SOT-223,3P,6.	1	S.A	
....4	IC901	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A	
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A	
....4	IC200	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC201	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	T0170	1203-004868	IC-SWITCH VOL. REG.;MP2363,SOIC,8P,4.9x3	1	S.A	
....4	T0170	1203-004868	IC-SWITCH VOL. REG.;MP2363,SOIC,8P,4.9x3	1	S.A	
....4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.N.A	
....4	IC400	1204-002786	IC-DECODER;MT5382P,BGA,465P,27x27mm,PLAS	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A	





















## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000450	R-CHIP;180ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000695	R-CHIP;3.3ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000695	R-CHIP;3.3ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-000965	R-CHIP;5.1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001313	R-CHIP;330ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-001313	R-CHIP;330ohm,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	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,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	2007-007142	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	2007-007142	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	2007-007142	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	2007-007142	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	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007316	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	2007-007334	R-CHIP;200Kohm,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	RA501	2011-000002	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,32	1	S.A	
...4	RA502	2011-000002	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,32	1	S.A	
...4	RA1100	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
...4	RA1101	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
...4	RA1102	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
...4	RA900B	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
...4	RA901B	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
...4	RA902B	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	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	
...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	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	





















## 5. Exploded View &amp; Part List

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	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001145	BEAD-SMD;60ohm,4516,TP,70ohm/45MHz,82ohm	1	S.N.A	
....4	T0568	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	S.N.A	
....4	T0568	3301-001236	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	3301-001236	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	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA1000	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA1002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN330	3711-005925	HEADER-BOARD TO CABLE;BOX,51P,1R,0.5mm,S	1	S.N.A	
....4	CN330	3711-006374	HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm,	1	S.A	
....4	L100	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A	
....4	L101	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A	
....4	T0077	BN41-00975A	PCB MAIN;Pearl,FR-4,4,1.2,192*158	1	S.N.A	
....4	M0018	BN97-01990A	ASSY MICOM;T-PRLAUSM-XXXX,N43A,2007.10.2	1	S.N.A	
....5	IC520	0903-001485	IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR,	1	S.N.A	
....4	M0018	BN97-01990B	ASSY MICOM;T-PRLAUSC-XXXX,N43A,2007.10.2	1	S.N.A	
....5	IC115	1107-001341	IC-FLASH MEMORY;K9F1G08U0,1Gbit,128Mx8,T	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	M0107	BN61-03858A	BRACKET-PCB;L450,BRASS(H62Y),T0.4,5mm,7m	1	S.N.A	
...4	Q1201	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
...4	Q409	0505-002169	FET-SILICON;Si4435BDY-T1-E3,P,-30V,-9.1A	1	S.N.A	
...4	T0087	1203-002835	IC-POSI.FIXED REG.;KIA7805AF,DPAK,3P,6.6	1	S.A	
...4	C120	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	S.A	
...3	CN904C	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	
0.1	A/LCD	BN91-01964E	ASSY LCD-AMLCD;LN40A550P1FX/*, LTA320WT-	1	S.N.A	
..2	M0215	BN07-00525A	LCD-PANEL;LTF400HA01,40"FH,8bit,40inch,	1	S.A	
0.1	A/SHIELD	BN91-01969A	ASSY SHIELD-SQE;LN40A550P1FXZA	1	S.N.A	
..2	T0081	6001-001920	SCREW-MACHINE;PH,+,WWP,M5,L12,NI PLT,SWR	4	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,M4,L16,ZPC(BLK)	2	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	3	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	6	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	2	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	2	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	2	S.N.A	
..2	T0562	6046-001013	STAND OFF;M3,L5,NI PLT,SUM24L,#4-40	2	S.N.A	
..2	M2893	BN39-00674A	LEAD CONNECTOR;LNR469DX/XAA,UL1007#26,5P	1	S.A	
..2	M2893	BN39-00802F	LEAD CONNECTOR;LE46S86BDX,UL1007#26,24PI	1	S.A	
..2	M2893	BN39-01021A	LEAD CONNECTOR;LN46A550P,UL1007#26,2pin,	1	S.A	
..2	M0174	BN44-00197A	IP BOARD;SIP408A,PEARL,15mA,130mA,150Hz,	1	S.A	
..2	H/SPK	BN61-03439A	HOLDER-SPEAKER;PEONY-ROSE 40 WOOFER,ABS	1	S.N.A	
..2	M0125	BN96-04817B	ASSY INLET P;LNT4081FX,XAA,250mm,250mm,-	1	S.A	
..2	T0444	BN96-06286A	ASSY BRACKET P-STAND LINK;-PEONY40,-,SE	1	S.A	
...3	T0069	AA60-00091G	SPACER-FELT;-FELT,200X10,-,BLK,T0.5,-	1	S.N.A	
...3	M0115	BN61-03337A	BRACKET-STAND LINK;40 PEONY,SECC,T1.6	1	S.A	
..2	M0523	BN96-06289B	ASSY BRACKET P-WALL;-PEONY40,-,SECC,-,-	1	S.N.A	
...3	T0069	AA63-60122Q	SPACER-FELT;P3,FELT,L65,,,,T0.5,D30,	2	S.N.A	
...3	T0101	BN61-03383B	BRACKET-WALL;PEONY 40,SECC T1.2	1	S.N.A	
..2	T0447	BN96-06732A	ASSY BRACKET P-PANEL;L550 40Inch	1	S.N.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+,S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	B/GPOWER	BN61-03930A	BRACKET-GUIDE POWER;MIDDLE,40L550,PEARL,	1	S.N.A	
...3	B/PBOTTOM	BN61-03339B	BRACKET-PANEL BOTTOM;PEONY 40,SECC,T1.2	1	S.N.A	
...3	B/GMAIN	BN61-03384B	BRACKET-GUIDE MAIN;PEONY 40,SECC T1.2	1	S.N.A	
...3	B/GPRIGHT	BN61-03391B	BRACKET-GUIDE POWER;PEONY 40,SECC T1.2,R	1	S.N.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...3	B/PRLEFT	BN61-03392B	BRACKET-GUIDE POWER;PEONY 40,SECC T1.2,L	1	S.N.A	
...3	M0131	BN63-03917A	GASKET;LE40F86BDX,Conductive Fabric,12,1	1	S.N.A	
...3	M0131	BN63-03918A	GASKET;LE40F86BDX,Conductive Fabric,12,1	2	S.N.A	
...3	M0131	BN63-03919A	GASKET;LE40F86BDX,Conductive Fabric,12,1	1	S.N.A	
.2	T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	
.2	M0254	BN61-02875D	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
.2	LVDS	BN96-07161C	ASSY CABLE P-FLAT LVDS;LN32A550P1FXZA,FF	1	S.A	
.2		BN61-03439B	HOLDER-SPEAKER;PEONY-ROSE 40 WOOFER,ABS	1	S.N.A	
.2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	3	S.N.A	
.2	T0175	BN96-06820B	ASSY SPEAKER P;8ohm,PEARL,LCD 37"/40",10	1	S.A	
.2	M2893	BN39-00830C	LEAD CONNECTOR;LN40A450C1D,UL3443 #28,7P	1	S.A	
0.1	M0003	BN92-03136A	ASSY BOX;L550-1 40Inch	1	S.N.A	
.2	B/IN	BN69-02312A	BOX-SET, IN;L550-40,CB,C-03,W694,L1578	1	S.N.A	
.2	B/OUT	BN69-02313A	BOX-SET, OUT;L550-40,CB,C-03,H773,W305,L	1.02	S.N.A	
0.1	M0113	BN92-03146A	ASSY P/MATERIAL;L550-1 40Inch	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	4.56	S.N.A	
.2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A	
0.1	M0045	BN92-03189E	ASSY ACCESSORY;LN40A550P1FXZA	1	S.N.A	
.2	M0045	BN96-06918A	ASSY ACCESSORY;LN40A550P1FXZA	1	S.A	
...3	T0121	3301-001110	CORE-FERRITE;ZZ,35x19.5x9.0mm,-,-	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A	
...3	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	BN59-00673A	REMOCON;PEARL,TM96A,49,USA,SAMSUNG,TOOLS	1	S.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0511	BN68-01392A	MANUAL USERS;COMM,SAMSUNG,Eng/Spa,N.Amer	1	S.N.A	
...3	REV 00	BN68-01393A	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer	1	S.N.A	
...3	T0531	BN63-04352A	COVER-BOTTOM;COVER-BOTTOM 550-1 40,HIPS	1	S.A	
0.1	M0019	BN92-03192D	ASSY LABEL;LN52A550P1FXZA	1	S.N.A	
...4	C128	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A	



