UHD TV

Chassis : UWP60

Model : UE43KU6642U
UE49KU6642U
UE55KU6642U

SERVICE Manual

UHD TV

UE**KU6642U

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2. Product specifications
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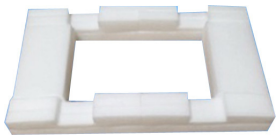
3. Disassembly and Reassembly

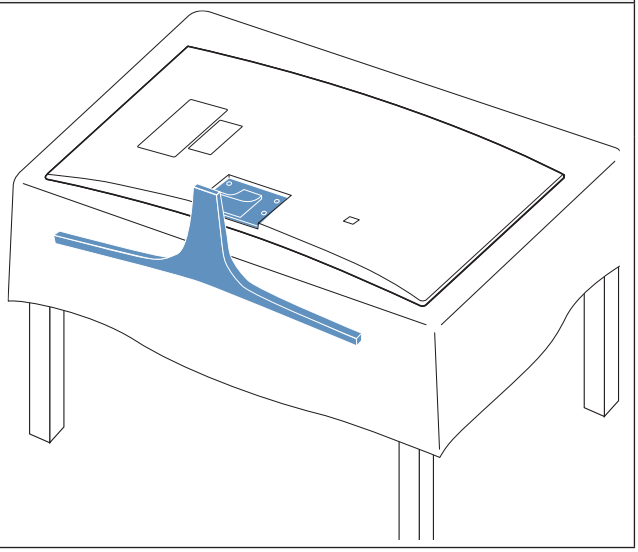
This section of the service manual describes the disassembly and reassembly procedures for the LED TV.

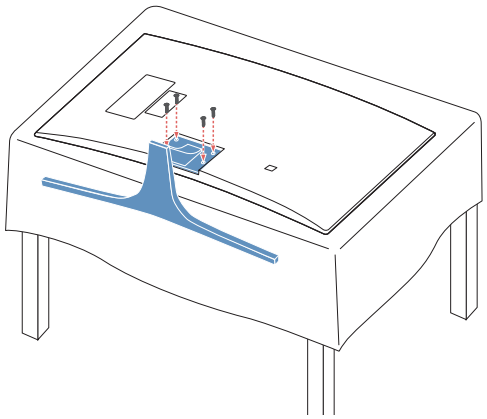
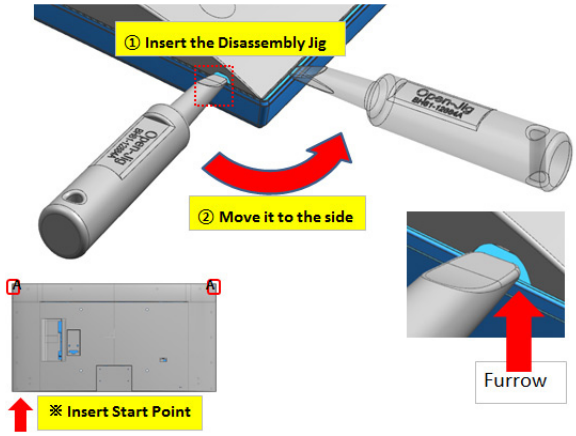
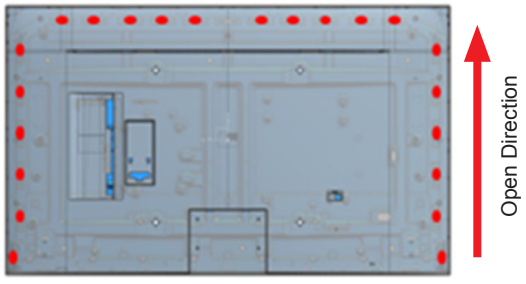
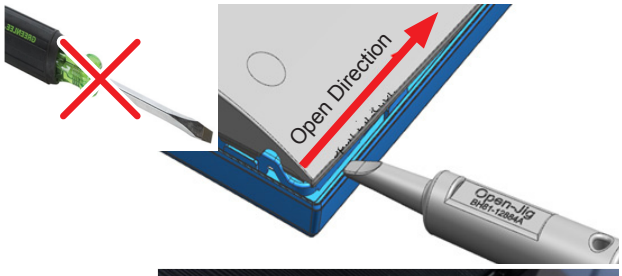
CAUTION

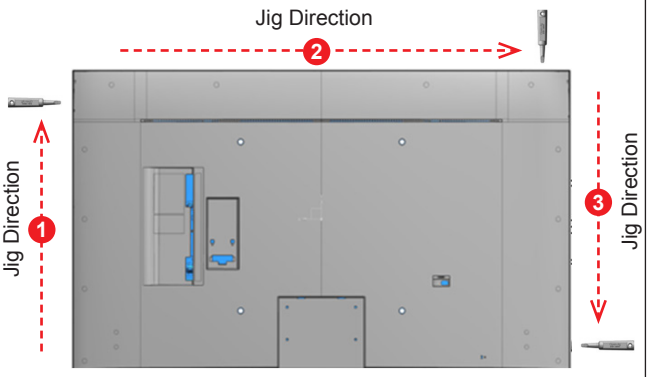
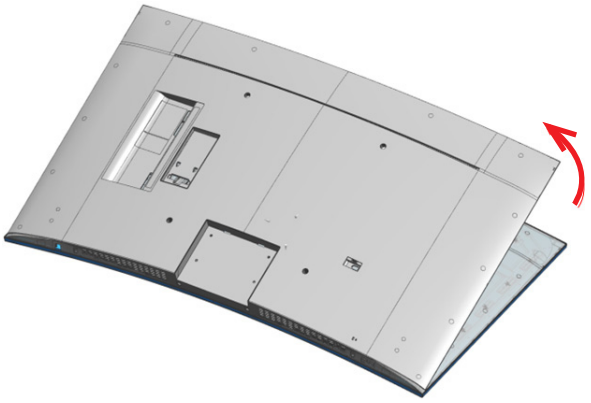
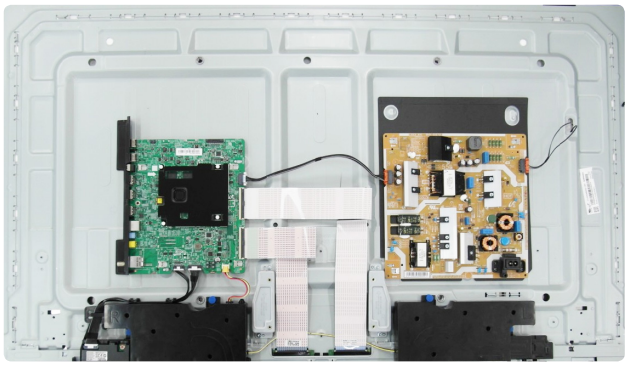
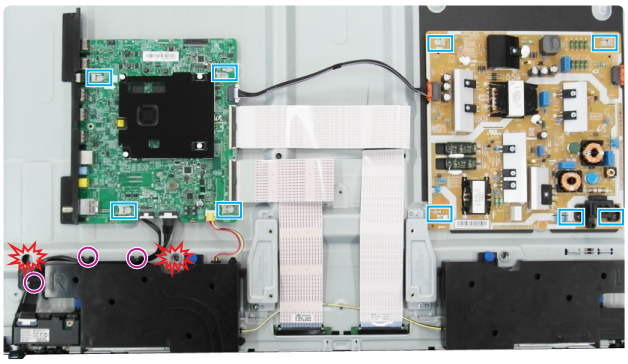
1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully.
   - Use the Samsung Service tool to disassemble the cabinet.
     - Recommend to use the Samsung Service tool.
   - Recommended Torque for Cabinet/Stand screws : 22.0 ~ 26.5lbf
     - A strength of Torque can be changed depending on the situation.

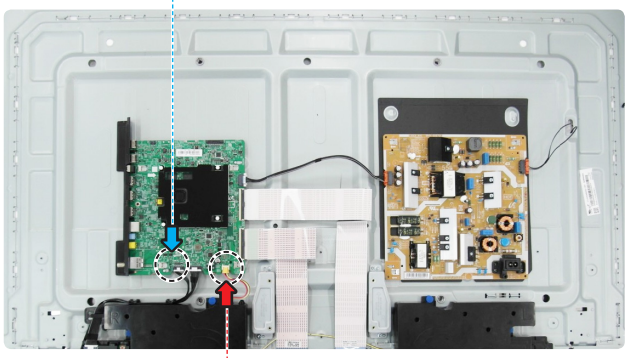
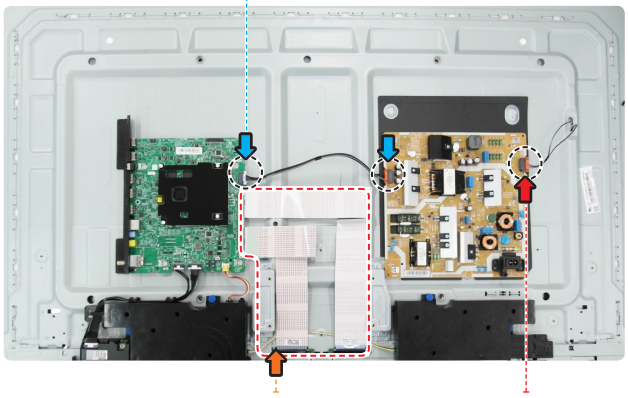
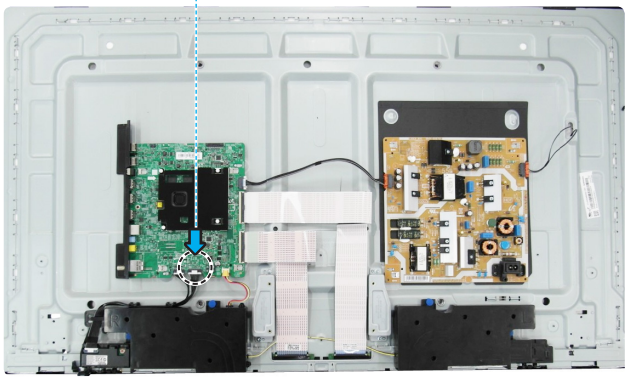
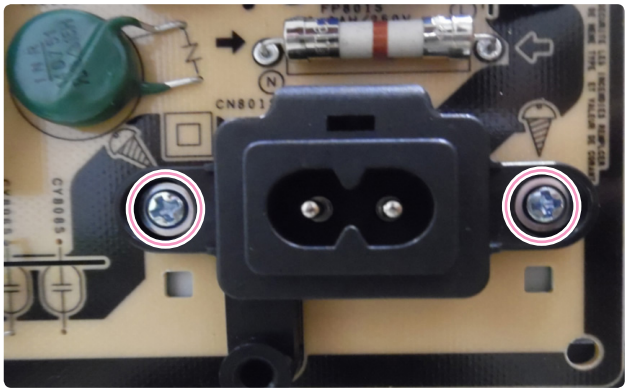
Required Jigs & Tools		
	• Open Jig Tool	BN81-12884A
	• Protective Cushion	BN81- 10739A

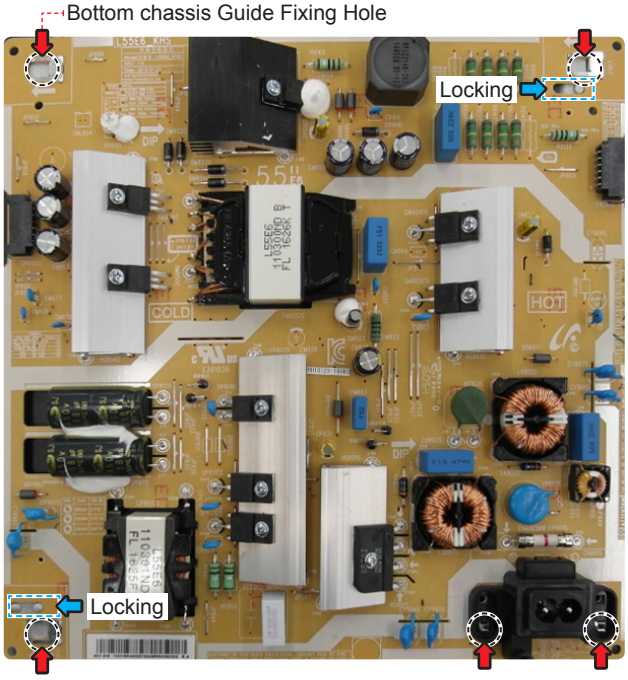
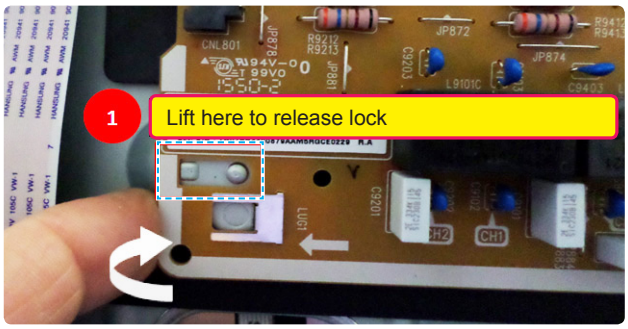
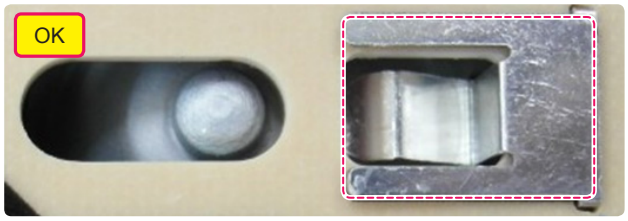
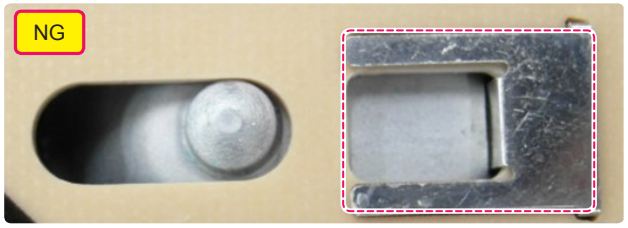
3-1. Disassembly and Reassembly

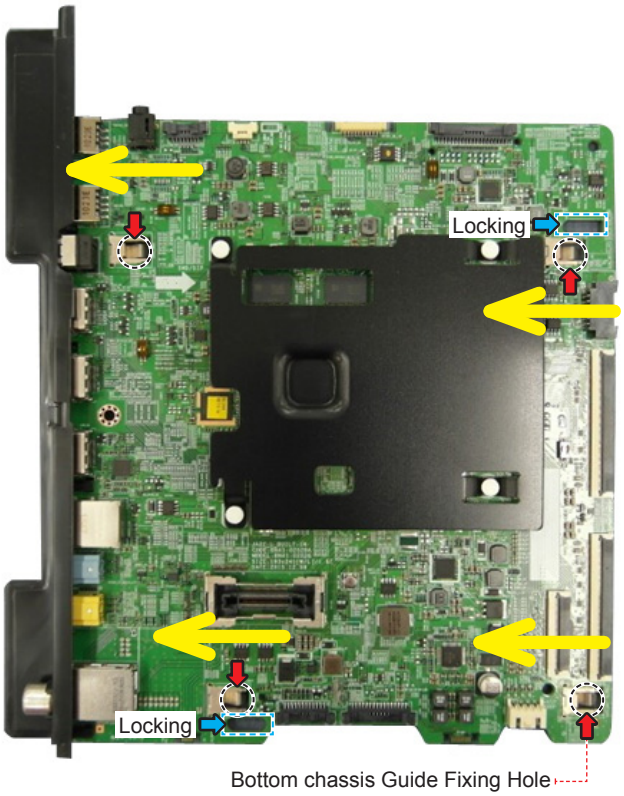
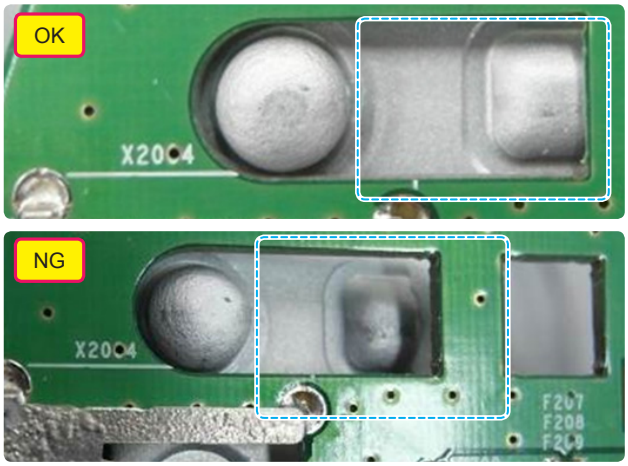
Description & Screws	Picture Description
1 Carefully position the TV so that the screen is facing downwards. Make sure to place the TV upon a soft cushion or any material that will prevent damage to the screen. • Place TV face down on the Protective Cushion.	

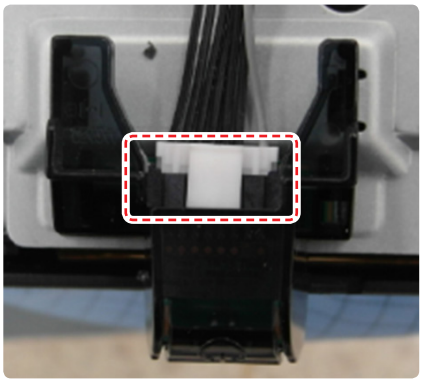
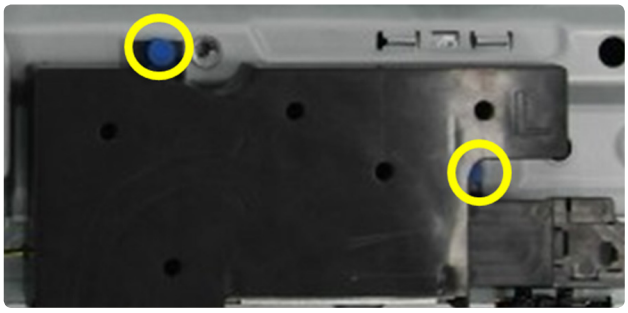
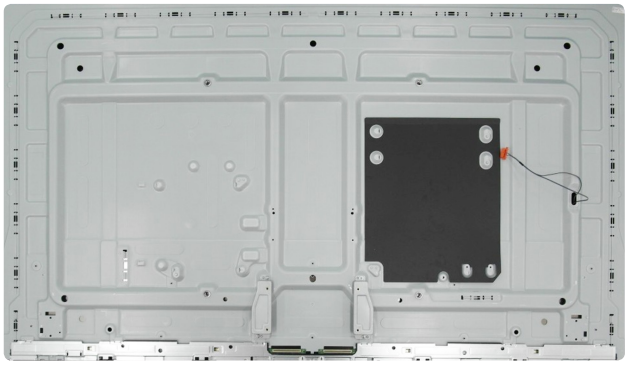
Description & Screws	Picture Description
2 Remove the screws connecting the stand to the TV. Then carefully remove the stand. • 43" : 4 EA • 49" : 4 EA • 55" : 4 EA **Screws** **6003-001334** SCREW-TAPTYPE : M4 x L14, ZPC(BLK)	
3 Remove the ASSY COVER P-REAR. • Insert Open Jig in a Disassembly furrow to Open the furrow. And Move Open Jig to the side.	
• Continue moving the dissembly Jig to the 'Open Direction' to lift 'Hook' **CAUTION** • The Open Jig and the Cushion must be used otherwise panel may be damaged. • Never use a scredriver or any other objects other than the Open Jig to remove the back cover. • Do not use the Open Jig on the bottom side of screen.	 <Red Points are Hook Location> 

Description & Screws	Picture Description
• Disassemble all Hooks of Cover Rear along the three side.	
• Lift top side then pull back to remove the back cover.	
• Panel Back Side View	
4 If there are Electric tapes, Remove them. **NOTE** • When assembling the TV, the electric tapes must be applied on the same locations. Please remember to take a picture of where the tapes were first applied. • When assembling the Boards, please make sure All Board **Mounting Clip**s are securly inserted.	 Caution Dressing Mounting Clip

Description & Screws	Picture Description
5 Remove the All Cables. • ASSY BOARD P-FUNCTION TACT Cable • ASSY SPEAKER P-FRONT (R/L) Cable	ASSY BOARD P-FUNCTION TACT Cable  ASSY SPEAKER P-FRONT (R/L) Cable
• Power Cable • BLU Cable • USI-T Cables	Power Cable  USI-T Cables BLU Cable
• NETWORK-WLAN CLIENT Cable	NETWORK-WLAN CLIENT Cable 
6 Remove the screws from DC VSS-PD BOARD. **Screws** **6001-003016** SCREW-MACHINE : M3 x L5, ZPC(WHT)	

Description & Screws	Picture Description
7 Remove the DC VSS-PD BOARD. • Use both hands to hold the **SMPS** and gently lift up at point indicated by the arrow to release the lock.	Bottom chassis Guide Fixing Hole 
• Lift here to release lock.	
• Slide the board to the Right side to release the board.	
	
	

Description & Screws	Picture Description
8 Remove the ASSY PCB MAIN BOARD. • Gently lift up to release the lock (Locking ➡). • Use both hands to hold (Bottom chassis Guide Fixing Hole ➡) the board and slide to the left to release the board. **NOTE** When installing the ASSY PCB MAIN BOARD, verify the board is properly positioned in all 4 mounting slots.	
• Locking ➡	
9 Remove the NETWORK-WLAN CLIENT(BT/WIFI unit).	

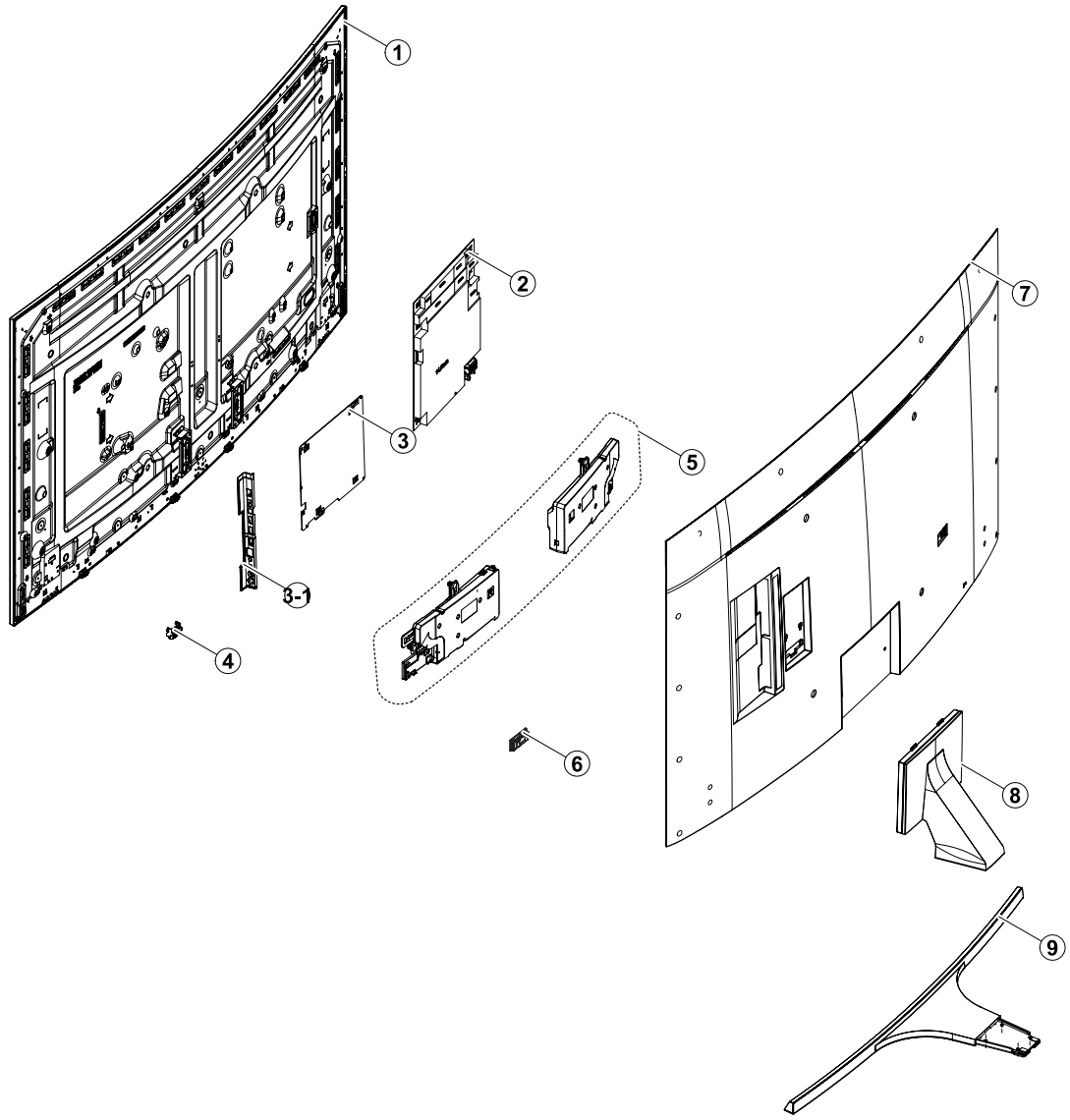
Description & Screws	Picture Description
10 Remove the ASSY BOARD P-FUNCTION TACT(Function/IR unit).	
11 Remove the ASSY SPEAKER P-FRONT (R/L) on both sides.	
12 Completed the disassembly.	

NOTE

Reassembly procedures are in the reverse order of disassembly procedures.

ANNEX. Exploded View & Part List [UE43KU6642UXXH AA01]

1-1. Exploded View



1-1-1. Parts List

No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1	BN95-02645D	PRODUCT LCD-AUO; CY-VK043HGAV4V/H,KU6500,	1	SA	
2	BN44-00875A	DC VSS-PD BOARD; L40E6_KSM,AC/DC,138W,100	1	SA	
3	BN94-11054A	ASSY PCB MAIN; LED TV	1	SA	
3-1	BN63-15666B	COVER-TERMINAL SIDE; 43KU6500,HIPS,MOLD,H	1	SA	
4	BN96-39802C	ASSY BOARD P-FUNCTION TACT; KS7000/7500/K	1	SA	
5	BN96-39967A	ASSY SPEAKER P-FRONT; TV-SPK,KU6500,6ohm,	1	SA	
6	BN59-01239A	NETWORK-WLAN CLIENT; WCK730B,USB 2.0,16P,	1	SA	
7	BN96-40126C	ASSY COVER P-REAR; 43KU6500,PC+ABS+ED20%,	1	SA	
8	BN96-40777A	ASSY GUIDE P-STAND; 43KU6640,PC+GF20%,BK0	1	SA	
9	BN96-40776A	ASSY STAND P-BOTTOM; 43UK6640,PC+ABS,BK00	1	SA	