**5-5. LN46A550P1FXZA Parts List**

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN46A550P1FXZA	LN46A550P1F,N43A/46AP1-GPR,46,LCD-TV,UNI			
0.1	M0001	BN90-01458A	ASSY COVER FRONT;L550-1 46Inch	1	S.N.A	
..2	T0003	BN96-06710A	ASSY COVER P-FRONT;PEARL 46",SEA,PC,V0,B	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	T0069	AA60-00171V	SPACER-FELT;BE46PS,FELT,500,T0.35,10	2	S.N.A	
...3	B/TAPE	BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.72	S.N.A	
...3	BOSS/T	BN61-03261D	BOSS-TAPE;PEONY ROSE,TAPE,1.1,6,GRAY,DOU	0.17	S.N.A	
...3	CCM1	BN63-02183E	COVER-SHEET;Rhcm,PE Vinyl,T0.05,750mm,20	0.675	S.N.A	
...3	M0112	BN63-03786L	COVER-FRONT;PEARL 46",PC,-,-,V0,SEA,BK	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	T0527	BN64-00698A	GRILLE-SPEAKER;ROSE 46,PET,T0.25,BLK	2	S.N.A	
...3	A/HBOSS	BN96-05879A	ASSY HOLDER P-BOSS;PEONY,46,-,HIPS,V0,-,	1	S.N.A	
...4	B/TAPE	BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.72	S.N.A	
...4	BOSS/T	BN61-03261D	BOSS-TAPE;PEONY ROSE,TAPE,1.1,6,GRAY,DOU	0.17	S.N.A	
...4	H/BOSS	BN61-03340A	HOLDER-BOSS BOTTOM;46 PEONY,HIPS V0,BLK	1	S.N.A	
...3	M0025	BN96-06722A	ASSY DECORATION P;L550-1 46Inch,UO,ABS+P	2	S.N.A	
...4	DECO/IN	BN64-00770A	DECORATION-IN;DECORATION-IN 46,ABS HB ,	1	S.N.A	
...4	DECO/OUT	BN64-00771A	DECORATION-OUT;DECORATION-OUT 46,ABS PMM	1	S.N.A	
...3	C/FRONT	BN96-06921C	ASSY BOARD P-FUNCTION & IR 900;LN37A550P	1	S.A	
0.1	M0002	BN90-01468A	ASSY COVER REAR;L550-1 46Inch	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	12	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	C/REAR+H/W	6011-001610	BOLT-ETC;M8,L18,ZPC(BLK),SWRCH18A,WSP,PH	4	S.N.A	
..2	M0013	BN96-05895H	ASSY COVER P-REAR;L550 46Inch,UO,HIPS V0	1	S.A	
...3	T0069	AA60-00091G	SPACER-FELT;-FELT,200X10,-,-,BLK,T0.5,-	1	S.N.A	
...3	M0006	BN63-03787D	COVER-REAR;PEARL 46",HIPS,V0,BK500	1	S.N.A	
...3	T0071	BN64-00815A	INLAY-TERMINAL;L550,40PEARL,PS SHEET,T0.	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01478A	ASSY STAND;L550-1 46Inch	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
..2	M0027	BN96-06740A	ASSY STAND P-BASE;L550 46Inch,ABS+PMMA,H	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	6	S.A	
...3	H/SRTOP	BN61-02532A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,BLK,TO	1	S.N.A	
...3	H/SRMIDDLE	BN61-02533A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A	
...3	H/SRBOTTOM	BN61-02534A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A	
...3	B/HINGE	BN61-02536A	BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0	1	S.N.A	
...3	T0920	BN61-03341A	GUIDE-STAND;46F81,PC G/F 20%,-,-,-,BLK,-	1	S.N.A	
...3	B/STANDB	BN61-03729A	BRACKET-STAND BOTTOM;BRACKET-STAND BOTTO	1	S.N.A	
...3	C/SSUB	BN63-03670A	COVER-STAND SUB;46F81,ABS+PMMA,-,-,-,HB,	1	S.N.A	
...3	T0004	BN63-04201A	COVER-STAND BASE;COVER-STAND BASE 46,ABS	1	S.N.A	
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5	6	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.9	S.N.A	



## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1	M0017	BN91-01960C	ASSY CHASSIS;LN46A550P1FXZA,N43A	1	S.N.A	
..2	M0014	BN94-01628C	ASSY PCB MAIN;LN46A550P1FXZA,N43A	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.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	3711-004349	HEADER-BOARD TO CABLE;BOX,3P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	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	T0174	BN97-01985C	ASSY SMD;LN46A550P1FXZA,N43A	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	2.624	S.N.A	
....4	D103	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D104	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D1000	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1015	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D202	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D203	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D210	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D211	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D212	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D215	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D300	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D908	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D909	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1201	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1202	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D206	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D207	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D208	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D209	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D213	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D214	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	D204	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D205	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D216	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D1003	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D1022	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D911	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D915	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
....4	D1007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	D1008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D1009	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D1010	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D801	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D802	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D803	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D805	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D806	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D807	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D810	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D811	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D812	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D813	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D814	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D815	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D301	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
...4	D1004	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1005	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1026	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1037	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1038	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D800	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D804	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D808	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D809	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D816	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D817	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D818	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D819	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D820	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D821	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D822	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D907	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D910	0406-001200	DIODE-TVS;RCLAMP0504F,6/-/1-V,150W,SC-70	1	S.N.A	
...4	D217	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
...4	D218	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
...4	D219	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
...4	Q1	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q100L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q101L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q1100L	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q1202	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q1203	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q2	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q200	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q201	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q203	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
...4	Q205	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	Q206	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q300	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	1	S.A	
....4	Q500	0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,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	IC104	0801-002780	IC-CMOS LOGIC;74LVC1G17,SCHMITT-TRIGGER	1	S.A	
....4	IC203	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A	
....4	IC107	1002-001482	IC-D/A CONVERTER;WM8521H9GED/R,16bit,SOI	1	S.A	
....4	IC800	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC113	1105-001829	IC-DRAM;HYB18TC512160BF,DDR2,512Mbit,32M	1	S.A	
....4	IC113	1105-001829	IC-DRAM;HYB18TC512160BF,DDR2,512Mbit,32M	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
....4	T0085	1201-002487	IC-AUDIO AMP;MAX9728A,QFN,12P,3x3mm,DUAL	1	S.A	
....4	T0124	1201-002678	IC-POWER AMP;STA335BWS,PSSO,36P,10.3x7.5	1	S.A	
....4	IC012	1203-001195	IC-POSI.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A	
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002351	IC-POSI.FIXED REG.;LF25C,DPAK,3P,240MIL,	1	S.A	
....4	T0087	1203-002842	IC-POSI.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POSI.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	T0087	1203-003121	IC-POSI.FIXED REG.;FAN1112,SOT-223,3P,6.	1	S.A	
....4	IC901	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A	
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A	
....4	IC200	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	IC201	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
....4	T0170	1203-004868	IC-SWITCH VOL. REG.;MP2363,SOIC,8P,4.9x3	1	S.A	
....4	T0170	1203-004868	IC-SWITCH VOL. REG.;MP2363,SOIC,8P,4.9x3	1	S.A	
....4	IC400	1204-002786	IC-DECODER;MT5382P,BGA,465P,27x27mm,PLAS	1	S.A	
....4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	



















## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000174	R-CHIP;47ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000450	R-CHIP;180ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000695	R-CHIP;3.3ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000695	R-CHIP;3.3ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000965	R-CHIP;5.1Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	R110	2007-001313	R-CHIP;330ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001313	R-CHIP;330ohm,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	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,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	2007-007142	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	2007-007142	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	2007-007142	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	2007-007142	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	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007316	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	2007-007334	R-CHIP;200Kohm,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	RA501	2011-000002	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,32	1	S.A	
...4	RA502	2011-000002	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,32	1	S.A	
...4	RA1100	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
...4	RA1101	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
...4	RA1102	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	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	
...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	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A	