2-1. Electrical Parts List

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

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
			UE43KU6642UXXH (AA01)			
1	R001A	BN90-08103C	ASSY COVER REAR;LED TV 6K	1	SNA	
0.2	R001A	BN96-40126C	ASSY COVER P-REAR;43KU6500,PC+ABS+ED20%,	1	SA	
..3	R001	BN63-15225B	COVER-REAR;43KU6500,PC+ABS+ED20%,MOLD,V-	1	SNA	
...4		0103-010818	RESIN PC ABS;CM20G/BK00749,BLACK,BK0007,	2150	SNA	
..3		BN64-03571D	INLAY-TERMINAL SIDE;43KU6500,PET,T0.125,	1	SNA	
..3		BN68-03518H	LABEL-STICKER CI SLOT;WW,ALL,PET,T0.1,W1	1	SNA	
..3		BN68-07835C	LABEL-STICKER LICENSE;40K5500,PET,0.125,	1	SNA	
1	S001A	BN90-08129C	ASSY STAND;LED TV 6K	1	SNA	
0.2	SB02A	BN96-40776A	ASSY STAND P-BOTTOM;43UK6640,PC+ABS,BK00	1	SA	
..3		0203-001499	TAPE-OPP;T0.04,W15,,TRP	0	SNA	
..3	SCREW	6003-001321	SCREW-TAPTYPE;BH,+,B,M4,L8,ZPC(BLK),SWRC	4	SA	
..3	AS080	BN63-04755H	SHEET-PROTECTION COVER;52LC530,PE,T0.05,	0	SNA	
..3	AS080	BN63-04755L	SHEET-PROTECTION COVER;22LC350,PE,T0.05,	1	SNA	
..3		BN63-13128E	SHEET-PROTECTION COVER;LED,AL,T0.05,W13,	1	SNA	
..3	RF01	BN67-00327J	FOOT-RUBBER;SILICONE,GRAY,T2.5	2	SNA	
..3		BN95-02076F	ASSY COVER STAND SMT-FRONT;KU6500,43,BK0	1	SNA	
...4		0203-001269	TAPE-OPP;#301,T0.06,W75,L50000,NTR	0	SNA	
...4		0204-007315	COATING;CVM92000(VOC),CLEAR,1.06	0	SNA	
...4		AA69-07115F	PAD-DP SHEET;CB,W790,L510	1	SNA	
...4		AA69-07196S	PAD-DP SHEET;CB,DW-5,W790,L318	1	SNA	
...4		AA69-07324U	MASTER BOX-DP;CB,DW,W325,H545	1	SNA	
...4		AA69-07369A	PAD-DP BOTTOM EPP;CB,W788,L513,0	1	SNA	
...4		BN01-00337A	TARGET-ALUMINIUM CY;Al,99.9%,1924mm, 132	0	SNA	
...4		BN01-00340A	TARGET-CHROMIUM CY;Cr,99.5%,1924mm, 132d	0	SNA	
...4		BN63-11118L	SHEET-PROTECTION COVER;55JU7000,PET,T0.0	1	SNA	
...4		BN63-13386D	COVER-STAND TOP;43KU6500,PC+ABS,MOLD,V-0	1	SNA	
....5		BN63-11118L	SHEET-PROTECTION COVER;55JU7000,PET,T0.0	1	SNA	
...4		BN68-03920A	LABEL BOX;ALL,ART,100g,W100,L75,W/W	1	SNA	
...4		BN69-10617B	PACKING SHEET;32" UH6300,HDPE/PE FOAM,PE	1	SNA	
..3		BN96-32380B	ASSY ACCESSORY-SCREW;BN69-10588A,BN61-09	1	SNA	
...4	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;BH+,SWRCH18A,BLACK,PRESS,B T	4	SA	
...4		BN69-10588A	BAG SCREW;LDPE,0.05,70,90,TRP,LED TV,LDP	1	SNA	
..3	SB02A	BN96-38160B	ASSY STAND P-BOTTOM;JU7500, 40,ABS, HAIR	1	SNA	
...4	SCREW	6003-001001	SCREW-TAPTYPE;FH,+,-,B,M3,L8,ZPC(BLK),SW	2	SA	
...4	SCREW	6003-001374	SCREW-TAPTYPE;FH,+,B,M4,L12,NI PLT,SWRCH	2	SA	
...4		BN60-00162Y	SPACER-FOAM;PE FOAM,ROLL,GRAY,T0.35,W10	1	SNA	
...4		BN61-11615A	BRACKET-STAND BODY;HGI,T1.6,NATURAL	1	SNA	
...4		BN63-13382B	COVER-STAND TOP;JU7500_40,PC+ABS,MOLD,V-	1	SNA	
....5		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	241	SNA	
...4	RF01	BN67-00327J	FOOT-RUBBER;SILICONE,GRAY,T2.5	4	SNA	
...4		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	1	SNA	
...4		BN96-35520A	ASSY BRACKET P-STAND BOTTOM;JU7500,40"	1	SNA	
....5	SCREW	6003-001374	SCREW-TAPTYPE;FH,+,B,M4,L12,NI PLT,SWRCH	2	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....5		BN61-11606A	BRACKET-LINK;HGI,T3,NATURAL	1	SNA	
....5		BN61-11611A	BRACKET-STAND BOTTOM;HGI,T3,NATURAL	1	SNA	
..3	T0382	BP61-00495C	TAPE PET;ACRYL,PJT,ACRYL,T0.25,W30,L3300	0	SNA	
0.2	SG01A	BN96-40777A	ASSY GUIDE P-STAND;43KU6640,PC+GF20%,BK0	1	SA	
..3		6902-002059	BAG PE;HDPE/PE FOAM,T0.015/T0.5,W300,L40	1	SNA	
..3	SG03	BN61-13684A	GUIDE-STAND;43KU6500,PC+GF20%,V-2,BK0007	1	SNA	
...4		0103-007285	RESIN PC;HF3200H,K21294,BK0007,V-2	580	SNA	
..3	CCM1	BN63-05135D	SHEET-PROTECTION COVER;Ruby 32",PE,T0.5,	0	SNA	
..3		BN63-15477A	COVER-STAND NECK FRONT;43KU6500,PC+ABS,M	1	SNA	
..3		BN63-15479A	COVER-STAND NECK REAR;43KU6500,PC+ABS,MO	1	SNA	
...4		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	136	SNA	
...4		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	3	SNA	
..3		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	2	SNA	
..3		BN96-36261A	ASSY ACCESSORY-SCREW;JU7000 75",6003-001	1	SNA	
...4	SCREW	6003-001334	SCREW-TAPTYPE;BH,+,S,M4,L14,ZPC(BLK),SWR	4	SA	
...4		6902-002476	BAG SCREW;LDPE,T0.05*,W70,L90,TRP,RECYCL	1	SNA	
..3		BN96-40779A	ASSY COVER P-STAND DECORATION;43KU6500,P	1	SA	
...4		BN61-13387A	HOLDER-COVER;55KU6500,TPE,BK0007,V-2,NYL	4	SNA	
...4		BN63-15506A	COVER-STAND DECORATION REAR;43KU6500,PC+	1	SNA	
....5		0103-010818	RESIN PC ABS;CM20G/BK00749,BLACK,BK0007,	95	SNA	
....5		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	2	SNA	
1		BN90-08352B	ASSY W/I;UKU6500U	1	SNA	
0.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA	
0.2		BN81-12851R	A/S PART SET-MECH W/I;UKU6500U,U43KU*	1	SNA	
1	M0017	BN91-17259D	ASSY CHASSIS;LED TV 6K	1	SNA	
0.2	M0014	BN94-11054A	ASSY PCB MAIN;LED TV	1	SA	
..3		BN62-00817A	HEAT SINK-PS;55KU6000,A1050,T1.5,W115,L1	1	SNA	
..3		BN63-15666B	COVER-TERMINAL SIDE;43KU6500,HIPS,MOLD,H	1	SA	
..3		BN97-10916A	ASSY DRM;JAZZ-L,DVB,NagSam, MAC, HDCP, C	1	SNA	
...4		BN46-00109H	KEY CODE-CERTIFICATION;MAC,TV/AV,General	1	SNA	
...4		BN46-00110P	KEY CODE-CERTIFICATION;MIRACAST(HDCP2.2)	1	SNA	
...4		BN46-00500A	KEY CODE-CERTIFICATION;JAZZ-L,Nagra CSC	1	SNA	
...4		BN46-00514A	KEY CODE-CERTIFICATION;CI PLUS,Jazz M, J	1	SNA	
..3		BN97-10973A	ASSY SMD;LED 6K	1	SNA	
...4		0202-001899	SOLDER-CREAM;M705-GRN360-K2-VT,20-38um,S	4	SNA	
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA	
...4		0402-000511	DIODE-SCHOTTKY;SS14,40V,1000mA,DO-214AC,	1	SNA	
...4		0403-001164	DIODE-ZENER;MMSZ5232B,5.32~5.88V,500mW,S	1	SA	
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	3	SNA	
...4		0403-001831	DIODE-ZENER;KDZ12B,12~13.5V,1000mW,SOD-1	1	SA	
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA	
...4		0404-001307	DIODE-SCHOTTKY;SSC54,40V,5000mA,DO-214AB	1	SA	
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	4	SA	
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	1	SA	
...4		0404-001881	DIODE-SCHOTTKY;SS3040-HE,40V,3000mA,SOD-	4	SA	
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA	
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	2	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		0406-001290	DIODE-TVS;3.0SMCJ20A,22.2V,24.5V,5MAV,30	1	SNA	
...4		0406-001628	DIODE-TVS;AOZ8804ADI,6V,1MAV,5A,TP	1	SA	
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA	
...4		0406-001643	DIODE-TVS;1SMA33AT3G,36.7V,38.65V,40.6V,	1	SNA	
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	2	SA	
...4		0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	1	SNA	
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	7	SC	
...4		0504-000126	TR-DIGITAL;KSR1101,NPN,200mW,4.7K/4.7K,S	1	SA	
...4		0505-001844	FET-SILICON;SI4435DDY-T1-GE3,P,30V,-11.4	1	SA	
...4		0505-002560	FET-SILICON;AO6415,P,20V,-3.3A,0.15ohm,1	1	SA	
...4		0505-002598	FET-SILICON;AP2317GN,P,20V,-4.2A,0.052oh	1	SA	
...4		0505-002660	FET-SILICON;Si2308BDS,N,60V,2.3A,0.156oh	1	SNA	
...4		0505-002790	FET-SILICON;ZXMP6A17G,P,60V,-4.3A,0.190o	1	SA	
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	2	SA	
...4		0505-003205	FET-SILICON;DMG4435SSS-13,P,30V,-7.3A,1.	1	SA	
...4		0505-003224	FET-SILICON;AO6405,P,30V,-5A,0.052ohm,2W	1	SA	
...4		0505-003391	FET-SILICON;AOD2922,N,100V,8A,140Mohm,18	1	SA	
...4		0505-003397	FET-SILICON;2N7002K,N,60V,0.38A,1.19ohm,	1	SA	
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	5	SA	
...4		0801-003603	IC-CMOS LOGIC;MC74LCX244MN2TWG,Octal buf	1	SA	
...4		1001-001998	IC-ANALOG MULTIPLEX;NX3DV221GM,USB switc	2	SA	
...4		1003-002786	IC-LEVEL DRIVER;AUO-S302.19,TQFN,32P,4mm	1	SA	
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,64Kx8,	1	SA	
...4		1105-002704	IC-DDR4 SDRAM;K4F8E304HB-MGCH,LPDDR4-SDR	1	SA	
...4		1105-002751	IC-DDR4 SDRAM;K4F2E3S4HM-MGCJ,LPDDR4-SDR	1	SA	
...4		1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA	
...4		1201-003690	IC-AUDIO AMP;TAS5747PHPR,QFP,48P,DUAL,PL	1	SA	
...4		1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA	
...4		1203-008102	IC-POSI.FIXED REG.;S-13A1D12-E800,HSOP,8	1	SNA	
...4		1203-008104	IC-POSI.FIXED REG.;S-13A1D18-E800,HSOP,8	1	SNA	
...4		1203-008105	IC-POSI.FIXED REG.;S-13A1D33-E800,HSOP,8	1	SNA	
...4		1203-008391	IC-DC/DC CONVERTER;AOZ1269QI-02,QFN-23L,	1	SA	
...4		1203-008392	IC-VOL. DETECTOR;S-6414AAB-L800X,TSOT-23	1	SA	
...4		1203-008448	IC-DC/DC CONVERTER;A8305SESTR-T,QFN,16,3	1	SNA	
...4		1203-008454	IC-DC/DC CONVERTER;TPS56528,HSOP8,8,4,89	2	SA	
...4		1203-008522	IC-DC/DC CONVERTER;SN1501019DDCR,SOT-23,	2	SNA	
...4		1203-008551	IC-DC/DC CONVERTER;BM81244,QFN,40P,6x6mm	1	SNA	
...4		1203-008655	IC-DC/DC CONVERTER;BM81249MWW,QFN,56,7x7	1	SA	
...4		1203-008725	IC-POSI.ADJUST REG.;SC4508A,MLPQ,12,4x4m	1	SA	
...4		1203-008732	IC-DC/DC CONVERTER;SYD104ADC,TSOT-23,6,3	1	SA	
...4		1203-008733	IC-DC/DC CONVERTER;AOZ1236QI-02,QFN,23,4	2	SA	
...4		1204-003697	IC-DECODER;SDP1531,FCPBGA,1046P,31x31,GL	1	SA	
...4		1205-004822	IC-SWITCH;TPS22965DSGR,SON,8P,2x2x0.75mm	3	SNA	
...4		1205-005325	IC-REPEATER;PS8409QFN48GTR2-A1,QFN,48P,6	1	SNA	
...4		1205-005519	IC-SWITCH;ET20163,SOT23-5,5P,2.95x3.02mm	3	SA	
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1mW/C,TP,1.6	2	SNA	
...4		1405-001232	VARISTOR;6.4V,5.6Vdc,30A,1.6x0.8mm,TP,19	2	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		1405-001271	VARISTOR;35V,20VDC,5A,1.0x0.5mm,TP,100V,	15	SA	
...4		1405-001381	VARISTOR;11V,8VDC,30A,1.6x0.8mm,TP,25V,5	2	SA	
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2.0x1.25mm,TP,	2	SA	
...4		2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	1	SC	
...4		2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	1	SA	
...4		2007-000039	R-CHIP;0ohm,1%,1/10W,TP,1608	8	SA	
...4		2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	12	SA	
...4		2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA	
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA	
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	17	SNA	
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	21	SNA	
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	3	SNA	
...4		2007-000219	R-CHIP;1.2Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-000265	R-CHIP;1.8Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	4	SA	
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	3	SA	
...4		2007-000516	R-CHIP;2.7Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	8	SA	
...4		2007-000701	R-CHIP;3.6Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000736	R-CHIP;30Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000816	R-CHIP;390Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000881	R-CHIP;4.7ohm,5%,1/8W,TP,2012	16	SNA	
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	3	SNA	
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-001139	R-CHIP;7.5Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005	4	SA	
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	28	SNA	
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005	15	SNA	
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	14	SNA	
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005	4	SA	
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005	67	SNA	
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005	3	SNA	
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	14	SA	
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	35	SNA	
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	32	SNA	
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	1	SA	
...4		2007-007310	R-CHIP;8.2Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005	11	SA	
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	13	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	5	SNA	
...4		2007-007488	R-CHIP;75Kohm,1%,1/16W,TP,1005	5	SNA	
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005	6	SNA	
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005	5	SA	
...4		2007-007643	R-CHIP;2Mohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007720	R-CHIP;300Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007723	R-CHIP;75Kohm,1%,1/10W,TP,1608	3	SA	
...4		2007-007766	R-CHIP;2Kohm,1%,1/16W,TP,1005	22	SNA	
...4		2007-007767	R-CHIP;200ohm,1%,1/16W,TP,1005	8	SA	
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005	8	SA	
...4		2007-007830	R-CHIP;14Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007847	R-CHIP;16Kohm,1%,1/10W,TP,1608	5	SA	
...4		2007-007942	R-CHIP;1Mohm,1%,1/16W,TP,1005	1	SNA	
...4		2007-007981	R-CHIP;180Kohm,1%,1/16W,TP,1005	1	SNA	
...4		2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	9	SNA	
...4		2007-008263	R-CHIP;3Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-008269	R-CHIP;51Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-008298	R-CHIP;49.9ohm,1%,1/16W,TP,1005	4	SA	
...4		2007-008391	R-CHIP;6.34Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	2	SC	
...4		2007-008779	R-CHIP;0ohm,1%,1/16W,TP,1005	3	SA	
...4		2007-009117	R-CHIP;49.9Kohm,1%,1/16W,TP,1005	1	SA	
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-009777	R-CHIP;4.99Kohm,1%,1/16W,TP,1005	2	SA	
...4		2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	6	SA	
...4		2011-001264	R-NETWORK;10ohm,5%,1/16W,L,CHIP,8P,TP,2.	8	SNA	
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	6	SA	
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005	4	SA	
...4	AD480	2203-000254	C-CER,CHIP;10nF,10%,16V,X7R,TP,1005	5	SA	
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	3	SA	
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,0.5	3	SNA	
...4	AD480	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,TP,1005	3	SA	
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005	13	SA	
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005	2	SA	
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005	3	SA	
...4	AD480	2203-000812	C-CER,CHIP;0.033nF,5%,50V,C0G,TP,1005	9	SA	
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005	1	SA	
...4	AD480	2203-001428	C-CER,CHIP;470nF,10%,50V,X7R,TP,2012	1	SNA	
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	6	SNA	
...4	AD480	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,TP,1608	1	SNA	
...4	AD480	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	1	SNA	
...4	AD480	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	SNA	
...4	AD480	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,TP,10	2	SA	
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,0.8	8	SA	
...4	AD480	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	7	SNA	
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,0.5	2	SNA	
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005	8	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	AD480	2203-006088	C-CER,CHIP;330nF,10%,10V,X7R,TP,1608	1	SA	
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005	3	SNA	
...4	AD480	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,TP,1005,T0.	107	SNA	
...4	AD480	2203-006324	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1608	16	SA	
...4	AD480	2203-006348	C-CER,CHIP;1000nF,10%,25V,X5R,TP,1608,0.	2	SA	
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	27	SNA	
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,0.	3	SNA	
...4	AD480	2203-006824	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1608	5	SNA	
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005	9	SA	
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	2	SA	
...4	AD480	2203-006890	C-CER,CHIP;10000nF,20%,6.3V,X5R,TP,1608	29	SNA	
...4	AD480	2203-006960	C-CER,CHIP;1000nF,10%,50V,X7R,TP,2012	1	SNA	
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,1	20	SNA	
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608(	72	SA	
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	13	SA	
...4	AD480	2203-007270	C-CER,CHIP;10000nF,10%,10V,X5R,TP,1608,0	24	SNA	
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,1	49	SNA	
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,0.5	42	SA	
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	19	SA	
...4		2402-001268	C-AL,SMD;100uF,20%,25V,WT,TP,8x6.3mm	1	SA	
...4		2409-001240	C-ORGANIC,SMD;33uF,20%,25V,LR,TP,7343(1.	1	SA	
...4		2409-001338	C-POLYMER ,CHIP;47uF,20%,6.3V,TP,3.2x1.6	1	SA	
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1.35Ohm,35mA,15,M	1	SA	
...4		2703-001938	INDUCTOR-SMD;56nH,5%,1005,1.5Ohm,200mA,1	7	SA	
...4		2703-003149	INDUCTOR-SMD;2.2uH,20%,0.055Ohm,3000mA,W	1	SA	
...4		2703-003747	INDUCTOR-SMD;22uH,20%,6060,0.135ohm,1300	2	SA	
...4		2703-003862	INDUCTOR-SMD;10uH,20%,6060,0.065ohm,1900	3	SA	
...4		2703-003913	INDUCTOR-SMD;2.2uH,20%,2520,1.2T,0.116Oh	1	SNA	
...4		2703-003937	INDUCTOR-SMD;1uH,20%,7.0x6.47x3.0mm,0.00	3	SA	
...4		2703-004586	INDUCTOR-SMD;3.3uH,20%,5050,2T,0.063Ohm,	1	SA	
...4		2703-004630	INDUCTOR-SMD;2.2uH,20%,5.0T,0.0025Ohm,66	1	SNA	
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,4T,0.072Ohm,2300m	4	SA	
...4		2703-005191	INDUCTOR-SMD;1.5uH,20%,4.5,0.02Ohm,5300m	1	SA	
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,4.5,0.024Ohm,5100	2	SA	
...4		2703-005198	INDUCTOR-SMD;15uH,20%,3T,0.123Ohm,2500mA	1	SNA	
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10x10.7mm,4.0T,0.0	1	SA	
...4		2801-004021	CRYSTAL-SMD;24.576MHz,20ppm,28-AAN,12pF,	1	SA	
...4		3301-001364	BEAD-SMD;1000ohm,1608,TP,1085ohm/108MHz,	4	SNA	
...4		3301-002039	BEAD-SMD;26ohm,1608,TP	33	SA	
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA	
...4		3601-001376	FUSE-SURFACE MOUNT;32V,3A,FAST-ACTING,Hi	2	SNA	
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	3	SA	
...4		3707-001103	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA	
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	2	SNA	
...4		3710-003908	CONNECTOR-SOCKET;64P,2R,0.5mm,SMD-S,AU,B	1	SA	
...4	EH01	3711-007803	HEADER-BOARD TO CABLE;BOX,12P,1R,1.25mm,	1	SA	
...4	EH01	3711-008131	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,AN	1	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	EH01	3711-008859	HEADER-BOARD TO CABLE;BOX,12P,2R,2mm,ANG	1	SA	
...4		3711-009090	CONNECTOR-HEADER;BOX,16P,1R,1.25mm,SMD-A	1	SA	
...4		3722-003199	JACK-MODULAR;8P/8C,Y,ANGLE,NONE,AU,1PORT	1	SA	
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	2	SA	
...4		3722-003814	JACK-PHONE;1P/7C,NI/SN,YEL,ANGLE,3.5PI,1	1	SA	
...4	JACK	3722-003873	JACK-PHONE;1P/7C,AU/SN,BLU,ANGLE,3.5PI,1	1	SA	
...4		6302-001376	GASKET-SMD;,,CONDUCTIVE FABRIC,T14,W43,L	7	SNA	
...4		BN40-00323A	TUNER-DTV AIR CABLE SAT;DTOS24EH6A,DTOS2	1	SA	
...4		BN41-02528A	PCB-MAIN;KU6000,FR-4,4L,1.6T,193x241mm,1	1	SNA	
...4	CB07	BN61-13312B	BRACKET-PCB;55KS8000,SK5,T0.3,13.7,11.4,	4	SNA	
...4		BN97-10863B	ASSY MICOM-SUB;JMMICOM_EU_TV,UWP60,W25Q4	1	SNA	
....5		1107-002226	IC-NOR FLASH;W25Q40CLSSIP,4Mbit,SOIC,8P,	1	SA	
...4		BN97-10941A	ASSY MICOM;TCON,KU6k,43-AUO-Curved,W25Q8	1	SNA	
....5		1107-002339	IC-NOR FLASH;W25Q80DV,8Mbit,SOP,5.28x5.2	1	SNA	
....5		BN46-00515A	S/W MICOM;Jazz M-L,TCON F/W	1	SNA	
...4		BN97-10947A	ASSY MICOM;T-JZMDEUC,UWP60,THGBMHG6C1LBA	1	SNA	
....5		1107-002422	IC-EMMC;8GB,64Gbx1,BGA,153P,11.50 x 13.0	1	SA	
..3		BN97-11340A	ASSY MICOM;TCON DATA,KU6k,43-AUO-Curved,	1	SNA	
...4		BN46-00537A	S/W MICOM;K43L6U0C,AUO,43L6AU*RK,Curved	1	SNA	
1		BN91-17333A	ASSY SHIELD;LED TV 6K	1	SNA	
0.2	SCREW	6001-003081	SCREW-MACHINE;PWH,+,M3,L5,ZPC(WHT),SWRCH	2	SA	
0.2		BN02-00102B	TAPE-FILAMENT;#8917,0.15,25,50,WHITE	0	SNA	
0.2	EC13	BN39-02217A	LEAD CONNECTOR;UN50KU6000,UL21016,12P,40	1	SA	
0.2		BN39-02219E	LEAD CONNECTOR-SUB ASSY;55K6200,UL21016,	1	SA	
0.2		BN39-02231D	LEAD CONNECTOR-SUB ASSY;43KU6400,UL21016	1	SA	
0.2		BN44-00875A	DC VSS-PD BOARD;L40E6_KSM,AC/DC,138W,100	1	SA	
0.2	WIFI	BN59-01239A	NETWORK-WLAN CLIENT;WCK730B,USB 2.0,16P,	1	SA	
0.2		BN96-39802C	ASSY BOARD P-FUNCTION TACT;KS7000/7500/K	1	SA	
0.2		BN96-39821C	FFC CABLE;49KU6500,Fold,L350,96P	1	SA	
0.2		BN96-39904B	FFC CABLE;65KU6400,Fold,L550,96P	1	SA	
0.2		BN96-39967A	ASSY SPEAKER P-FRONT;TV-SPK,KU6500,6ohm,	1	SA	
1		BN92-19775A	ASSY LABEL;LED TV 6K	1	SNA	
0.2		0203-001598	TAPE-FILAMENT;#8915,0.15,12,55000,CLR	0	SNA	
0.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA	
0.2		BN68-07519A	LABEL-ENERGY;ALL JORDAN,WW,PP,T0.135,W60	1	SNA	
0.2		BN68-07873L	LEAFLET-QUICK SETUP GUIDE;KU6640,EU,W/P,	1	SNA	
1		BN92-19799P	ASSY BOX;LED TV 6K	1	SNA	
0.2		BH68-00662A	LABEL BOX;ALL,ART,90g,W60,L110,WHT,NO SI	1	SNA	
0.2		BN68-05640A	LABEL BOX;ALL,ART,90g,W110,L130,EUROPE,L	1	SNA	
0.2		BN69-14571B	BOX UNIT;43KU6640,CB,DW2,F1,L1094,W168,H	1	SNA	
1		BN92-19823B	ASSY P/MATERIAL;LED TV 6K	1	SNA	
0.2		6902-001956	BAG ROLL;HDPE/PE FOAM,HDPE T0.018mm,T0.2	2	SNA	
0.2		6902-002233	BAG AIR;LDPE,-,T0.2,W900,L1850,TRP,-,-,-	1	SNA	
0.2		6922-000003	BAND;PP,T0.8,W18,L1650M,TRP,DA69-90145A	1	SNA	
0.2		BN02-00319B	TAPE-OPP;OPP,T0.05,W75,L800m,CLEAR	2	SNA	
0.2		BN68-02422B	LABEL-WARNING;ALL,ART,T0.05,W240,L100,Wh	1	SNA	
0.2		BN69-03982N	PACKING ANGLE;ALL,PAPER,-,-,-,-,-,-,-	1	SNA	

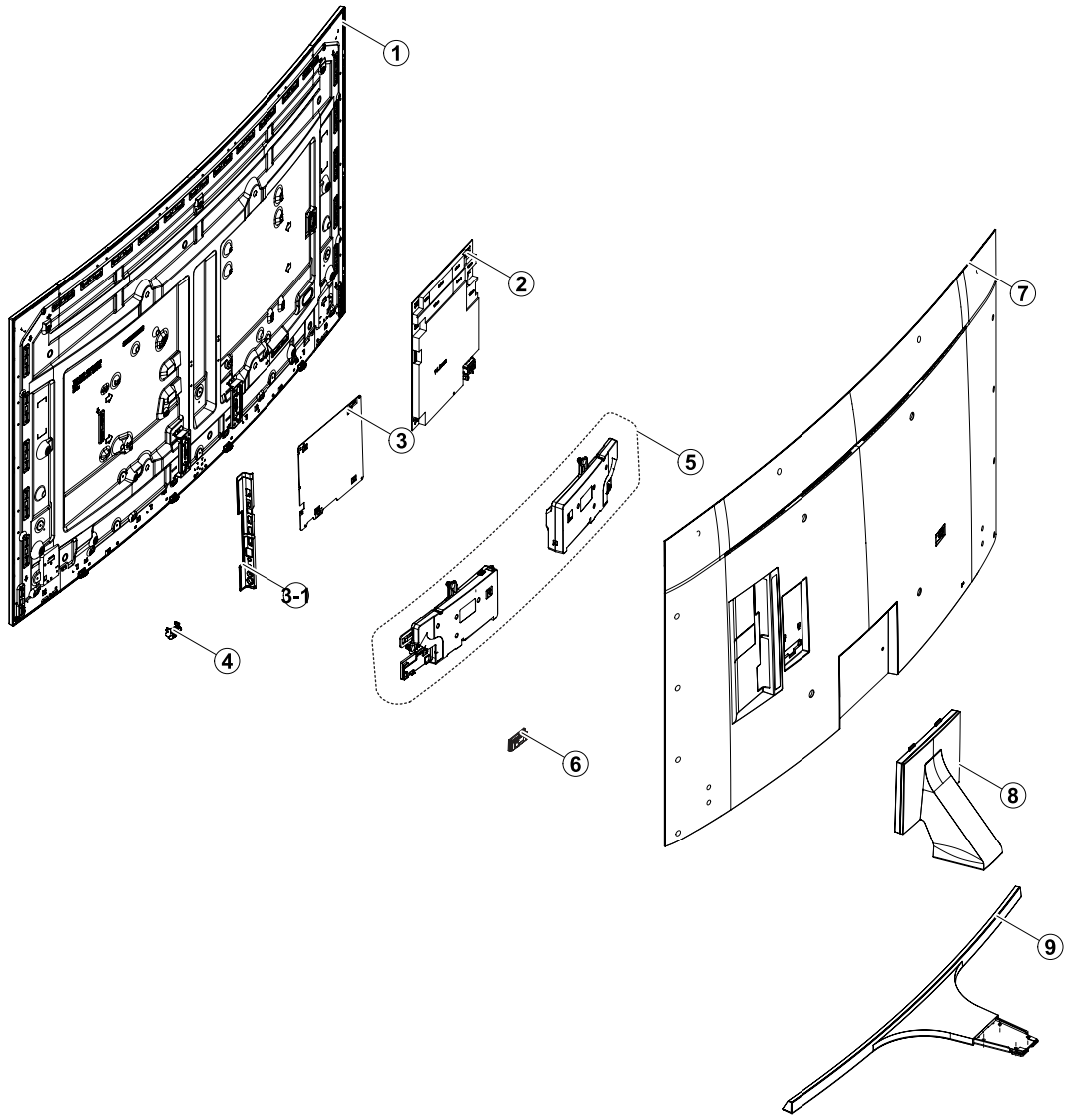
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.2		BN69-05418N	WRAP;T0.017,750,2000000,2000000,750	0	SNA	
0.2		BN69-06640A	PAD-DP SHEET;PAD,CB,SW4,,W1120,L950,,,,,	1	SNA	
0.2		BN69-06640E	PAD-PACKING;TRUCK PAD,CB,-,,W410,L2500,,	1	SNA	
0.2		BN69-12198E	PALLET-DP WOODEN;UE43"J5500,WOOD,-,W1105	1	SNA	
0.2		BN69-13237B	CUSHION-SET;43K6500,EPS,490,16.7g/l,WHT,	1	SNA	
..3		0103-005099	RESIN EPS;BASF303,Natural,Natural	539	SNA	
..3		0203-001269	TAPE-OPP;#301,T0.06,W75,L50000,NTR	1	SNA	
0.2		BN69-13622G	PAD-CUSHION FRONT;43KU6500,CB,CB+EPE,W96	1	SNA	
1	ACCE1	BN92-20009Q	ASSY ACCESSORY;LED TV 6K	1	SNA	
0.2	ACCE2	BN96-39428H	ASSY ACCESSORY-CABLE;UK9X	1	SNA	
..3		3709-001791	CONNECTOR-CARD SLOT;64P,0.5mm,SMD-A,AU,P	1	SA	
..3	T0268	3903-001118	CBF-POWER CORD;DT,EU,Angle,2P(C7),250V,2	1	SA	
..3		4301-000101	BATTERY-ALKALINE;1.5V,1650mAH,LR6,14.5x5	2	SNA	
..3		6902-001965	BAG PE;LDPE,BIOBASED,T0.05,W200,L300,TRP	1	SNA	
..3	EC03	BN39-02189A	GENDER CABLE;DC to RCA Cable,3P,L100,UL2	1	SA	
..3	EC03	BN39-02190A	GENDER CABLE;DC to RCA Cable,2P,L100,UL2	1	SA	
..3		BN59-01242A	REMOCON-SMART CONTROL;2016 TV,Samsung,14	1	SA	
..3		BN96-40152A	ASSY HOLDER P-CABLE;65KS7500,ABS,BK0007,	1	SNA	
...4		BN61-05704A	TAPE-DOUBLE FACE;T1.1,W8,Dark Gray,3M #4	0	SNA	
...4	AH089	BN61-13777A	HOLDER-CABLE;55KS7500,ABS,T15,BK0007,HB,	1	SNA	
...4	AS080	BN63-07556W	SHEET-PROTECTION COVER;F-LED,PO,W12,ROLL	0	SNA	
..3	EH03A	BN96-40460A	ASSY HOLDER P-RING;55KS7500,ABS,BLACK,V-	1	SNA	
...4		6902-001404	BAG PE;LDPE,T0.05,W80,L100,TRP,N	1	SNA	
...4		BN61-13518A	HOLDER-WALL RING;55KS7500,ABS,MOLD,BK000	4	SA	
0.2	ACCE4	BN96-39429K	ASSY ACCESSORY-MANUAL;UK9X	1	SNA	
..3		6902-001964	BAG PE;LDPE,BIOBASED,T0.03,W200,L300,TRP	1	SNA	
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	2	SNA	
..3		BN68-03548J	LEAFLET-WARRANTY;comm,Samsung,17Lang,Mid	1	SNA	
..3		BN68-04972E	LEAFLET-REGULATORY GUIDE;ALL,SAMSUNG,W/W	1	SNA	
..3		BN68-07598A	LEAFLET-FICHE;ALL,W/P,0	1	SNA	
..3		BN68-07866R	MANUAL USERS;KU6600,XH,W/P,EURO B5	1	SNA	
..3		BN68-08099A	LEAFLET;JAZZ-M,EUROPE,W/P,W176,L250,4COL	1	SNA	
1		BN92-20021B	ASSY LABEL POP;LED TV 6K	1	SNA	
0.2		BN68-07971J	LABEL POP-HIGHLIGHT;55KU6600,PET,T0.1,W9	1	SNA	
1	PANEL	BN95-02645D	PRODUCT LCD-AUO;CY-VK043HGAV4V/H,KU6500,	1	SA	
0.2		BN02-00352E	TAPE-OPP;PET,T0.05,W15,L50M,BLK,ULNO.E16	1	SNA	
0.2		BN68-05722A	LABEL-E PASS;POLYPROPYLENE,NON-COATING	1	SNA	
0.2		BN74-00053E	TAPE-PAPER;PAPER,3M2307,0.14T,W20,50m,WH	0	SNA	
0.2		BN90-08328F	ASSY MISC-BLU;2016_LCM_BLU	1	SNA	
..3		6001-002912	SCREW-MACHINE;CH,+,M3,L3,ZPC(BLK),SWRCH1	8	SA	
..3		BN02-00352K	TAPE PET;JS9000,PET,T0.05,W20,L32,BLACK	1	SNA	
..3		BN61-13763A	OPTICAL SHEET-REFLECTOR;16Y_KU6400_43INC	1	SNA	
..3		BN61-13764A	OPTICAL SHEET-COMPLEX;16Y_KU6400_43INCH_	1	SNA	
..3		BN61-13791B	LGP;16Y_KU6400_43INCH_LGP,MS,MS Lenti (V	1	SNA	
..3		BN96-39612B	ASSY CHASSIS REAR P;43KU6500,EGI-SECC,NA	1	SNA	
...4	SCREW	6001-002759	SCREW-MACHINE;CH,+,M3,L4,ZPC(BLK),SWRCH1	4	SA	
...4	SCREW	6001-003016	SCREW-MACHINE;PWH,+,M3.0,L5.0,ZPC(WHT),S	4	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		6041-001068	RIVET-PH;SWRCH10A,OD3.2,L4.3,ZPC(WHT)	10	SNA	
...4		BN02-00040B	TAPE DOUBLE FACE;NNB 32/40/46/55",PET,T0	1	SNA	
...4		BN02-00102B	TAPE-FILAMENT;#8917,0.15,25,50,WHITE	1	SNA	
...4		BN02-00352A	TAPE PET;Y12 F-LED,PET,T0.05,W30,L40,BLA	1	SNA	
...4		BN02-00352B	TAPE-OPP;PET,T0.05,W30,L50M,BLK,ULNO.E16	0	SNA	
...4		BN02-00493A	TAPE PET;55KS9000,PET,T0.05,W5,L50,BLACK	5	SNA	
...4		BN39-02185A	LEAD CONNECTOR-BLU;43 KU6500,UL21016,12P	1	SNA	
...4		BN60-00988V	SPACER-SILICONE;55KU6400,Si,L10,GRAY,T3.	2	SNA	
...4		BN60-01127F	SPACER-SILICONE;55KU6500,SI,L5,GRAY,T2.5	2	SNA	
...4		BN60-01127G	SPACER-SILICONE;55KU6500,SI,L10,BLACK,T2	2	SNA	
...4		BN61-04692A	ADHESIVE-AA;SHEET,CLEAR,C043	1001	SNA	
...4		BN61-05728C	TAPE-DOUBLE FACE;ACRYL,T0.4,W16,DARK GRA	0	SNA	
...4		BN61-08235A	HOLDER-LGP;SNB,SWRCH10A,BLACK,PRESS	2	SNA	
...4		BN61-08235F	HOLDER-LGP;55KS7500,SWRCH10A,EXTRUSION,S	2	SNA	
...4	CB20	BN61-11982A	BRACKET-WALL;Y15 F-LED,CR-SPCC,T1.2,L15.	4	SNA	
...4	CB20	BN61-11982B	BRACKET-WALL;55KS7000,CR-SPCC,T1.2,L15.5	4	SNA	
...4		BN61-13327A	HOLDER-SHEET;55KS7500,ABS,BK0007,HB,COMM	3	SNA	
...4		BN61-13348A	BRACKET-LED PCB;43KS7500,Al,T1.5,NATURAL	1	SNA	
...4		BN61-13557A	BRACKET-WIRE;55KS7000,SW-C,T1,60,SILVER	3	SA	
...4		BN61-13557D	BRACKET-WIRE;55KS7000,SW-C,T1,390,SILVER	4	SA	
...4	CB18	BN61-13608A	BRACKET-STAND LINK;55KU6500,HGI,T1.6,NAT	2	SNA	
...4	AH358	BN61-13908A	HOLDER-REAR;55KS9000,ABS,MOLD,BK0007,HB	4	SNA	
...4		BN63-15674A	INSULATOR-SMPS;43KU6400,PC,BLACK,L250,W1	1	SNA	
...4		BN63-15918A	INSULATOR-SOURCE PCB;43KS7500,PET,BLACK,	1	SNA	
...4	CC04	BN64-03369A	CHASSIS-REAR;43KS7500,EGI-SECC,PRESS,T0.	1	SNA	
....5		BN01-00359A	STEEL;KS7500,EGI-SECC,0.6,600,AG	2967	SNA	
....5	CB20	BN61-11982A	BRACKET-WALL;Y15 F-LED,CR-SPCC,T1.2,L15.	4	SNA	
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA	
...4		BN74-00053E	TAPE-PAPER;PAPER,3M2307,0.14T,W20,50m,WH	0	SNA	
..3		BN96-39678A	ASSY LED BAR P;43 KU6500 (AUO),Left,ALUM	1	SNA	
..3		BN96-39679A	ASSY LED BAR P;43 KU6500 (AUO),Right,ALU	1	SNA	
..3		BN96-40268A	ASSY FRAME P-MIDDLE TOP;43KU6500,PC+GF10	1	SNA	
...4		BN61-13482A	FRAME-MIDDLE TOP;43KU6500,PC+GF10%,V-2,B	1	SNA	
..3		BN96-40380A	ASSY FRAME P-MIDDLE BOTTOM;43KU6500,PC+G	1	SNA	
...4		BN60-00715L	SPACER-CONDUCTIVE;KS7500,CONDUCTIVE FABR	2	SNA	
...4		BN60-01375A	SPACER-SILICONE;43KU6500,Si,L935,GRAY,T0	2	SNA	
...4		BN60-01440A	SPACER-FOAM;43KU6500,PU FOAM,L934,HCS-PD	1	SNA	
...4		BN61-13632A	FRAME-MIDDLE BOTTOM;43KU6500,PC+GF10%,V-	1	SNA	
..3		BN96-40381A	ASSY FRAME P-MIDDLE LEFT RIGHT;43KU6500,	2	SNA	
...4		BN60-01376A	SPACER-SILICONE;43KU6500,Si,L530,GRAY,T0	2	SNA	
...4		BN61-13633A	FRAME-MIDDLE LEFT RIGHT;43KU6500,PC+GF10	2	SNA	
0.2		BN96-39387A	ASSY OPEN CELL;T430QVR01.0,16:9,12	1	SNA	
..3		BN81-12963A	A/S-ADHESIVE ACF;ADHESIVE ACF,47.COF21.0	1	SNA	
..3		BN81-12964A	A/S-ADHESIVE SIL;ADHESIVE SIL,47.23T01.0	1	SNA	
..3		BN81-13113A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,46	1	SNA	
..3		BN81-13114A	A/S-POLARIZER CF;POLARIZER CF,66.C4T60.1	1	SNA	
..3		BN81-13115A	A/S-POLARIZER TFT;POLARIZER TFT,66.T4T59	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..3		BN81-13116A	A/S-SOURCE PCB FRONT LEFT;SOURCE PCB FRO	1	SNA	
..3		BN81-13117A	A/S-SOURCE PCB FRONT RIGHT;SOURCE PCB FR	1	SNA	
..3		BN81-13118A	A/S-SOURCE PCB BACK LEFT;SOURCE PCB BACK	1	SNA	
..3		BN81-13119A	A/S-SOURCE PCB BACK RIGHT;SOURCE PCB BAC	1	SNA	
0.2		BN96-39609A	ASSY COVER P-SOURCE PCB;43KS7500,EGI SEC	1	SNA	
..3		BN63-15250A	COVER-SOURCE PCB;43KS7500,EGI-SECC,T0.6,	1	SNA	
..3		BN63-15775A	INSULATOR-SOURCE PCB COVER;43KS7500,PET,	1	SNA	
0.2		BN96-40402A	ASSY CHASSIS FRONT P;43KU6500,PC+ABS+ED1	1	SA	
..3		BN60-00715D	SPACER-CONDUCTIVE;LCM MNT 28,CONDUCTIVE	4	SNA	
..3		BN60-01178F	SPACER-CONDUCTIVE;43KU6500,CONDUCTIVE FA	2	SNA	
..3		BN60-01178G	SPACER-CONDUCTIVE;43KU6500,CONDUCTIVE FA	2	SNA	
..3		BN60-01319B	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC,L17,	3	SNA	
..3		BN63-10913A	FILM HOT STAMPING-NON CONDUCTIVE;UF8000,	4	SNA	
..3		BN63-10913C	FILM HOT STAMPING-NON CONDUCTIVE;55KU650	1	SNA	
..3		BN63-11875A	SHEET-PROTECTION COVER;Y14 SF-LED,AL,T0.	3	SNA	
..3		BN64-03327A	BADGE;Ni,2001gf/in	1	SNA	
..3	AC155	BN64-03467A	CHASSIS-FRONT;43KU6500,PC+ABS+ED18%,V-1,	1	SNA	
...4		0103-010808	RESIN PC ABS;NH-1210/K21294,BLACK,BK0007	156	SNA	