5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	C120	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,1005	1	S.A	
...4	C120	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	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	2203-000575	C-CER,CHIP;220nF,10%,25V,X7R,2012	1	S.A	
...4	C120	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000726	C-CER,CHIP;3.9nF,10%,50V,X7R,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	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000838	C-CER,CHIP;0.39nF,5%,50V,C0G,TP,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A	
...4	C120	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A	
...4	C120	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A	
...4	C120	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A	
...4	C120	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A	
...4	C120	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A	
...4	C120	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A	
...4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A	
...4	C120	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A	
...4	C120	2203-001630	C-CER,CHIP;330nF,+80-20%,16V,Y5V,1608	1	S.A	
...4	C120	2203-001724	C-CER,CHIP;4700nF,+80-20%,16V,Y5V,3216	1	S.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	
...4	C120	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,1005	1	S.N.A	













5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.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	L1201	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L1202	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A	
....4	X502	2804-001778	OSCILLATOR-CLOCK;60MHz,50ppm,15pF,TR,3.3	1	S.A	
....4	X500	2806-001308	OSCILLATOR-VCXO;27MHZ,-,30PF,TP,3.3V,50M	1	S.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	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	3301-001145	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	



## 5. Exploded View &amp; Part List

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	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	S.N.A	
....4	T0568	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	S.N.A	
....4	T0568	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	S.N.A	
....4	T0568	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	S.N.A	
....4	T0568	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	1	S.N.A	
....4	T0568	3301-001236	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	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA1000	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA1002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN330	3711-006354	HEADER-BOARD TO CABLE;BOX,41P,2R,0.5mm,S	1	S.A	
....4	CN330	3711-006374	HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm,	1	S.A	
....4	L100	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A	
....4	L101	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A	
....4	T0077	BN41-00975A	PCB MAIN;Pearl,FR-4,4,1.2,192*158	1	S.N.A	
....4	M0018	BN97-01990A	ASSY MICOM;T-PRLAUSM-XXXX,N43A,2007.10.2	1	S.N.A	
....5	IC520	0903-001485	IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR,	1	S.N.A	
....4	M0018	BN97-01990B	ASSY MICOM;T-PRLAUSC-XXXX,N43A,2007.10.2	1	S.N.A	
....5	IC115	1107-001341	IC-FLASH MEMORY;K9F1G08U0,1Gbit,128Mx8,T	1	S.N.A	
....4	D1028	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.N.A	
....4	D1029	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.N.A	
....4	D1031	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.N.A	
....4	D1041	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.N.A	
....4	D920	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.N.A	
....4	D921	0406-001271	DIODE-TVS;RCLAMP0524P,6/-V,150W,SLP251	1	S.N.A	
....4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.N.A	
....4	R110	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	1	S.A	
....4	CN330	3711-005925	HEADER-BOARD TO CABLE;BOX,51P,1R,0.5mm,S	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	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	S.A	
...4	Q1201	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
...4	Q409	0505-002169	FET-SILICON;Si4435BDY-T1-E3,P,-30V,-9.1A	1	S.N.A	
...4	T0087	1203-002835	IC-POS.FIXED REG.;KIA7805AF,DPAK,3P,6.6	1	S.A	
...4	C120	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	S.A	
...3	CN1000	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A	
...3	T0066	BN62-00003A	HEAT SINK-ES;NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A	
...3	CN904C	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	
0.1	A/LCD	BN91-01964C	ASSY LCD-AMLCD;LN46A550P1FX/*,LTF460HA01	1	S.N.A	
.2	M0215	BN07-00518A	LCD-PANEL;LTF460HA01,8bit,46inch,16.7M,1	1	S.A	
0.1	A/SHIELD	BN91-01967A	ASSY SHIELD-SQE;LN46A550P1FXZA	1	S.N.A	
.2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+B,M3,L6,ZPC(BLK),SWRC	6	S.A	
.2	M0081	6003-000115	SCREW-TAPTITE;BH,+B,M3,L6,ZPC(BLK),SWRC	4	S.A	
.2	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	3	S.A	
.2	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	1	S.A	
.2	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	1	S.A	
.2	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	2	S.A	
.2	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	10	S.A	
.2	M0081	6003-001003	SCREW-TAPTITE;BH,+B,M4,L12,ZPC(BLK),SWR	6	S.N.A	
.2	M0081	6003-001003	SCREW-TAPTITE;BH,+B,M4,L12,ZPC(BLK),SWR	4	S.N.A	
.2	M0081	6003-001188	SCREW-TAPTITE;BH,+,-B,M4,L10,ZPC(WHT),S	2	S.N.A	
.2	M0081	6003-001188	SCREW-TAPTITE;BH,+,-B,M4,L10,ZPC(WHT),S	2	S.N.A	
.2	M0081	6003-001188	SCREW-TAPTITE;BH,+,-B,M4,L10,ZPC(WHT),S	2	S.N.A	
.2	M0081	6003-001439	SCREW-TAPTITE;BH,+,-S,M4,L8,ZPC(WHT),SW	1	S.N.A	
.2	M0081	6003-001439	SCREW-TAPTITE;BH,+,-S,M4,L8,ZPC(WHT),SW	1	S.N.A	
.2	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A	
.2	M2893	BN39-00789A	LEAD CONNECTOR;LA46F71BX,UL1007#26,UL100	1	S.A	
.2	M2893	BN39-00802G	LEAD CONNECTOR;SPD-63P71FHD,UL1617#22,24	1	S.A	
.2	M2893	BN39-00948E	LEAD CONNECTOR;LN52M81BD,UL1061#28,4P,3P	1	S.A	
.2	M0174	BN44-00202A	IP BOARD;IP-271135A,PEARL,15mA,116mA,150	1	S.A	
.2	M0115	BN61-03336A	BRACKET-STAND LINK;46 PEONY,SECC,T1.6	1	S.N.A	
.2	M0146	BN61-03415A	BRACKET-PANEL TOP;PEONY 46,SECC T1.2	4	S.N.A	
.2	M0125	BN96-05490A	ASSY INLET P;LE52M87BDX,XEC,300,300,150m	1	S.A	
.2	T0447	BN96-05878A	ASSY BRACKET P-PANEL;-PEONY,46,-,SECC,-	1	S.N.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+S,M4,L10,ZPC(BLK),SWR	2	S.A	
...3	B/PBOT	BN61-03342A	BRACKET-PANEL BOTTOM;46 PEONY,SECC,T1.6	1	S.N.A	
...3	B/GMAIN	BN61-03396A	BRACKET-GUIDE MAIN;PEONY 46,SECC,T1.2	1	S.N.A	
...3	B/GPRIGHT	BN61-03398A	BRACKET-GUIDE POWER;RIGHT PEONY 46,SECC,	2	S.N.A	
...3	B/GPLEFT	BN61-03399A	BRACKET-GUIDE POWER;LEFT PEONY 46,SECC,T	1	S.N.A	
...3	M0131	BN63-03920A	GASKET;LE46F86BDX,Conductive Fabric,12,1	1	S.N.A	
...3	M0131	BN63-03921A	GASKET;LE46F86BDX,Conductive Fabric,12,1	1	S.N.A	
...3	M0131	BN63-03922A	GASKET;LE46F86BDX,Conductive Fabric,12,1	2	S.N.A	
.2	M0230	BN96-06678A	ASSY CABLE P-FFC;PEONY 46",FFC,117001-41	1	S.A	
.2	T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..2	T0175	BN96-06821A	ASSY SPEAKER P;8ohm,PEARL,LCD 46",10W,4p	1	S.A	
..2	A/HWALL	BN96-07129A	ASSY HOLDER P-WALL;46",ABS,HB,BK500,PEAR	2	S.N.A	
...3	B/SNUT	BN61-02932A	BRACKET-STOPPER NUT;SUM24L	2	S.N.A	
...3	M0125	BN61-03765A	HOLDER-WALL;46 PEARL,ABS HB,BK500	1	S.N.A	
..2	M2893	BN39-00830A	LEAD CONNECTOR;LNT4642HX/XAA,UL1061#28,7	1	S.A	
..2	M2893	BN39-01020A	LEAD CONNECTOR;LN46A550P,UL1007#26,2pin,	1	S.A	
..2	M2893	BN39-01024A	LEAD CONNECTOR;LN46A550P1FXZA,UL1007#26,	1	S.A	
..2	M0020	BN96-06418H	ASSY BOARD P-SIDE HDMI AV;LN46A550P1FXZA	1	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
..2	LVDS	BN96-07161A	ASSY CABLE P-FLAT LVDS;LN46A550P1FXZA,FF	1	S.A	
..2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	3	S.N.A	
0.1	M0003	BN92-03137A	ASSY BOX;L550-1 46Inch	1	S.N.A	
..2	M0521	BN69-02289A	BOX-SET,IN;L550-46,CB,C-01,DY-01,AB,W171	1	S.N.A	
..2	B/OUT	BN69-02290A	BOX-SET,OUT;L550-46,CB,C-03,DY-01,AB,W13	1.02	S.N.A	
0.1	M0113	BN92-03147A	ASSY P/MATERIAL;L550-1 46Inch	1	S.N.A	
..2	T0524	6902-000684	BAG PE;HDPE/NITRON,T0.015/T0.5,W1400,L14	1	S.N.A	
..2	B/PP	6922-000003	BAND PP;PP,T0.8,W18,L1650M,TRP,DA69-9014	5	S.N.A	
..2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A	
0.1	M0045	BN92-03189C	ASSY ACCESSORY;LN46A550P1FXZA,N43A	1	S.N.A	
..2	M0045	BN96-06919A	ASSY ACCESSORY;LN46A550P1FXZA	1	S.A	
...3	T0121	3301-001110	CORE-FERRITE;ZZ,35x19.5x9.0mm,-,-	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A	
...3	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	BN59-00673A	REMOCON;PEARL,TM96A,49,USA,SAMSUNG,TOOLS	1	S.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0511	BN68-01392A	MANUAL USERS;COMM,SAMSUNG,Eng/Spa,N.Amer	1	S.N.A	
...3	REV 00	BN68-01393A	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer	1	S.N.A	
...3	T0531	BN63-04353A	COVER-BOTTOM;COVER-BOTTOM 550-1 46,HIPS	1	S.N.A	
0.1	M0019	BN92-03192C	ASSY LABEL;LN46A550P1FXZA	1	S.N.A	
...3	T0069	AA63-60122Q	SPACER-FELT;P3,FELT,L65,,,,,T0.5,D30,	2	S.N.A	