ANNEX. Exploded View & Part List [UE55KU6642UXXH AA01]

1-1. Exploded View



1-1-1. Parts List

No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1	BN95-02649B	PRODUCT LCD-AUO; CY-VK055HGAV2V/H,KU6500,	1	SA	
2	BN44-00876A	DC VSS-PD BOARD; L55E6_KHS,AC/DC,170W,100	1	SA	
3	BN94-11057C	ASSY PCB MAIN; LED TV	1	SA	
3-1	BN63-15215A	COVER-TERMINAL SIDE; 55KU6000,HIPS,MOLD,H	1	SA	
4	BN96-39802C	ASSY BOARD P-FUNCTION TACT; KS7000/7500/K	1	SA	
5	BN96-39968A	ASSY SPEAKER P-FRONT; TV-SPK,KU6500,6ohm,	1	SA	
6	BN59-01239A	NETWORK-WLAN CLIENT; WCK730B,USB 2.0,16P,	1	SA	
7	BN96-40128D	ASSY COVER P-REAR; 55KU6500,PC+ABS-ED20%,	1	SA	
8	BN96-40390A	ASSY GUIDE P-STAND; 55KU6500,PC+GF20%,BK0	1	SA	
9	BN96-40391A	ASSY STAND P-BOTTOM; 55JU7500,ABS,BK0007,	1	SA	