**5-6. LN52A550P1FXZA Parts List**

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
		LN52A550P1FXZA	LN52A550P1F,N43A/52AP1-GPR,52,LCD-TV,UNI			
0.1	M0001	BN90-01459A	ASSY COVER FRONT;L550-1 52Inch	1	S.N.A	
..2	T0003	BN96-06712A	ASSY COVER P-FRONT;L550-1 52Inch,SEA,PC,	1	S.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	4	S.N.A	
...3	M0081	6003-001188	SCREW-TAPTITE;BH,+,-,B,M4,L10,ZPC(WHT),S	1	S.N.A	
...3	T0069	AA60-00091P	SPACER-FELT;FELT,500X10,BLK,T0.5	6	S.N.A	
...3	B/TAPE	BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.87	S.N.A	
...3	BOSS/T	BN61-03261D	BOSS-TAPE;PEONY ROSE,TAPE,1.1,6,GRAY,DOU	0.17	S.N.A	
...3	CCM1	BN63-02183F	COVER-SHEET;Rhcm,PE Vinyl,T0.05,900mm,20	0.75	S.N.A	
...3	M0112	BN63-03790K	COVER-FRONT;PEARL 52",PC,-,-,-,V0,SEA,BK	1	S.N.A	
...3	T0061	BN64-00453A	WINDOW-REMOCON;32R71,PC,V0,VIOLET,DIFFUS	1	S.N.A	
...3	T0527	BN64-00692A	GRILLE-SPEAKER;ROSE 52,PET,T0.25,BLK	2	S.N.A	
...3	A/HBOSS	BN96-05875A	ASSY HOLDER P-BOSS;PEONY,52,-,HIPS,V0,-,	1	S.N.A	
...4	B/TAPE	BN61-03261B	BOSS-TAPE;Tulip,ACRYL,T1.1,W20mm,GRAY,TA	0.87	S.N.A	
...4	BOSS/T	BN61-03261D	BOSS-TAPE;PEONY ROSE,TAPE,1.1,6,GRAY,DOU	0.17	S.N.A	
...4	H/BBOTTOM	BN61-03343A	HOLDER-BOSS BOTTOM;52 PEONY,HIPS V0,BLK	1	S.N.A	
...3	M0025	BN96-06723A	ASSY DECORATION P;L550-1 52Inch,UO,ABS+P	2	S.N.A	
...4	DECO/IN	BN64-00772A	DECORATION-IN;DECORATION-IN 52,ABS HB ,	1	S.N.A	
...4	DECO/OUT	BN64-00773A	DECORATION-OUT;DECORATION-OUT 52,ABS PMM	1	S.N.A	
...3	A/FUNCTION	BN96-06921E	ASSY BOARD P-FUNCTION & IR 120;LN52A550P	1	S.A	
0.1	M0002	BN90-01469A	ASSY COVER REAR;L550-1 52Inch	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	14	S.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A	
..2	C/REAR+H/W	6011-001610	BOLT-ETC;M8,L18,ZPC(BLK),SWRCH18A,WSP,PH	4	S.N.A	
..2	M0013	BN96-06717A	ASSY COVER P-REAR;L550-2 52Inch,SEA,HIPS	1	S.A	
...3	T0069	AA63-60002A	SPACER-FELT;-FELT,-,-,-,BLK,T0.35,-,330	2	S.N.A	
...3	M0006	BN63-04204A	COVER-REAR;COVER-REAR 52,HIPS,V0,BK500,E	1	S.N.A	
...3	T0071	BN64-00815A	INLAY-TERMINAL;L550,40PEARL,PS SHEET,T0.	1	S.N.A	
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,LDPE,-,-,BLK,-	1	S.N.A	
0.1	M0216	BN90-01479A	ASSY STAND;L550-1 52Inch	1	S.N.A	
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
..2	M0027	BN96-06742A	ASSY STAND P-BASE;L550 52Inch,ABS+PMMA,H	1	S.A	
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	4	S.A	
...3	M0081	6003-001239	SCREW-TAPTITE;FH,+,-,B,M4,L10,ZPC(WHT),S	6	S.A	
...3	H/SRTOP	BN61-02532A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,BLK,TO	1	S.N.A	
...3	H/SRMIDDLE	BN61-02533A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A	
...3	H/SRBOTTOM	BN61-02534A	HOLDER-SWIVEL RING;46M7 EO,ACETAL,NATUAL	1	S.N.A	
...3	B/GS	BN61-02536A	BRACKET-HINGE SWIVEL;46M7 EO,HG,T3.0	1	S.N.A	
...3	T0920	BN61-03416A	GUIDE-STAND;PEONY 52,PC+ABS G/F 20%	1	S.N.A	
...3	B/SBOTTOM	BN61-03731A	BRACKET-STAND BOTTOM;BRACKET-STAND BOTTO	1	S.N.A	
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.9	S.N.A	
...3	C/SSUB	BN63-03670A	COVER-STAND SUB;46F81,ABS+PMMA,-,-,-,HB,	1	S.N.A	
...3	T0004	BN63-04209A	COVER-STAND BASE;COVER-STAND BASE 52,ABS	1	S.N.A	
...3	T0132	BN73-00052A	RUBBER FOOT;ARES 17,CR Rubber Gray,T1.5	6	S.N.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1	M0017	BN91-01960D	ASSY CHASSIS;LN52A550P1FXZA,N43A	1	S.N.A	
..2	M0014	BN94-01628D	ASSY PCB MAIN;LN52A550P1FXZA,N43A	1	S.A	
...3	T0245	0202-001608	SOLDER-WIRE FLUX;LFC7-107,D0.8,99.3Sn/0.	0.25	S.N.A	
...3	JA901B	3701-001388	CONNECTOR-HDMI;20P,Phosphor Bronze,ANGLE	1	S.A	
...3	CN1000	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	3711-004484	HEADER-BOARD TO CABLE;BOX,5P,1R,2mm,STRA	1	S.A	
...3	CN330	3711-004531	HEADER-BOARD TO CABLE;BOX,10P,1R,2mm,ANG	1	S.A	
...3	CN330	3711-005842	HEADER-BOARD TO CABLE;BOX,24P,2R,2MM,STR	1	S.A	
...3	JA330	3722-000143	JACK-PHONE;1P(VER),AG,BLK,ANGLE	1	S.A	
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A	
...3	CN901B	3722-002275	JACK-DIN;4P,-,SN,BLK,-	1	S.A	
...3	JA333	3722-002543	JACK-PIN;3P,Sn,RED/WHT/YEL,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	T0066	BN62-00003A	HEAT SINK-ES;NK,SUN,A6063S,T2.5,W28,L28,	1	S.N.A	
...3	T0174	BN97-01985D	ASSY SMD;LN52A550P1FXZA,N43A	1	S.N.A	
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45##,96.5Sn/	2.624	S.N.A	
....4	D103	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D104	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A	
....4	D1000	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1001	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1002	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1006	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1013	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1014	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1015	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D201	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D202	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D203	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D210	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D211	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D212	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D215	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D300	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D908	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D909	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A	
....4	D1201	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D1202	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D206	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D207	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D208	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D209	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D213	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A	
....4	D214	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	D204	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D205	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	
....4	D216	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	D1003	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
...4	D1022	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
...4	D911	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
...4	D915	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A	
...4	D1007	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D1008	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D1009	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D1010	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D801	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D802	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D803	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D805	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D806	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D807	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D810	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D811	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D812	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D813	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D814	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D815	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D905B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D906B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D909B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D910B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D911B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D912B	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A	
...4	D301	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A	
...4	D1004	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1005	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1011	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1012	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1025	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1026	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1037	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D1038	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D800	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D804	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D808	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D809	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D816	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D817	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D818	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D819	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D820	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D821	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D822	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D900B	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D901B	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D902B	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D903B	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	
...4	D904B	0406-001172	DIODE-TVS;CDS3C30GTH,48/-/50V,SMD	1	S.A	



## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	D907	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D907B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D908B	0406-001172	DIODE-TV;CDS3C30GTH,48/-/50V,SMD	1	S.A	
....4	D910	0406-001200	DIODE-TV;RCLAMP0504F,6/-/V,150W,SC-70	1	S.N.A	
....4	D1028	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
....4	D1029	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
....4	D1031	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
....4	D1041	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
....4	D920	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
....4	D921	0406-001271	DIODE-TV;RCLAMP0524P,6/-/V,150W,SLP251	1	S.N.A	
....4	D217	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D218	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	D219	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A	
....4	Q1	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q100L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q101L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q1100L	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q1202	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q1203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q2	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q200	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q201	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q203	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q205	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q206	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q300	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A	
....4	Q500	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,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	IC104	0801-002780	IC-CMOS LOGIC;74LVC1G17,SCHMITT-TRIGGER	1	S.A	
....4	IC203	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A	
....4	IC107	1002-001482	IC-D/A CONVERTER;WM8521H9GED/R,16bit,SOI	1	S.A	
....4	IC800	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A	
....4	IC112	1103-001385	IC-EEPROM;AT24C256,256Kbit,32Kx8,SOP,8P,	1	S.A	
....4	IC113	1105-001829	IC-DRAM;HYB18TC512160BF,DDR2,512Mbit,32M	1	S.A	
....4	IC113	1105-001829	IC-DRAM;HYB18TC512160BF,DDR2,512Mbit,32M	1	S.A	
....4	DU410	1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	S.A	
....4	T0085	1201-002487	IC-AUDIO AMP;MAX9728A,QFN,12P,3x3mm,DUAL	1	S.A	
....4	T0124	1201-002678	IC-POWER AMP;STA335BWS,PSSO,36P,10.3x7.5	1	S.A	
....4	IC012	1203-001195	IC-POS1.ADJUST REG.;1587,TO-263,3P,393MI	1	S.A	
....4	T0087	1203-001815	IC-POS1.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A	
....4	T0087	1203-002351	IC-POS1.FIXED REG.;LF25C,DPAK,3P,240MIL,	1	S.A	
....4	T0087	1203-002842	IC-POS1.FIXED REG.;AP1117D-33A,TO-252,3P	1	S.A	
....4	IC012	1203-002995	IC-POS1.ADJUST REG.;AP1117D-A,TO-252,3P,	1	S.A	
....4	T0087	1203-003121	IC-POS1.FIXED REG.;FAN1112,SOT-223,3P,6.	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	IC901	1203-003394	IC-POWER SUPERVISOR;MIC2544-1YM,SOP,8P,4	1	S.A	
...4	T0087	1203-003696	IC-POS.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A	
...4	IC200	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
...4	IC201	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A	
...4	T0170	1203-004868	IC-SWITCH VOL. REG.;MP2363,SOIC,8P,4.9x3	1	S.A	
...4	T0170	1203-004868	IC-SWITCH VOL. REG.;MP2363,SOIC,8P,4.9x3	1	S.A	
...4	IC118	1204-002779	IC-VIDEO PROCESS;S4LF122X01,PBGA,208P,17	1	S.N.A	
...4	IC400	1204-002786	IC-DECODER;MT5382P,BGA,465P,27x27mm,PLAS	1	S.A	
...4	R110	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000067	R-CHIP;15Kohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000081	R-CHIP;2.7Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000097	R-CHIP;47Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000116	R-CHIP;120ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005	1	S.N.A	





















5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000242	R-CHIP;1.5KOHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000362	R-CHIP;12ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000426	R-CHIP;160ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000450	R-CHIP;180ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000669	R-CHIP;2Kohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000695	R-CHIP;3.3ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000695	R-CHIP;3.3ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000828	R-CHIP;39Kohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000903	R-CHIP;430ohm,1%,1/10W,TP,1608	1	S.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000932	R-CHIP;470OHM,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-000965	R-CHIP;5.1Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-001179	R-CHIP;8.2Kohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001313	R-CHIP;330ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-001313	R-CHIP;330ohm,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	2007-002425	R-CHIP;1ohm,5%,1/10W,TP,1608	1	S.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,5%,1/16W,TP,1005	1	S.N.A	
...4	R110	2007-007009	R-CHIP;75ohm,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	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....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	2007-007142	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	2007-007142	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	2007-007142	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	2007-007142	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	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	1	S.N.A	
....4	R110	2007-007316	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	2007-007334	R-CHIP;200Kohm,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	RA501	2011-000002	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,32	1	S.A	
....4	RA502	2011-000002	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,32	1	S.A	
....4	RA1100	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA1101	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA1102	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA900B	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA901B	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	1	S.A	
....4	RA902B	2011-001001	R-NETWORK;0ohm,5%,1/16W,L,CHIP,8P,TP,3.2	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	
....4	C120	2203-000125	C-CER,CHIP;1.2nF,10%,50V,X7R,TP,1608,-	1	S.A	
....4	C120	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A	



















## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.A	
....4	C120	2203-006992	C-CER,CHIP;0.33nF,5%,50V,C0G,1005	1	S.N.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	L1201	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	L1202	2704-000018	INDUCTOR-SMD-ARRAY;15uH,2000mA,2,0.124oh	1	S.N.A	
....4	X202	2801-003326	CRYSTAL-SMD;24MHZ,30PPM,28-ABX,20PF,50OH	1	S.A	
....4	X502	2804-001778	OSCILLATOR-CLOCK;60MHz,50ppm,15pF,TR,3.3	1	S.A	
....4	X500	2806-001308	OSCILLATOR-VCXO;27MHZ,-,30PF,TP,3.3V,50M	1	S.A	
....4	T0568	3301-000314	BEAD-SMD;120ohm,1.6x0.8x0.8mm,-,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	1	S.N.A	
....4	G101	3301-000316	CORE-FERRITE BEAD;120ohm,2012,TP,-,-	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	