2-1. Electrical Parts List

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

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
			UE55KU6642UXXH (AA01)			
1	R001A	BN90-08110D	ASSY COVER REAR;LED TV 6K	1	SNA	
0.2	R001A	BN96-40128D	ASSY COVER P-REAR;55KU6500,PC+ABS-ED20%,	1	SA	
..3	R001	BN63-15227B	COVER-REAR;55KU6500,PC+ABS+ED20%,MOLD,V-	1	SNA	
...4		0103-010818	RESIN PC ABS;CM20G/BK00749,BLACK,BK0007,	3380	SNA	
..3		BN64-03529D	INLAY-TERMINAL SIDE;55KU6500,PET,T0.125,	1	SNA	
..3		BN68-03518H	LABEL-STICKER CI SLOT;WW,ALL,PET,T0.1,W1	1	SNA	
..3		BN68-07835C	LABEL-STICKER LICENSE;40K5500,PET,0.125,	1	SNA	
1	S001A	BN90-08130A	ASSY STAND;LED TV 6K	1	SNA	
0.2	SG01A	BN96-40390A	ASSY GUIDE P-STAND;55KU6500,PC+GF20%,BK0	1	SA	
..3		6902-002059	BAG PE;HDPE/PE FOAM,T0.015/T0.5,W300,L40	1	SNA	
..3	SG03	BN61-13685A	GUIDE-STAND;55KU6500,PC+GF20%,V-2,BK0007	1	SNA	
...4		0103-007285	RESIN PC;HF3200H,K21294,BK0007,V-2	617	SNA	
..3	CCM1	BN63-05135D	SHEET-PROTECTION COVER;Ruby 32",PE,T0.5,	0	SNA	
..3		BN63-15478A	COVER-STAND NECK FRONT;55KU6500,PC+ABS,M	1	SNA	
...4		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	134	SNA	
..3		BN63-15480A	COVER-STAND NECK REAR;55KU6500,PC+ABS,MO	1	SNA	
...4		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	3	SNA	
..3		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	2	SNA	
..3		BN96-36261A	ASSY ACCESSORY-SCREW;JU7000 75",6003-001	1	SNA	
...4	SCREW	6003-001334	SCREW-TAPTYPE;BH,+,S,M4,L14,ZPC(BLK),SWR	4	SA	
...4		6902-002476	BAG SCREW;LDPE,T0.05*,W70,L90,TRP,RECYCL	1	SNA	
..3		BN96-40392A	ASSY COVER P-STAND DECORATION;55KU6500,P	1	SNA	
...4		BN61-13387A	HOLDER-COVER;55KU6500,TPE,BK0007,V-2,NYL	4	SNA	
...4		BN63-15507A	COVER-STAND DECORATION REAR;55KU6500,PC+	1	SNA	
....5		0103-010818	RESIN PC ABS;CM20G/BK00749,BLACK,BK0007,	100	SNA	
0.2	SB02A	BN96-40391A	ASSY STAND P-BOTTOM;55JU7500,ABS,BK0007,	1	SA	
..3		0203-001499	TAPE-OPP;T0.04,W15,,TRP	0	SNA	
..3	SCREW	6003-001321	SCREW-TAPTYPE;BH,+,B,M4,L8,ZPC(BLK),SWRC	4	SA	
..3	AS080	BN63-04755H	SHEET-PROTECTION COVER;52LC530,PE,T0.05,	0	SNA	
..3	AS080	BN63-04755L	SHEET-PROTECTION COVER;22LC350,PE,T0.05,	1	SNA	
..3		BN63-13128E	SHEET-PROTECTION COVER;LED,AL,T0.05,W13,	1	SNA	
..3	RF01	BN67-00327J	FOOT-RUBBER;SILICONE,GRAY,T2.5	2	SNA	
..3		BN95-02077E	ASSY COVER STAND SMT-FRONT;55KU6500,PC+A	1	SA	
...4		0203-001269	TAPE-OPP;#301,T0.06,W75,L50000,NTR	0	SNA	
...4		0204-007315	COATING;CVM92000(VOC),CLEAR,1.06	0	SNA	
...4		AA69-07196V	PAD-DP SHEET;CB,DW-5,W890,L293	1	SNA	
...4		AA69-07323C	PACKING-SHEET SMT;HDPE,PE FOAM,T0.015,T1	1	SNA	
...4		AA69-07366Y	MASTER BOX-DP;CB,DW,W300,H530	1	SNA	
...4		AA69-07397B	PAD-DP SHEET;CB,SW,W890,L500,0	1	SNA	
...4		AA69-07402A	PAD-DP BOTTOM EPP;CB,W888,L500,0	1	SNA	
...4		BN01-00337A	TARGET-ALUMINIUM CY;Al,99.9%,1924mm, 132	0	SNA	
...4		BN01-00340A	TARGET-CHROMIUM CY;Cr,99.5%,1924mm, 132d	0	SNA	
...4		BN63-11118L	SHEET-PROTECTION COVER;55JU7000,PET,T0.0	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN63-13387D	COVER-STAND TOP;55KU6500,PC+ABS,MOLD,V-0	1	SNA	
....5		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	310	SNA	
....5		BN63-11118L	SHEET-PROTECTION COVER;55JU7000,PET,T0.0	1	SNA	
...4		BN68-03920A	LABEL BOX;ALL,ART,100g,W100,L75,W/W	1	SNA	
..3		BN96-32380B	ASSY ACCESSORY-SCREW;BN69-10588A,BN61-09	1	SNA	
...4	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;BH+,SWRCH18A,BLACK,PRESS,B T	4	SA	
...4		BN69-10588A	BAG SCREW;LDPE,0.05,70,90,TRP,LED TV,LDP	1	SNA	
..3	SB02A	BN96-38161B	ASSY STAND P-BOTTOM;JU7500, 48-55,ABS, H	1	SNA	
...4	SCREW	6003-001001	SCREW-TAPTYPE;FH,+,-,B,M3,L8,ZPC(BLK),SW	2	SA	
...4	SCREW	6003-001374	SCREW-TAPTYPE;FH,+,B,M4,L12,NI PLT,SWRCH	2	SA	
...4		BN02-00040C	TAPE DOUBLE FACE;F-LED ALL,PET,T0.3,W3,L	1	SNA	
...4		BN60-00163T	SPACER-FOAM;PE FOAM,ROLL,GRAY,T0.35,W15	1	SNA	
...4		BN61-11616A	BRACKET-STAND BODY;HGI,T1.9,NATURAL	1	SNA	
...4		BN63-05199Y	SHEET-PROTECTION COVER;SMT-E6400,PE,T0.0	0	SNA	
...4		BN63-13383B	COVER-STAND TOP;JU7500_48-55,PC+ABS,V-1,	1	SNA	
....5		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	2	SNA	
...4	RF01	BN67-00327J	FOOT-RUBBER;SILICONE,GRAY,T2.5	5	SNA	
...4		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	1	SNA	
...4		BN96-35521A	ASSY BRACKET P-STAND BOTTOM;JU7500,48"	1	SNA	
....5	SCREW	6003-001374	SCREW-TAPTYPE;FH,+,B,M4,L12,NI PLT,SWRCH	2	SA	
....5		BN61-11440A	BRACKET-STAND BOTTOM;HGI,T4,NATURAL	1	SNA	
....5		BN61-11497A	BRACKET-LINK;HGI,T4,NATURAL	1	SNA	
..3	T0382	BP61-00495C	TAPE PET;ACRYL,PJT,ACRYL,T0.25,W30,L3300	0	SNA	
1		BN90-08333D	ASSY W/I;UKU6500R	1	SNA	
0.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA	
0.2		BN81-12851T	A/S PART SET-MECH W/I;UKU6500U,U55KU*	1	SNA	
1	M0017	BN91-17261E	ASSY CHASSIS;LED TV 6K	1	SNA	
0.2	M0014	BN94-11057C	ASSY PCB MAIN;LED TV	1	SA	
..3		BN62-00817A	HEAT SINK-PS;55KU6000,A1050,T1.5,W115,L1	1	SNA	
..3		BN63-15215A	COVER-TERMINAL SIDE;55KU6000,HIPS,MOLD,H	1	SA	
..3		BN97-10916A	ASSY DRM;JAZZ-L,DVB,NagSam, MAC, HDCP, C	1	SNA	
...4		BN46-00109H	KEY CODE-CERTIFICATION;MAC,TV/AV,General	1	SNA	
...4		BN46-00110P	KEY CODE-CERTIFICATION;MIRACAST(HDCP2.2)	1	SNA	
...4		BN46-00500A	KEY CODE-CERTIFICATION;JAZZ-L,Nagra CSC	1	SNA	
...4		BN46-00514A	KEY CODE-CERTIFICATION;CI PLUS,Jazz M, J	1	SNA	
..3		BN97-10975A	ASSY SMD;LED 6K	1	SNA	
...4		0202-001899	SOLDER-CREAM;M705-GRN360-K2-VT,20-38um,S	4	SNA	
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA	
...4		0402-000511	DIODE-SCHOTTKY;SS14,40V,1000mA,DO-214AC,	1	SNA	
...4		0403-001164	DIODE-ZENER;MMSZ5232B,5.32~5.88V,500mW,S	1	SA	
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	3	SNA	
...4		0403-001831	DIODE-ZENER;KDZ12B,12~13.5V,1000mW,SOD-1	1	SA	
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA	
...4		0404-001307	DIODE-SCHOTTKY;SSC54,40V,5000mA,DO-214AB	1	SA	
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	4	SA	
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	1	SA	
...4		0404-001881	DIODE-SCHOTTKY;SS3040-HE,40V,3000mA,SOD-	4	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA	
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	2	SA	
...4		0406-001290	DIODE-TVS;3.0SMCJ20A,22.2V,24.5V,5MAV,30	1	SNA	
...4		0406-001628	DIODE-TVS;AOZ8804ADI,6V,1MAV,5A,TP	1	SA	
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA	
...4		0406-001643	DIODE-TVS;1SMA33AT3G,36.7V,38.65V,40.6V,	1	SNA	
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	2	SA	
...4		0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	1	SNA	
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	7	SC	
...4		0504-000126	TR-DIGITAL;KSR1101,NPN,200mW,4.7K/4.7K,S	1	SA	
...4		0505-001844	FET-SILICON;SI4435DDY-T1-GE3,P,30V,-11.4	1	SA	
...4		0505-002560	FET-SILICON;AO6415,P,20V,-3.3A,0.15ohm,1	1	SA	
...4		0505-002598	FET-SILICON;AP2317GN,P,20V,-4.2A,0.052oh	1	SA	
...4		0505-002660	FET-SILICON;Si2308BDS,N,60V,2.3A,0.156oh	1	SNA	
...4		0505-002790	FET-SILICON;ZXMP6A17G,P,60V,-4.3A,0.190o	1	SA	
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	2	SA	
...4		0505-003205	FET-SILICON;DMG4435SSS-13,P,30V,-7.3A,1.	1	SA	
...4		0505-003224	FET-SILICON;AO6405,P,30V,-5A,0.052ohm,2W	1	SA	
...4		0505-003391	FET-SILICON;AOD2922,N,100V,8A,140Mohm,18	1	SA	
...4		0505-003397	FET-SILICON;2N7002K,N,60V,0.38A,1.19ohm,	1	SA	
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	5	SA	
...4		0801-003603	IC-CMOS LOGIC;MC74LCX244MN2TWG,Octal buf	1	SA	
...4		1001-001998	IC-ANALOG MULTIPLEX;NX3DV221GM,USB switc	2	SA	
...4		1003-002786	IC-LEVEL DRIVER;AUO-S302.19,TQFN,32P,4mm	1	SA	
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,64Kx8,	1	SA	
...4		1105-002704	IC-DDR4 SDRAM;K4F8E304HB-MGCH,LPDDR4-SDR	1	SA	
...4		1105-002751	IC-DDR4 SDRAM;K4F2E3S4HM-MGCJ,LPDDR4-SDR	1	SA	
...4		1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA	
...4		1201-003690	IC-AUDIO AMP;TAS5747PHPR,QFP,48P,DUAL,PL	1	SA	
...4		1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA	
...4		1203-008102	IC-POSI.FIXED REG.;S-13A1D12-E800,HSOP,8	1	SNA	
...4		1203-008104	IC-POSI.FIXED REG.;S-13A1D18-E800,HSOP,8	1	SNA	
...4		1203-008105	IC-POSI.FIXED REG.;S-13A1D33-E800,HSOP,8	1	SNA	
...4		1203-008391	IC-DC/DC CONVERTER;AOZ1269QI-02,QFN-23L,	1	SA	
...4		1203-008392	IC-VOL. DETECTOR;S-6414AAB-L800X,TSOT-23	1	SA	
...4		1203-008448	IC-DC/DC CONVERTER;A8305SESTR-T,QFN,16,3	1	SNA	
...4		1203-008454	IC-DC/DC CONVERTER;TPS56528,HSOP8,8,4,89	2	SA	
...4		1203-008522	IC-DC/DC CONVERTER;SN1501019DDCR,SOT-23,	2	SNA	
...4		1203-008551	IC-DC/DC CONVERTER;BM81244,QFN,40P,6x6mm	1	SNA	
...4		1203-008655	IC-DC/DC CONVERTER;BM81249MWW,QFN,56,7x7	1	SA	
...4		1203-008725	IC-POSI.ADJUST REG.;SC4508A,MLPQ,12,4x4m	1	SA	
...4		1203-008732	IC-DC/DC CONVERTER;SYD104ADC,TSOT-23,6,3	1	SA	
...4		1203-008733	IC-DC/DC CONVERTER;AOZ1236QI-02,QFN,23,4	2	SA	
...4		1204-003697	IC-DECODER;SDP1531,FCPBGA,1046P,31x31,GL	1	SA	
...4		1205-004822	IC-SWITCH;TPS22965DSGR,SON,8P,2x2x0.75mm	3	SNA	
...4		1205-005325	IC-REPEATER;PS8409QFN48GTR2-A1,QFN,48P,6	1	SNA	
...4		1205-005519	IC-SWITCH;ET20163,SOT23-5,5P,2.95x3.02mm	3	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1mW/C,TP,1.6	2	SNA	
...4		1405-001232	VARISTOR;6.4V,5.6Vdc,30A,1.6x0.8mm,TP,19	2	SNA	
...4		1405-001271	VARISTOR;35V,20Vdc,5A,1.0x0.5mm,TP,100V,	15	SA	
...4		1405-001381	VARISTOR;11V,8VDC,30A,1.6x0.8mm,TP,25V,5	2	SA	
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2.0x1.25mm,TP,	2	SA	
...4		2007-000029	R-CHIP;0ohm,5%,1/8W,TP,2012	1	SC	
...4		2007-000033	R-CHIP;0ohm,5%,1/4W,TP,3216	1	SA	
...4		2007-000039	R-CHIP;0ohm,1%,1/10W,TP,1608	8	SA	
...4		2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000066	R-CHIP;20Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	12	SA	
...4		2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA	
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	SA	
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	17	SNA	
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	21	SNA	
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	3	SNA	
...4		2007-000219	R-CHIP;1.2Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-000265	R-CHIP;1.8Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-000308	R-CHIP;10ohm,5%,1/8W,TP,2012	4	SA	
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	3	SA	
...4		2007-000516	R-CHIP;2.7Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	8	SA	
...4		2007-000701	R-CHIP;3.6Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000736	R-CHIP;30Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000816	R-CHIP;390Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000881	R-CHIP;4.7ohm,5%,1/8W,TP,2012	16	SNA	
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	3	SNA	
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-001139	R-CHIP;7.5Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005	4	SA	
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	28	SNA	
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005	15	SNA	
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	14	SNA	
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005	4	SA	
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005	67	SNA	
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005	3	SNA	
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	14	SA	
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	35	SNA	
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	32	SNA	
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	1	SA	
...4		2007-007310	R-CHIP;8.2Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005	11	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	13	SNA	
...4		2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	5	SNA	
...4		2007-007488	R-CHIP;75Kohm,1%,1/16W,TP,1005	5	SNA	
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005	6	SNA	
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005	5	SA	
...4		2007-007643	R-CHIP;2Mohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007720	R-CHIP;300Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007723	R-CHIP;75Kohm,1%,1/10W,TP,1608	3	SA	
...4		2007-007766	R-CHIP;2Kohm,1%,1/16W,TP,1005	22	SNA	
...4		2007-007767	R-CHIP;200ohm,1%,1/16W,TP,1005	8	SA	
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005	8	SA	
...4		2007-007830	R-CHIP;14Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007847	R-CHIP;16Kohm,1%,1/10W,TP,1608	5	SA	
...4		2007-007942	R-CHIP;1Mohm,1%,1/16W,TP,1005	1	SNA	
...4		2007-007981	R-CHIP;180Kohm,1%,1/16W,TP,1005	1	SNA	
...4		2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	9	SNA	
...4		2007-008263	R-CHIP;3Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-008269	R-CHIP;51Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-008298	R-CHIP;49.9ohm,1%,1/16W,TP,1005	4	SA	
...4		2007-008391	R-CHIP;6.34Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	2	SC	
...4		2007-008779	R-CHIP;0ohm,1%,1/16W,TP,1005	3	SA	
...4		2007-009117	R-CHIP;49.9Kohm,1%,1/16W,TP,1005	1	SA	
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-009777	R-CHIP;4.99Kohm,1%,1/16W,TP,1005	2	SA	
...4		2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	6	SA	
...4		2011-001264	R-NETWORK;10ohm,5%,1/16W,L,CHIP,8P,TP,2.	8	SNA	
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	6	SA	
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005	4	SA	
...4	AD480	2203-000254	C-CER,CHIP;10nF,10%,16V,X7R,TP,1005	5	SA	
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	3	SA	
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,0.5	3	SNA	
...4	AD480	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,TP,1005	3	SA	
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005	13	SA	
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005	2	SA	
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005	3	SA	
...4	AD480	2203-000812	C-CER,CHIP;0.033nF,5%,50V,C0G,TP,1005	9	SA	
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005	1	SA	
...4	AD480	2203-001428	C-CER,CHIP;470nF,10%,50V,X7R,TP,2012	1	SNA	
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	6	SNA	
...4	AD480	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,TP,1608	1	SNA	
...4	AD480	2203-002494	C-CER,CHIP;470nF,10%,16V,X7R,TP,2012	1	SNA	
...4	AD480	2203-002525	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1005	1	SNA	
...4	AD480	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,TP,10	2	SA	
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,0.8	8	SA	
...4	AD480	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	7	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,0.5	2	SNA	
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005	8	SA	
...4	AD480	2203-006088	C-CER,CHIP;330nF,10%,10V,X7R,TP,1608	1	SA	
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005	3	SNA	
...4	AD480	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,TP,1005,T0.	107	SNA	
...4	AD480	2203-006324	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1608	16	SA	
...4	AD480	2203-006348	C-CER,CHIP;1000nF,10%,25V,X5R,TP,1608,0.	2	SA	
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	27	SNA	
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,0.	3	SNA	
...4	AD480	2203-006824	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1608	5	SNA	
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005	9	SA	
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	2	SA	
...4	AD480	2203-006890	C-CER,CHIP;10000nF,20%,6.3V,X5R,TP,1608	29	SNA	
...4	AD480	2203-006960	C-CER,CHIP;1000nF,10%,50V,X7R,TP,2012	1	SNA	
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,1	20	SNA	
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608(	72	SA	
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	13	SA	
...4	AD480	2203-007270	C-CER,CHIP;10000nF,10%,10V,X5R,TP,1608,0	24	SNA	
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,1	49	SNA	
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,0.5	42	SA	
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,1	19	SA	
...4		2402-001268	C-AL,SMD;100uF,20%,25V,WT,TP,8x6.3mm	1	SA	
...4		2409-001240	C-ORGANIC,SMD;33uF,20%,25V,LR,TP,7343(1.	1	SA	
...4		2409-001338	C-POLYMER ,CHIP;47uF,20%,6.3V,TP,3.2x1.6	1	SA	
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1.35Ohm,35mA,15,M	1	SA	
...4		2703-001938	INDUCTOR-SMD;56nH,5%,1005,1.5Ohm,200mA,1	7	SA	
...4		2703-003149	INDUCTOR-SMD;2.2uH,20%,0.055Ohm,3000mA,W	1	SA	
...4		2703-003747	INDUCTOR-SMD;22uH,20%,6060,0.135ohm,1300	2	SA	
...4		2703-003862	INDUCTOR-SMD;10uH,20%,6060,0.065ohm,1900	3	SA	
...4		2703-003913	INDUCTOR-SMD;2.2uH,20%,2520,1.2T,0.116Oh	1	SNA	
...4		2703-003937	INDUCTOR-SMD;1uH,20%,7.0x6.47x3.0mm,0.00	3	SA	
...4		2703-004586	INDUCTOR-SMD;3.3uH,20%,5050,2T,0.063Ohm,	1	SA	
...4		2703-004630	INDUCTOR-SMD;2.2uH,20%,5.0T,0.0025Ohm,66	1	SNA	
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,4T,0.072Ohm,2300m	4	SA	
...4		2703-005191	INDUCTOR-SMD;1.5uH,20%,4.5,0.02Ohm,5300m	1	SA	
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,4.5,0.024Ohm,5100	2	SA	
...4		2703-005198	INDUCTOR-SMD;15uH,20%,3T,0.123Ohm,2500mA	1	SNA	
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10x10.7mm,4.0T,0.0	1	SA	
...4		2801-004021	CRYSTAL-SMD;24.576MHz,20ppm,28-AAN,12pF,	1	SA	
...4		3301-001364	BEAD-SMD;1000ohm,1608,TP,1085ohm/108MHz,	4	SNA	
...4		3301-002039	BEAD-SMD;26ohm,1608,TP	33	SA	
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA	
...4		3601-001376	FUSE-SURFACE MOUNT;32V,3A,FAST-ACTING,Hi	2	SNA	
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	3	SA	
...4		3707-001103	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA	
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	2	SNA	
...4		3710-003908	CONNECTOR-SOCKET;64P,2R,0.5mm,SMD-S,AU,B	1	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4	EH01	3711-007803	HEADER-BOARD TO CABLE;BOX,12P,1R,1.25mm,	1	SA	
...4	EH01	3711-008131	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,AN	1	SA	
...4	EH01	3711-008859	HEADER-BOARD TO CABLE;BOX,12P,2R,2mm,ANG	1	SA	
...4		3711-009090	CONNECTOR-HEADER;BOX,16P,1R,1.25mm,SMD-A	1	SA	
...4		3722-003199	JACK-MODULAR;8P/8C,Y,ANGLE,NONE,AU,1PORT	1	SA	
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	2	SA	
...4		3722-003814	JACK-PHONE;1P/7C,NI/SN,YEL,ANGLE,3.5PI,1	1	SA	
...4	JACK	3722-003873	JACK-PHONE;1P/7C,AU/SN,BLU,ANGLE,3.5PI,1	1	SA	
...4		6302-001376	GASKET-SMD;,,CONDUCTIVE FABRIC,T14,W43,L	7	SNA	
...4		BN40-00323A	TUNER-DTV AIR CABLE SAT;DTOS24EH6A,DTOS2	1	SA	
...4		BN41-02528A	PCB-MAIN;KU6000,FR-4,4L,1.6T,193x241mm,1	1	SNA	
...4	CB07	BN61-13312B	BRACKET-PCB;55KS8000,SK5,0.3,13.7,11.4,S	4	SNA	
...4		BN97-10863B	ASSY MICOM-SUB;JMMICOM_EU_TV,UWP60,W25Q4	1	SNA	
....5		1107-002226	IC-NOR FLASH;W25Q40CLSSIP,4Mbit,SOIC,8P,	1	SA	
...4		BN97-10944A	ASSY MICOM;TCON,KU6k,55-AUO-Curved,W25Q8	1	SNA	
....5		1107-002339	IC-NOR FLASH;W25Q80DV,8Mbit,SOP,5.28x5.2	1	SNA	
....5		BN46-00515A	S/W MICOM;Jazz M-L,TCON F/W	1	SNA	
....5		BN46-00539A	S/W MICOM;K55L6U0C,AUO,55L6AU*RK,Curved	1	SNA	
...4		BN97-10947A	ASSY MICOM;T-JZMDEUC,UWP60,THGBMHG6C1LBA	1	SNA	
....5		1107-002422	IC-EMMC;8GB,64Gbx1,BGA,153P,11.50 x 13.0	1	SA	
1		BN91-17335A	ASSY SHIELD;LED TV 6K	1	SNA	
0.2		BN39-02217C	LEAD CONNECTOR-POWER;40K5500,UL21016,12P	1	SA	
0.2		BN39-02219D	LEAD CONNECTOR-SUB ASSY;40KU6300, 43KU63	1	SA	
0.2		BN39-02231C	LEAD CONNECTOR-SUB ASSY;55KU6400,UL21016	1	SA	
0.2		BN44-00876A	DC VSS-PD BOARD;L55E6_KHS,AC/DC,170W,100	1	SA	
0.2	WIFI	BN59-01239A	NETWORK-WLAN CLIENT;WCK730B,USB 2.0,16P,	1	SA	
0.2		BN96-39802C	ASSY BOARD P-FUNCTION TACT;KS7000/7500/K	1	SA	
0.2		BN96-39822E	FFC CABLE;55KU6500,Fold,L450,96P	1	SA	
0.2		BN96-39904A	FFC CABLE;60KU6000,Fold,L550,96P	1	SA	
0.2		BN96-39968A	ASSY SPEAKER P-FRONT;TV-SPK,KU6500,6ohm,	1	SA	
1		BN92-19775A	ASSY LABEL;LED TV 6K	1	SNA	
0.2		0203-001598	TAPE-FILAMENT;#8915,0.15,12,55000,CLR	0	SNA	
0.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA	
0.2		BN68-07519A	LABEL-ENERGY;ALL JORDAN,WW,PP,T0.135,W60	1	SNA	
0.2		BN68-07873L	LEAFLET-QUICK SETUP GUIDE;KU6640,EU,W/P,	1	SNA	
1		BN92-19801E	ASSY BOX;LED TV 6K	1	SNA	
0.2		BH68-00662A	LABEL BOX;ALL,ART,90g,W60,L110,WHT,NO SI	1	SNA	
0.2		BN68-05640A	LABEL BOX;ALL,ART,90g,W110,L130,EUROPE,L	1	SNA	
0.2		BN69-13858B	BOX UNIT;55KU6640,CB,DW3,F1,L1355,W180,H	1	SNA	
1		BN92-19825A	ASSY P/MATERIAL;LED TV 6K	1	SNA	
0.2		6902-001957	BAG ROLL;HDPE/PE FOAM,HDPE T0.018mm,T0.2	3	SNA	
0.2		6902-002233	BAG AIR;LDPE,-,T0.2,W900,L1850,TRP,-,-,-	1	SNA	
0.2		6922-000003	BAND;PP,T0.8,W18,L1650M,TRP,DA69-90145A	1	SNA	
0.2		BN02-00319B	TAPE-OPP;OPP,T0.05,W75,L800m,CLEAR	3	SNA	
0.2		BN68-02422B	LABEL-WARNING;ALL,ART,T0.05,W240,L100,Wh	1	SNA	
0.2		BN69-03982P	PACKING ANGLE;EDGE,PAPER	1	SNA	
0.2		BN69-05418N	WRAP;T0.017,750,2000000,2000000,750	0	SNA	

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0.2		BN69-06640E	PAD-PACKING;TRUCK PAD,CB,-,,W410,L2500,,	1	SNA	
0.2		BN69-06642A	PAD-SHEET;PAD,CB,SW4,,W1300,L1050,,,,,YE	1	SNA	
0.2		BN69-09013H	PALLET-DP WOODEN;LH55MEC,WOOD,-,W1165,L1	1	SNA	
0.2		BN69-13236A	CUSHION-SET;EPS,16.7g/l,WHT,T-STAND,0	1	SNA	
..3		0103-005099	RESIN EPS;BASF303,Natural,Natural	914	SNA	
0.2		BN69-13357A	CUSHION-SET SIDE;55KU6500,EPS,16.7g/l,WH	1	SNA	
0.2		BN69-13622B	PAD-CUSHION FRONT;55KS7500,CB,DW2+EPE,W6	1	SNA	
1	ACCE1	BN92-20009Q	ASSY ACCESSORY;LED TV 6K	1	SNA	
0.2	ACCE2	BN96-39428H	ASSY ACCESSORY-CABLE;UK9X	1	SNA	
..3		3709-001791	CONNECTOR-CARD SLOT;64P,0.5mm,SMD-A,AU,P	1	SA	
..3	T0268	3903-000950	CBF-POWER CORD;DT,CEE,LP-21L,250V,2.5A,B	1	SA	
..3		4301-000101	BATTERY-ALKALINE;1.5V,1650mAH,LR6,14.5x5	2	SNA	
..3		6902-001965	BAG PE;LDPE,BIOBASED,T0.05,W200,L300,TRP	1	SNA	
..3	EC03	BN39-02189A	GENDER CABLE;DC to RCA Cable,3P,L100,UL2	1	SA	
..3	EC03	BN39-02190A	GENDER CABLE;DC to RCA Cable,2P,L100,UL2	1	SA	
..3		BN59-01242A	REMOCON-SMART CONTROL;2016 TV,Samsung,14	1	SA	
..3		BN96-40152A	ASSY HOLDER P-CABLE;65KS7500,ABS,BK0007,	1	SNA	
...4		BN61-04692A	ADHESIVE-AA;SHEET,CLEAR,C043	1	SNA	
...4		BN61-05704A	TAPE-DOUBLE FACE;T1.1,W8,Dark Gray,3M #4	0	SNA	
...4	AH089	BN61-13777A	HOLDER-CABLE;55KS7500,ABS,T15,BK0007,HB,	1	SNA	
...4	AS080	BN63-07556W	SHEET-PROTECTION COVER;F-LED,PO,W12,ROLL	0	SNA	
..3	EH03A	BN96-40460A	ASSY HOLDER P-RING;55KS7500,ABS,BLACK,V-	1	SNA	
...4		6902-001404	BAG PE;LDPE,T0.05,W80,L100,TRP,N	1	SNA	
...4		BN61-13518A	HOLDER-WALL RING;55KS7500,ABS,MOLD,BK000	4	SA	
0.2	ACCE4	BN96-39429K	ASSY ACCESSORY-MANUAL;UK9X	1	SNA	
..3		6902-001964	BAG PE;LDPE,BIOBASED,T0.03,W200,L300,TRP	1	SNA	
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	2	SNA	
..3		BN68-03548J	LEAFLET-WARRANTY;comm,Samsung,17Lang,Mid	1	SNA	
..3		BN68-04972E	LEAFLET-REGULATORY GUIDE;ALL,SAMSUNG,W/W	1	SNA	
..3		BN68-07598A	LEAFLET-FICHE;ALL,W/P,0	1	SNA	
..3		BN68-07866R	MANUAL USERS;KU6600,XH,W/P,EURO B5	1	SNA	
1		BN92-20021B	ASSY LABEL POP;LED TV 6K	1	SNA	
0.2		BN68-07971J	LABEL POP-HIGHLIGHT;55KU6600,PET,T0.1,W9	1	SNA	
1	PANEL	BN95-02649B	PRODUCT LCD-AUO;CY-VK055HGAV2V/H,KU6500,	1	SA	
0.2		BN02-00352E	TAPE-OPP;PET,T0.05,W15,L50M,BLK,ULNO.E16	1	SNA	
0.2		BN68-05722A	LABEL-E PASS;POLYPROPYLENE,NON-COATING	1	SNA	
0.2		BN74-00053E	TAPE-PAPER;PAPER,3M2307,0.14T,W20,50m,WH	0	SNA	
0.2		BN90-08233A	ASSY MISC-BLU;Y16,LCM	1	SNA	
..3		6001-002912	SCREW-MACHINE;CH,+,M3,L3,ZPC(BLK),SWRCH1	12	SA	
..3		BN61-13658A	OPTICAL SHEET-COMPLEX;16Y_KU6400_COMPLEX	1	SNA	
..3		BN61-13659A	OPTICAL SHEET-DIFFUSER;16Y_KU6400_55INCH	1	SNA	
..3		BN61-13660A	OPTICAL SHEET-REFLECTOR;16Y_KU6400_REFLE	1	SNA	
..3		BN61-13688A	LGP;16Y_KS9000_55INCH_LGP,MS,MS Lenti (V	1	SNA	
..3		BN61-14082A	HOLDER-LGP;55KS7000,PC,MOLD,WT0044,V-2	1	SNA	
..3		BN96-39561C	ASSY CHASSIS REAR P;55KU6500,EGI-SECC,NA	1	SNA	
...4	SCREW	6001-002759	SCREW-MACHINE;CH,+,M3,L4,ZPC(BLK),SWRCH1	4	SA	
...4	SCREW	6001-003016	SCREW-MACHINE;PWH,+,M3.0,L5.0,ZPC(WHT),S	4	SA	