5. Exploded View & Part List

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	3301-001148	BEAD-SMD;60ohm,1608,TP,-,-	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	3301-001404	BEAD-SMD;30ohm,2012,TP,15.9OHM/30MHz	1	S.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0568	3301-001569	BEAD-SMD;600ohm,2012,1000mA,TP,520ohm/90	1	S.N.A	
....4	T0313	3404-001207	SWITCH-TACT;12V,50mA,160gf,6.2X6.2,SPST	1	S.A	
....4	JA1000	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	JA1002	3701-001367	CONNECTOR-HDMI;19P,2R,FEMALE,SMD,AU	1	S.A	
....4	CN330	3711-005925	HEADER-BOARD TO CABLE;BOX,51P,1R,0.5mm,S	1	S.N.A	
....4	CN330	3711-006374	HEADER-BOARD TO CABLE;BOX,41P,2R,1.25mm,	1	S.A	
....4	L100	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A	
....4	L101	BN27-00008A	COIL CHOKE-SMD;SMD12*12*8.5,GH15/17PS,22	1	S.A	
....4	T0077	BN41-00975A	PCB MAIN;Pearl,FR-4,4,1.2,192*158	1	S.N.A	
....4	M0018	BN97-01990A	ASSY MICOM;T-PRLAUSM-XXXX,N43A,2007.10.2	1	S.N.A	
.....5	IC520	0903-001485	IC-MICROCONTROLLER;44P,12x12mm,24MHz,TR,	1	S.N.A	
....4	M0018	BN97-01990B	ASSY MICOM;T-PRLAUSC-XXXX,N43A,2007.10.2	1	S.N.A	
.....5	IC115	1107-001341	IC-FLASH MEMORY;K9F1G08U0,1Gbit,128Mx8,T	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	Q1201	0501-000669	TR-SMALL SIGNAL;KTA1505Y,PNP,150mW,SOT-2	1	S.A	
....4	Q409	0505-002169	FET-SILICON;Si4435BDY-T1-E3,P,-30V,-9.1A	1	S.N.A	
....4	T0087	1203-002835	IC-POSI.FIXED REG.;KIA7805AF,DPAK,3P,6.6	1	S.A	
....4	C120	2203-000979	C-CER,CHIP;47nF,10%,50V,X7R,TP,2012	1	S.A	
...3	CN904C	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A	

## 5. Exploded View &amp; Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.1	A/LCD	BN91-01964D	ASSY LCD-AMLCD;LN52A550P1FX/*, LTF520HB0	1	S.N.A	
..2	M0215	BN07-00522A	LCD-PANEL;LTF520HB01,8bit,52inch,1.67M,1	1	S.A	
0.1	A/SHIELD	BN91-01968A	ASSY SHIELD-SQE;LN52A550P1FXZA	1	S.N.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+ ,B,M3,L6,ZPC(BLK),SWRC	6	S.A	
..2	M0081	6003-000115	SCREW-TAPTITE;BH,+ ,B,M3,L6,ZPC(BLK),SWRC	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+ ,S,M4,L10,ZPC(BLK),SWR	1	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+ ,S,M4,L10,ZPC(BLK),SWR	1	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+ ,S,M4,L10,ZPC(BLK),SWR	4	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+ ,S,M4,L10,ZPC(BLK),SWR	2	S.A	
..2	M0081	6003-000337	SCREW-TAPTITE;BH,+ ,S,M4,L10,ZPC(BLK),SWR	10	S.A	
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+ ,B,M4,L12,ZPC(BLK),SWR	6	S.N.A	
..2	M0081	6003-001003	SCREW-TAPTITE;BH,+ ,B,M4,L12,ZPC(BLK),SWR	6	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	2	S.N.A	
..2	M0081	6003-001188	SCREW-TAPTITE;BH,+ ,-,B,M4,L10,ZPC(WHT),S	2	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+ ,-,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+ ,-,S,M4,L8,ZPC(WHT),SW	1	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+ ,WP,B,M4.0,L12,ZPC(BLK	8	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+ ,WP,B,M4.0,L12,ZPC(BLK	2	S.N.A	
..2	M0081	6006-001096	SCREW-TAPTITE;BH,+ ,WP,B,M4.0,L12,ZPC(BLK	4	S.N.A	
..2	T0562	6046-001013	STAND OFF;M3,L5,Ni PLT,SUM24L,#4-40	2	S.N.A	
..2	M2893	BH39-00362D	LEAD CONNECTOR;BEETHOVEN,UL1007#26,5P,50	1	S.A	
..2	M2893	BN39-00802Q	LEAD CONNECTOR;PS58P96FDX,UL1617#22,24P/	1	S.A	
..2	M2893	BN39-00851A	LEAD CONNECTOR;LE40M73BD,UL3443 #28,7P,3	1	S.A	
..2	M2893	BN39-01019A	LEAD CONNECTOR;LN52A550P,UL1007#26,2pin,	1	S.A	
..2	M2893	BN39-01021A	LEAD CONNECTOR;LN46A550P,UL1007#26,2pin,	1	S.A	
..2	M0174	BN44-00200A	IP BOARD;IP-361135A,PEARL,15mA,116mA,150	1	S.A	
..2	M0115	BN61-03336A	BRACKET-STAND LINK;46 PEONY,SECC,T1.6	1	S.N.A	
..2	M0146	BN61-03414A	BRACKET-PANEL TOP;PEONY52,SECC T1.2	6	S.N.A	
..2	M0125	BN96-05490A	ASSY INLET P;LE52M87BDX,XEC,300,300,150m	1	S.A	
..2	T0447	BN96-06734A	ASSY BRACKET P-PANEL;L550 52Inch	1	S.N.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+ ,S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	M0081	6003-000337	SCREW-TAPTITE;BH,+ ,S,M4,L10,ZPC(BLK),SWR	1	S.A	
...3	B/PBOTTOM	BN61-03344A	BRACKET-PANEL BOTTOM;52 PEONY,SECC,T1.6	1	S.N.A	
...3	B/PGLEFT	BN61-03431A	BRACKET-GUIDE POWER L;LEFT PEONY 52,SECC	1	S.N.A	
...3	B/GPRIGHT	BN61-03436A	BRACKET-GUIDE POWER R;RIGHT PEONY 52,SEC	1	S.N.A	
...3	M0131	BN63-03921A	GASKET;LE46F86BDX,Conductive Fabric,12,1	1	S.N.A	
...3	M0131	BN63-03922A	GASKET;LE46F86BDX,Conductive Fabric,12,1	1	S.N.A	
..2	M0412	BN96-06735A	ASSY BRACKET P-PCB;L550 52Inch,UO,SECC T	1	S.N.A	
...3	B/GMAINL	BN61-03727A	BRACKET-GUIDE MAIN;BRACKET-GUIDE MAIN,L	1	S.N.A	
...3	B/GMAINR	BN61-03728A	BRACKET-GUIDE MAIN;BRACKET-GUIDE MAIN,R	1	S.N.A	
...3	B/GMAIN	BN61-03781A	BRACKET-GUIDE MAIN;BRACKET-GUIDE-MAIN,SU	2	S.N.A	
...3	M0131	BN63-03754A	GASKET;LE32M87BDX,Conductive Fabric,12,1	2	S.N.A	
..2	T0175	BN96-06819A	ASSY SPEAKER P;8ohm,PEARL,LCD,10W,100mm,	2	S.A	
..2	A/HWALL	BN96-07129A	ASSY HOLDER P-WALL;46",ABS,HB,BK500,PEAR	2	S.N.A	
...3	B/SNUT	BN61-02932A	BRACKET-STOPPER NUT;SUM24L	2	S.N.A	
...3	M0125	BN61-03765A	HOLDER-WALL;46 PEARL,ABS HB,BK500	1	S.N.A	
..2	M0254	BN61-02875D	HOLDER-SIDE AV;32S81,UO,HIPS,V0(NON-DECA	1	S.N.A	
..2	LVDS	BN96-07161B	ASSY CABLE P-FLAT LVDS;LN46A550P1FXZA,FF	1	S.A	

5. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
.2	T0175	BN96-06821B	ASSY SPEAKER P;8ohm,PEARL,LCD 52",10W,4p	1	S.A	
.2	M0114	BN61-02500A	HOLDER-WIRE;NYLON6.6,NATURAL	3	S.N.A	
0.1	M0003	BN92-03138A	ASSY BOX;L550-1 52Inch	1	S.N.A	
.2	B/OUT	BN69-02321A	BOX-SET,OUT;L550-52,CB,C-03,DY-01,AB,W15	1.02	S.N.A	
.2	M0521	BN69-02322A	BOX-SET,IN;L550-52,CB,C-01,DY-01,AB,W189	1	S.N.A	
0.1	M0113	BN92-03148A	ASSY P/MATERIAL;L550-1 52Inch	1	S.N.A	
.2	T0524	6902-000426	BAG PE;HDPE/NITRON,T0.015/T0.5,W1600,L14	1	S.N.A	
.2	B/PP	6922-000003	BAND PP;PP,T0.8,W18,L1650M,TRP,DA69-9014	5.58	S.N.A	
.2	T0214	AA61-20285A	HOLDER-BOX;CTV,PP,NTR,HB	2	S.N.A	
0.1	M0045	BN92-03189D	ASSY ACCESSORY;LN52A550P1FXZA,N43A	1	S.N.A	
.2	M0045	BN96-06920A	ASSY ACCESSORY;LN52A550P1FXZA	1	S.A	
...3	T0121	3301-001110	CORE-FERRITE;ZZ,35x19.5x9.0mm,-,-	1	S.A	
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A	
...3	T0524	6902-000018	BAG PE;LDPE,T0.1,W280,L400,CLEAR,8,2	1	S.N.A	
...3	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	BN59-00673A	REMOCON;PEARL,TM96A,49,USA,SAMSUNG,TOOLS	1	S.A	
...3	CLOTH	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A	
...3	T0511	BN68-01392A	MANUAL USERS;COMM,SAMSUNG,Eng/Spa,N.Amer	1	S.N.A	
...3	REV 00	BN68-01393A	MANUAL FLYER-QSG;COMM,SAMSUNG,Eng,N.Amer	1	S.N.A	
...3	T0531	BN63-04354A	COVER-BOTTOM;COVER-BOTTOM 550-1 52,HIPS	1	S.A	
0.1	M0019	BN92-03192C	ASSY LABEL;LN46A550P1FXZA	1	S.N.A	



# 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).

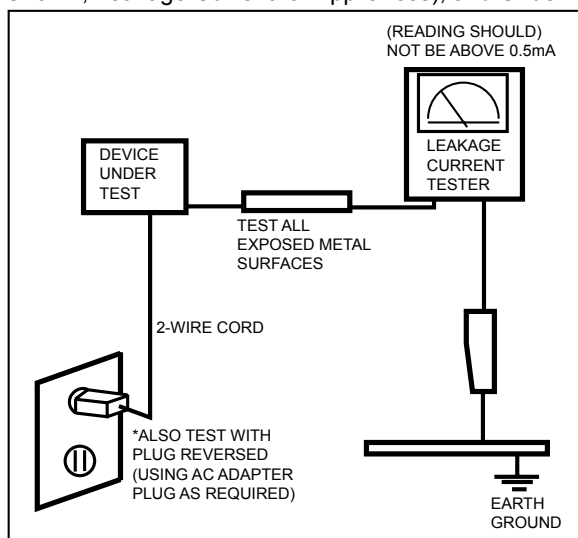


Figure 1-1. Leakage Current Test Circuit

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.

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# Memo

## 2. Product specifications

### 2-1. Feature & Specifications

Model	LN40A530P1FXZA	
<b>Feature</b>		
<ul style="list-style-type: none"> <li>▶ Digital-TV, RF, 3-HDMI, 2-Component, 2-AV(Just 1-AV is compare component jack), 1-S-Video, USB2.0, D-SUB</li> <li>▶ Brightness : 500cd/m<sup>2</sup>, Contrast Ratio : 30000:1</li> <li>▶ Response time : 8ms</li> <li>▶ Dynamic contrast : S-PVA</li> <li>▶ PIP(in HDMI 1, 2, 3, Component 1, 2, PC Mode and Sub picture is available only in TV analog mode)</li> </ul>		
<b>Specifications</b>		
Item	Description	
LCD Panel	LTF400HA01,40" FHD,8bit,40inch,1.67M,16:9,0.6(H)*0.6(W),0 to +50,12V,SPVA 72% ZBD,40inch FHD 60Hz AG2	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors	1.07 Billion colors	
Maximum resolution	Horizontal : 1920 Pixels Vertical : 1080 pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	148.5MHz	
Active Display Horizontal/Vertical	34.8 x 19.6 inches (885.2 (H) x 497.7 (V) mm)	
AC power voltage & Frequency	AC 110V, 60 Hz	
Power Consumption	180W (standby : <1W)	
Dimensions Set (W x D x H)	41.6 x 9.4 x 26.4 inches (1058.0 x 240.0 x 671.9 mm)with stand 41.6 x 3.5 x 23.9 inches (1058.0 x 90.8 x 607.5 mm)without stand	
Weight	42.5lbs with stand / 36.1lbs without stand	
TV System	Tunning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	NTSC-M
	Sound	MONO, STEREO, SAP
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	<ul style="list-style-type: none"> <li>- MAX Internal speaker Out : Right =&gt; 10W, Left =&gt; 10W</li> <li>- BASS Control Range : -8 dB ~ + 8dB</li> <li>- TREBLE Control Range : -8 dB ~ +8 dB</li> <li>- Headphone Out : 10 mW MAX</li> <li>- Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz</li> </ul>	
<b>Note:</b> Anynet+, WISELINK		

2. Product specifications

Model		LN46A530P1FXZA	
<b>Feature</b>			
<ul style="list-style-type: none"> <li>▶ Digital-TV, RF, 3-HDMI, 2-Component, 2-AV(Just 1-AV is compare component jack), 1-S-Video, USB2.0, D-SUB</li> <li>▶ Brightness : 500cd/m<sup>2</sup>, Contrast Ratio : 30000:1</li> <li>▶ Response time : 8ms</li> <li>▶ Dynamic contrast : S-PVA</li> <li>▶ PIP(in HDMI 1, 2, 3, Component 1, 2, PC Mode and Sub picture is available only in TV analog mode)</li> </ul>			
<b>Specifications</b>			
Item		Description	
LCD Panel		LCD Panel : LTF460HA01,8bit,46inch,16.7M,16:9,0.53025(H)*0.53025(W,0 to +50,12V,SPVA 72% ZBD,46 inch FHD	
Scanning Frequency		Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors		1.07 Billion colors	
Maximum resolution		Horizontal : 1920 Pixels Vertical : 1080 pixels	
Input Signal		Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal		H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate		148.5MHz	
Active Display Horizontal/Vertical		37.4 x 21.7 inches (952.0 (H) x 551.0 (V) mm)	
AC power voltage & Frequency		AC 110V, 60Hz	
Power Consumption		220W (standby : <1W)	
Dimensions Set (W x D x H)		46.7 x 10.2 x 29.5 inches (1186.0 x 260.0 x 749.4 mm)with stand 46.7 x 4.4 x 27.0 inches (1186.0 x 111.0 x 685.5 mm)without stand	
Weight		58.6lbs with stand / 49.4lbs without stand	
TV System		Tunning	Frequency Synthesize (Refer to detailed Frequency Table)
		System	NTSC-M
		Sound	MONO, STEREO, SAP
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		<ul style="list-style-type: none"> <li>- MAX Internal speaker Out : Right =&gt; 10W, Left =&gt; 10W</li> <li>- BASS Control Range : -8 dB ~ + 8dB</li> <li>- TREBLE Control Range : -8 dB ~ +8 dB</li> <li>- Headphone Out : 10 mW MAX</li> <li>- Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz</li> </ul>	
<b>Note:</b> Anynet+, WISELINK			



Model	LN52A530P1FXZA	
<b>Feature</b>		
<ul style="list-style-type: none"> <li>▶ Digital-TV, RF, 3-HDMI, 2-Component, 2-AV(Just 1-AV is compare component jack), 1-S-Video, USB2.0, D-SUB</li> <li>▶ Brightness : 500cd/m<sup>2</sup>, Contrast Ratio : 30000:1</li> <li>▶ Response time : 8ms</li> <li>▶ Dynamic contrast : S-PVA</li> <li>▶ PIP(in HDMI 1, 2, 3, Component 1, 2, PC Mode and Sub picture is available only in TV analog mode)</li> </ul>		
<b>Specifications</b>		
Item	Description	
LCD Panel	LTF520HB01,8bit,52inch,1.67M,16:9,0.6(H)*0.6(W),0 to +50,12V,SPVA 72% ZBD,52 inch FHD 60Hz	
Scanning Frequency	Horizontal : 30 kHz ~ 80 kHz (Automatic) Vertical : 56 Hz ~ 75 Hz (Automatic)	
Display Colors	1.07 Billion colors	
Maximum resolution	Horizontal : 1920 Pixels Vertical : 1080 pixels	
Input Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω , internally terminated	
Input Sync Signal	H/V Separate, TTL, P. or N.	
Maximum Pixel Clock rate	148.5MHz	
Active Display Horizontal/Vertical	45.4 x 25.5 inches (1152.0 (H) x 648.0 (V) mm)	
AC power voltage & Frequency	AC 110V, 60Hz	
Power Consumption	260W (standby : <1W)	
Dimensions Set (W x D x H)	52.3 x 11.4 x 33.1 inches (1330.0 x 291.0 x 842.4 mm)with stand 52.3 x 4.7 x 30.6 inches (1330.0 x 120.0 x 778.5 mm)without stand	
Weight	71.8lbs with stand / 61.7lbs without stand	
TV System	Tunning	Frequency Synthesize (Refer to detailed Frequency Table)
	System	NTSC-M
	Sound	MONO, STEREO, SAP
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	<ul style="list-style-type: none"> <li>- MAX Internal speaker Out : Right =&gt; 10W, Left =&gt; 10W</li> <li>- BASS Control Range : -8 dB ~ + 8dB</li> <li>- TREBLE Control Range : -8 dB ~ +8 dB</li> <li>- Headphone Out : 10 mW MAX</li> <li>- Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz</li> </ul>	
<b>Note:</b> Anynet+, WISELINK		

2. Product specifications

**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

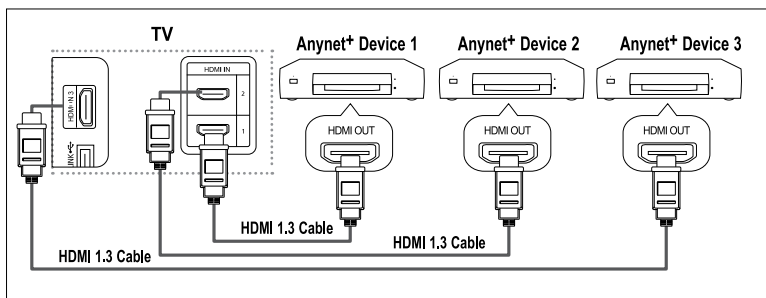
OSD	CH NO	AIR		BAND	CH NO	Cable STD	BAND	CH NO	Cable HRC	CH NO	Cable IRC
		Air-DTV	Air-NTSC								
1	1							A-8	72.00	A-8	73.25
2	2	57	55.25	V-L	2	55.25	V-L	2	54.00	2	55.25
3	3	63	61.25	V-L	3	61.25	V-L	3	60.00	3	61.25
4	4	69	67.25	V-L	4	67.25	V-L	4	66.00	4	67.25
5	5	79	77.25	V-L	5	77.25	V-L	A-7	78.00	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

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
.	.				.	.	.	.	.	.	.
.	.				.	.	.	.	.	.	.
125	125				125	799.25	ULTRA	125	798.00	125	799.25
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## 2-2. New Features explanation

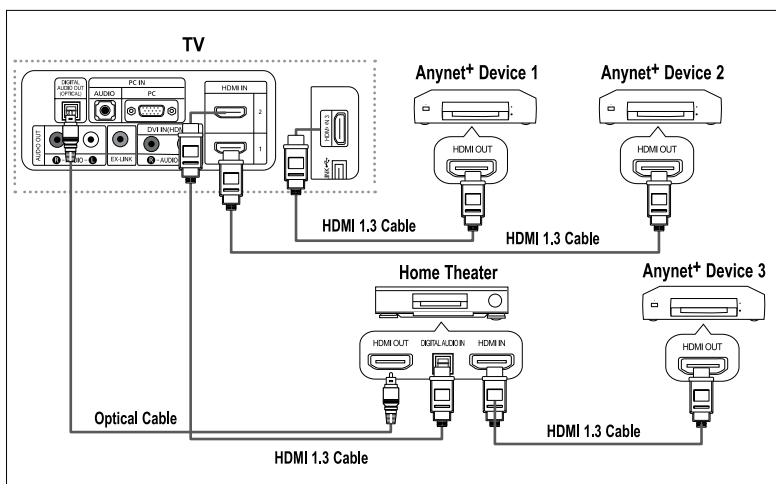
- ▶ Anynet+: Anynet+ is an AV network system that enables you to control all connected Samsung AV devices with the TV's remote.

### To directly connect to TV



Connect the [HDMI 1], [HDMI 2] or [HDMI 3] jack on the TV and the HDMI OUT jack of the corresponding Anynet+ device using the HDMI cable.



### To connect to Home Theater



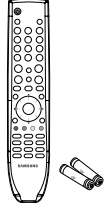
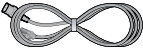

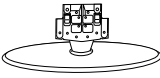




1. Connect the [HDMI 1], [HDMI 2] or [HDMI 3] jack on the TV and the HDMI OUT jack of the corresponding Anynet+ device using the HDMI cable.
2. Connect the HDMI IN jack of the home theater and the HDMI OUT jack of the corresponding Anynet+ device using the HDMI cable.

- Connect the Optical cable between [Digital Audio Out (Optical)] on your TV and Digital Audio Input on the Home Theater.
- Connect only one Home Theater.
- You can listen to 5.1 channel sound through the home theater's speakers. Otherwise, you can only listen to 2 channel stereo sound in other cases. Make sure to connect the Digital Audio IN (Optical) of the home theater and the TV correctly to listen to TV sound through the home theater. However, you cannot listen to sound from the BD recorder that is sent to the home theater via the TV in 5.1 channel sound because the TV outputs only 2 channel stereo sound. Please see the manual for the home theater.
- You can connect an Anynet+ device using the HDMI 1.3 cable. Some HDMI cables may not support Anynet+ functions.
- Anynet+ works when the AV device supporting Anynet+ is in the Standby or On status.
- Anynet+ supports up to 12 AV devices in total.

## 2-3. Spec Comparison to the Old Models

Model	Pearl (LN46A530P1FXZA)	Mosel-3 (LNT466F)
Design		
Display Type	LCD TV	LCD TV
Built-in Tuner	O	O
Resolution	1920 x 1080	1920 x 1080
LCD Panel	TFT LCD 46" Panel	TFT LCD 46" Panel
Screen Size	<b>40"/46"52"</b>	46"
Picture ratio	16 : 9	16 : 9
Dimensions (W x H x D)	46 <b>46.7 x 10.2 x 29.5 inches_with stand</b> <b>46.7 x 4.4 x 27 inches_without stand</b>	44.4 x 12.8 x 31.0 inches (With Stand) 44.4 x 4.2 x 28.8 inches (Without Stand)
Weight	46 <b>58.64 lbs_with stand</b>	78.2 lbs (set) 97.0 lbs (package)
Brightness	<b>500 nit</b>	550 nit
Contrast Ratio	<b>30000:1</b>	10,000:1
Picture Enhancer	<b>DNle (FBE3)</b>	DNle (FBE2)
Equalizer	5 Band	5 Band
Auto Volume Control	O	O
Surround Sound	SRS TruSurround Dolby Digital	SRS TruSurround Dolby Digital
Speaker Output	10W + 10W	10W + 10W
PIP	O	O
Double Window	O	O
Caption	O	O
Still Image	O	O
EPG	O	X
My Color Control	O	O
Color Weakness	<b>X</b>	O
Energy Saving	O	O
Anynet	O	O
Antenna	<b>1(Cable/Air)</b>	2(Cable/Air)

**2-4. Accessories**

Product	Description	Code. No	Remark
	Remote Control & Batteries (AAA x 2)	BN59-00673A	Samsung Electronics Service center
	Power Cord	3903-000144	
	Cover-Bottom	40" : BN63-04352A 46" : BN63-04353A 52" : BN63-04354A	
	Stand	40" : BN96-06738A 46" : BN96-06740A 52" : BN96-06742A	
	Screw	6002-001294	
	Owner's Instructions	BN68-001392A	
	Cleaning Cloth	BN63-01798A	
	Warranty Card / Registration Card / Safety Guide Manual (Not available in all locations)	AA68-00371C	