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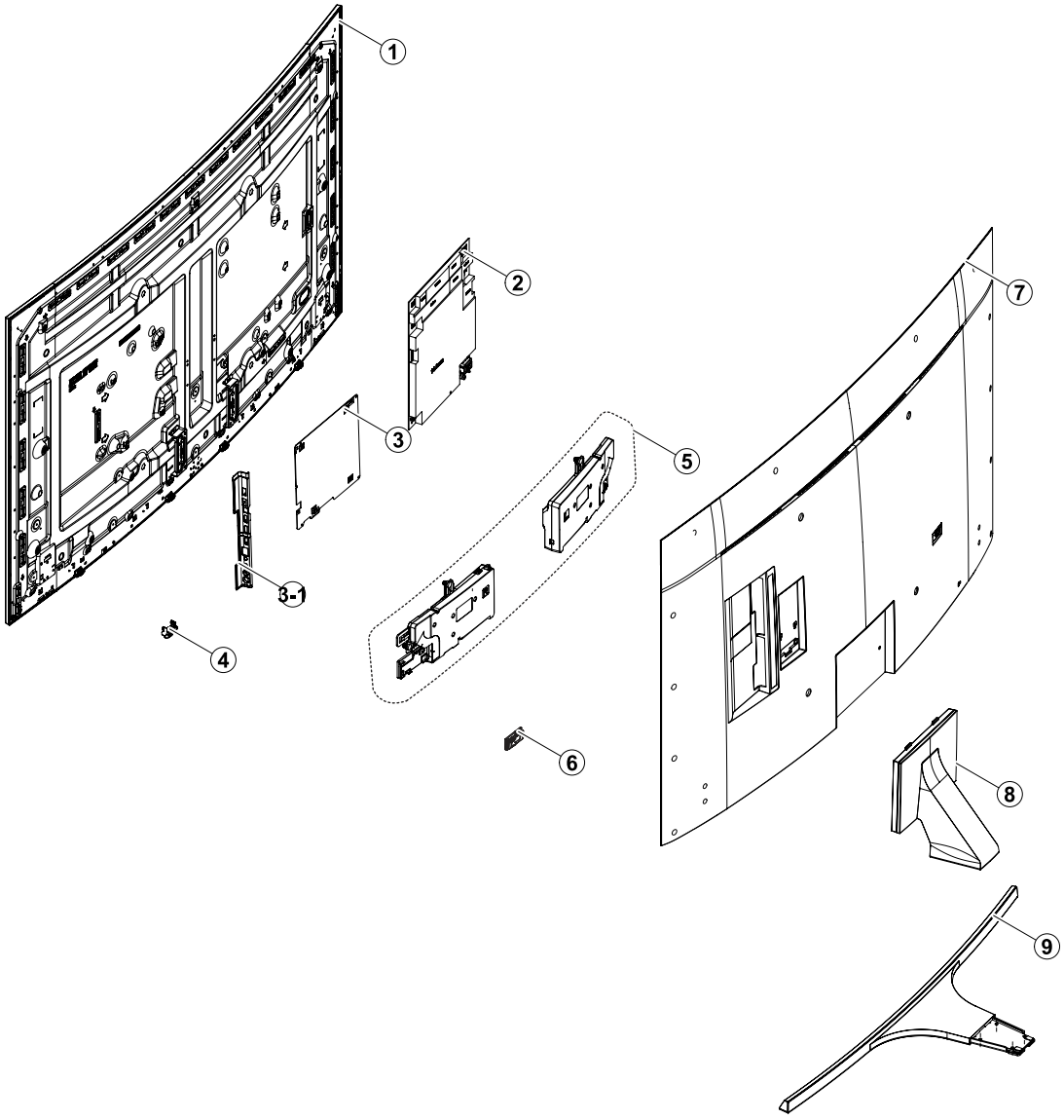
...4		6041-001068	RIVET-PH;SWRCH10A,OD3.2,L4.3,ZPC(WHT)	8	SNA	
...4		BN02-00040B	TAPE DOUBLE FACE;NNB 32/40/46/55",PET,T0	1	SNA	
...4		BN02-00102B	TAPE-FILAMENT;#8917,0.15,25,50,WHITE	1	SNA	
...4		BN02-00352B	TAPE-OPP;PET,T0.05,W30,L50M,BLK,ULNO.E16	0	SNA	
...4		BN02-00352H	TAPE PET;49"MEGA 2,PET,T0.05,W15,L18,BLA	3	SNA	
...4		BN02-00493A	TAPE PET;55KS9000,PET,T0.05,W5,L50,BLACK	7	SNA	
...4		BN39-02238A	LEAD CONNECTOR-BLU;55KU6500,UL21016,12P,	1	SNA	
...4		BN60-00988V	SPACER-SILICONE;55KU6400,Si,L10,GRAY,T3.	2	SNA	
...4		BN60-01127F	SPACER-SILICONE;55KU6500,SI,L5,GRAY,T2.5	2	SNA	
...4		BN60-01127G	SPACER-SILICONE;55KU6500,SI,L10,GRAY,T2.	2	SNA	
...4		BN61-08235A	HOLDER-LGP;SNB,SWRCH10A,BLACK,PRESS	2	SNA	
...4		BN61-08235F	HOLDER-LGP;55KS7500,SWRCH10A,EXTRUSION,S	2	SNA	
...4		BN61-11982B	HOLDER-WALL RIVET;55KS7000,CR-SPCC,EXTRU	4	SNA	
...4		BN61-13245A	BRACKET-LED PCB;55KS7500,Al,T1.5,NATURAL	1	SNA	
...4		BN61-13327A	HOLDER-SHEET;55KS7500,ABS,BK0007,HB,COMM	5	SNA	
...4		BN61-13557A	BRACKET-WIRE;KS7000,SW-C,1,60,SILVER	4	SA	
...4		BN61-13557E	BRACKET-WIRE;49KS7000,SW-C,T1,NATURAL,ZI	1	SA	
...4		BN61-13557H	BRACKET-WIRE;55KS7000,SW-C,T1,NATURAL,ZI	3	SA	
...4	CB18	BN61-13608A	BRACKET-STAND LINK;55KU6500,HGI,1.6,NATU	2	SNA	
...4	AH358	BN61-13908A	HOLDER-REAR;55KS9000,ABS,MOLD,BK0007,HB	4	SNA	
...4		BN63-15282A	INSULATOR-SOURCE PCB LEFT;55KS8500,PET,B	1	SNA	
...4		BN63-15283A	INSULATOR-SOURCE PCB RIGHT;55KS8500,PET,	1	SNA	
...4		BN63-15364A	INSULATOR-SMPS;KS7000 49/55IN,PC,BLACK,L	1	SNA	
...4	CC04	BN64-03333A	CHASSIS-REAR;55KS7500,EGI-SECC,T0.8,NATU	1	SNA	
....5		BN01-00361A	STEEL;KS7500,EGI-SECC,0.8,744,AG	6182	SNA	
....5		BN61-11982A	HOLDER-WALL RIVET;Y15 F-LED,CR-SPCC,L15.	4	SNA	
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA	
...4		BN74-00053E	TAPE-PAPER;PAPER,3M2307,0.14T,W20,50m,WH	0	SNA	
..3		BN96-39595A	ASSY LED BAR P;55 KU6400(AUO),Left,ALUMI	1	SNA	
..3		BN96-39596A	ASSY LED BAR P;55 KU6400(AUO),Right,ALUM	1	SNA	
..3		BN96-40266A	ASSY FRAME P-MIDDLE TOP;55KU6500,PC+GF10	1	SNA	
...4		BN61-13486A	FRAME-MIDDLE TOP;55KU6500,PC+GF10%,V-2,B	1	SNA	
..3		BN96-40376A	ASSY FRAME P-MIDDLE LEFT RIGHT;55KU6500,	2	SNA	
...4		BN60-01379A	SPACER-SILICONE;55KU6500,Si,L685,GRAY,T0	2	SNA	
...4		BN61-13488A	FRAME-MIDDLE LEFT RIGHT;55KU6500,PC+GF10	2	SNA	
..3		BN96-40378A	ASSY FRAME P-MIDDLE BOTTOM;55KU6500,PC+G	1	SNA	
...4		BN60-01076A	SPACER-CONDUCTIVE;Y14,CONDUCTIVE FABRIC,	2	SNA	
...4		BN60-01378A	SPACER-SILICONE;49KU6500,Si,L605,GRAY,T0	4	SNA	
...4		BN60-01438A	SPACER-FOAM;55KU6500,PU FOAM,L1204,WHITE	1	SNA	
...4		BN61-13487A	FRAME-MIDDLE BOTTOM;55KU6500,PC+GF10%,V-	1	SNA	
0.2		BN96-39236A	ASSY OPEN CELL;T550QVR06.0,16:9,12	1	SNA	
..3		BN81-12963A	A/S-ADHESIVE ACF;ADHESIVE ACF,47.COF21.0	1	SNA	
..3		BN81-12964A	A/S-ADHESIVE SIL;ADHESIVE SIL,47.23T01.0	1	SNA	
..3		BN81-12970A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,46	1	SNA	
..3		BN81-12971A	A/S-POLARIZER CF;POLARIZER CF,66.C4U57.3	1	SNA	
..3		BN81-12972A	A/S-POLARIZER TFT;POLARIZER TFT,66.T4U58	1	SNA	
..3		BN81-12973A	A/S-SOURCE PCB FRONT LEFT;SOURCE PCB FRO	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..3		BN81-12974A	A/S-SOURCE PCB FRONT RIGHT;SOURCE PCB FR	1	SNA	
..3		BN81-12975A	A/S-SOURCE PCB BACK LEFT;SOURCE PCB BACK	1	SNA	
..3		BN81-12976A	A/S-SOURCE PCB BACK RIGHT;SOURCE PCB BAC	1	SNA	
0.2		BN96-39384A	ASSY COVER P-SOURCE PCB LEFT;SECC AG	1	SNA	
..3		BN63-15149A	COVER-SOURCE PCB LEFT;EGI-SECC,T0.6,SECC	1	SNA	
..3		BN63-15355A	INSULATOR-SOURCE PCB COVER LEFT;55KS8500	1	SNA	
0.2		BN96-39386A	ASSY COVER P-SOURCE PCB RIGHT;SECC AG	1	SNA	
..3		BN63-15148A	COVER-SOURCE PCB RIGHT;EGI-SECC,T0.6,SEC	1	SNA	
..3		BN63-15356A	INSULATOR-SOURCE PCB COVER RIGHT;55KS850	1	SNA	
0.2		BN96-40233A	ASSY CHASSIS FRONT P;55KU6500,PC+ABS+ED1	1	SNA	
..3		BN60-00715D	SPACER-CONDUCTIVE;LCM MNT 28,CONDUCTIVE	4	SNA	
..3		BN60-01178J	SPACER-CONDUCTIVE;55KU6500,CONDUCTIVE FA	2	SNA	
..3		BN60-01178M	SPACER-CONDUCTIVE;55KU6500,CONDUCTIVE FA	2	SNA	
..3		BN60-01319B	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC,L17,	4	SNA	
..3	AS080	BN63-07229H	SHEET-PROTECTION COVER;rose70",PET,T0.05	3	SNA	
..3		BN63-10913A	FILM HOT STAMPING-NON CONDUCTIVE;UF8000,	4	SNA	
..3		BN64-03327A	BADGE-INLET;Ni,2001gf/in	1	SNA	
..3	AC155	BN64-03469A	CHASSIS-FRONT;55KU6500,PC+ABS+ED18%,MOLD	1	SNA	

ANNEX. Exploded View & Part List [UE49KU6642UXXH FA01]

1-1. Exploded View



1-1-1. Parts List

No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1	BN95-02643D	PRODUCT LCD-SDC; CY-VK049HGLV4V/H,KU6500,	1	SA	
2	BN44-00876A	DC VSS-PD BOARD; L55E6_KHS,AC/DC,170W,100	1	SA	
3	BN94-11055C	ASSY PCB MAIN; LED TV	1	SA	
3-1	BN63-15215A	COVER-TERMINAL SIDE; 55KU6000,HIPS,MOLD,H	1	SA	
4	BN96-39802C	ASSY BOARD P-FUNCTION TACT; KS7000/7500/K	1	SA	
5	BN96-39967A	ASSY SPEAKER P-FRONT; TV-SPK,KU6500,6ohm,	1	SA	
6	BN59-01239A	NETWORK-WLAN CLIENT; WCK730B,USB 2.0,16P,	1	SA	
7	BN96-40127D	ASSY COVER P-REAR; 49KU6500,PC+ABS-ED20%,	1	SA	
8	BN96-40390A	ASSY GUIDE P-STAND; 55KU6500,PC+GF20%,BK0	1	SA	
9	BN96-40391A	ASSY STAND P-BOTTOM; 55JU7500,ABS,BK0007,	1	SA	

2-1. Electrical Parts List

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

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
			UE49KU6642UXXH (FA01)			
1	R001A	BN90-08109D	ASSY COVER REAR;LED TV 6K	1	SNA	
0.2	R001A	BN96-40127D	ASSY COVER P-REAR;49KU6500,PC+ABS-ED20%,	1	SA	
..3	R001	BN63-15226B	COVER-REAR;49KU6500,PC+ABS+ED20%,MOLD,V-	1	SNA	
...4		0103-010818	RESIN PC ABS;CM20G/BK00749,BLACK,BK0007,	2600	SNA	
..3		BN64-03529D	INLAY-TERMINAL SIDE;55KU6500,PET,T0.125,	1	SNA	
..3		BN68-03518H	LABEL-STICKER CI SLOT;WW,ALL,PET,T0.1,W1	1	SNA	
..3		BN68-07835C	LABEL-STICKER LICENSE;40K5500,PET,0.125,	1	SNA	
1	S001A	BN90-08130A	ASSY STAND;LED TV 6K	1	SNA	
0.2	SG01A	BN96-40390A	ASSY GUIDE P-STAND;55KU6500,PC+GF20%,BK0	1	SA	
..3		6902-002059	BAG PE;HDPE/PE FOAM,T0.015/T0.5,W300,L40	1	SNA	
..3	SG03	BN61-13685A	GUIDE-STAND;55KU6500,PC+GF20%,V-2,BK0007	1	SNA	
...4		0103-007285	RESIN PC;HF3200H,K21294,BK0007,V-2	617	SNA	
..3	CCM1	BN63-05135D	SHEET-PROTECTION COVER;Ruby 32",PE,T0.5,	0	SNA	
..3		BN63-15478A	COVER-STAND NECK FRONT;55KU6500,PC+ABS,M	1	SNA	
..3		BN63-15480A	COVER-STAND NECK REAR;55KU6500,PC+ABS,MO	1	SNA	
...4		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	134	SNA	
...4		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	3	SNA	
..3		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	2	SNA	
..3		BN96-36261A	ASSY ACCESSORY-SCREW;JU7000 75",6003-001	1	SNA	
...4	SCREW	6003-001334	SCREW-TAPTYPE;BH,+,S,M4,L14,ZPC(BLK),SWR	4	SA	
...4		6902-002476	BAG SCREW;LDPE,T0.05*,W70,L90,TRP,RECYCL	1	SNA	
..3		BN96-40392A	ASSY COVER P-STAND DECORATION;55KU6500,P	1	SNA	
...4		BN61-13387A	HOLDER-COVER;55KU6500,TPE,BK0007,V-2,NYL	4	SNA	
...4		BN63-15507A	COVER-STAND DECORATION REAR;55KU6500,PC+	1	SNA	
....5		0103-010818	RESIN PC ABS;CM20G/BK00749,BLACK,BK0007,	100	SNA	
0.2	SB02A	BN96-40391A	ASSY STAND P-BOTTOM;55JU7500,ABS,BK0007,	1	SA	
..3		0203-001499	TAPE-OPP;T0.04,W15,,TRP	0	SNA	
..3	SCREW	6003-001321	SCREW-TAPTYPE;BH,+,B,M4,L8,ZPC(BLK),SWRC	4	SA	
..3	AS080	BN63-04755H	SHEET-PROTECTION COVER;52LC530,PE,T0.05,	0	SNA	
..3	AS080	BN63-04755L	SHEET-PROTECTION COVER;22LC350,PE,T0.05,	1	SNA	
..3		BN63-13128E	SHEET-PROTECTION COVER;LED,AL,T0.05,W13,	1	SNA	
..3	RF01	BN67-00327J	FOOT-RUBBER;SILICONE,GRAY,T2.5	2	SNA	
..3		BN95-02077E	ASSY COVER STAND SMT-FRONT;55KU6500,PC+A	1	SA	
...4		0203-001269	TAPE-OPP;#301,T0.06,W75,L50000,NTR	0	SNA	
...4		0204-007315	COATING;CVM92000(VOC),CLEAR,1.06	0	SNA	
...4		AA69-07196V	PAD-DP SHEET;CB,DW-5,W890,L293	1	SNA	
...4		AA69-07323C	PACKING-SHEET SMT;HDPE,PE FOAM,T0.015,T1	1	SNA	
...4		AA69-07366Y	MASTER BOX-DP;CB,DW,W300,H530	1	SNA	
...4		AA69-07397B	PAD-DP SHEET;CB,SW,W890,L500,0	1	SNA	
...4		AA69-07402A	PAD-DP BOTTOM EPP;CB,W888,L500,0	1	SNA	
...4		BN01-00337A	TARGET-ALUMINIUM CY;Al,99.9%,1924mm, 132	0	SNA	
...4		BN01-00340A	TARGET-CHROMIUM CY;Cr,99.5%,1924mm, 132d	0	SNA	
...4		BN63-11118L	SHEET-PROTECTION COVER;55JU7000,PET,T0.0	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN63-13387D	COVER-STAND TOP;55KU6500,PC+ABS,MOLD,V-0	1	SNA	
....5		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	310	SNA	
....5		BN63-11118L	SHEET-PROTECTION COVER;55JU7000,PET,T0.0	1	SNA	
...4		BN68-03920A	LABEL BOX;ALL,ART,100g,W100,L75,W/W	1	SNA	
..3		BN96-32380B	ASSY ACCESSORY-SCREW;BN69-10588A,BN61-09	1	SNA	
...4	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;BH+,SWRCH18A,BLACK,PRESS,B T	4	SA	
...4		BN69-10588A	BAG SCREW;LDPE,0.05,70,90,TRP,LED TV,LDP	1	SNA	
..3	SB02A	BN96-38161B	ASSY STAND P-BOTTOM;JU7500, 48-55,ABS, H	1	SNA	
...4	SCREW	6003-001001	SCREW-TAPTYPE;FH,+,-,B,M3,L8,ZPC(BLK),SW	2	SA	
...4	SCREW	6003-001374	SCREW-TAPTYPE;FH,+,B,M4,L12,NI PLT,SWRCH	2	SA	
...4		BN02-00040C	TAPE DOUBLE FACE;F-LED ALL,PET,T0.3,W3,L	1	SNA	
...4		BN60-00163T	SPACER-FOAM;PE FOAM,ROLL,GRAY,T0.35,W15	1	SNA	
...4		BN61-11616A	BRACKET-STAND BODY;HGI,T1.9,NATURAL	1	SNA	
...4		BN63-05199Y	SHEET-PROTECTION COVER;SMT-E6400,PE,T0.0	0	SNA	
...4		BN63-13383B	COVER-STAND TOP;JU7500_48-55,PC+ABS,V-1,	1	SNA	
....5		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	2	SNA	
...4	RF01	BN67-00327J	FOOT-RUBBER;SILICONE,GRAY,T2.5	5	SNA	
...4		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	1	SNA	
...4		BN96-35521A	ASSY BRACKET P-STAND BOTTOM;JU7500,48"	1	SNA	
....5	SCREW	6003-001374	SCREW-TAPTYPE;FH,+,B,M4,L12,NI PLT,SWRCH	2	SA	
....5		BN61-11440A	BRACKET-STAND BOTTOM;HGI,T4,NATURAL	1	SNA	
....5		BN61-11497A	BRACKET-LINK;HGI,T4,NATURAL	1	SNA	
..3	T0382	BP61-00495C	TAPE PET;ACRYL,PJT,ACRYL,T0.25,W30,L3300	0	SNA	
1		BN90-08333C	ASSY W/I;UKU6500R	1	SNA	
0.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA	
0.2		BN81-12851S	A/S PART SET-MECH W/I;UKU6500U,U49KU*	1	SNA	
1	M0017	BN91-17260D	ASSY CHASSIS;LED TV 6K	1	SNA	
0.2	M0014	BN94-11055C	ASSY PCB MAIN;LED TV	1	SA	
..3		BN62-00817A	HEAT SINK-PS;55KU6000,A1050,T1.5,W115,L1	1	SNA	
..3		BN63-15215A	COVER-TERMINAL SIDE;55KU6000,HIPS,MOLD,H	1	SA	
..3		BN97-10916A	ASSY DRM;JAZZ-L,DVB,NagSam, MAC, HDCP, C	1	SNA	
...4		BN46-00109H	KEY CODE-CERTIFICATION;MAC,TV/AV,General	1	SNA	
...4		BN46-00110P	KEY CODE-CERTIFICATION;MIRACAST(HDCP2.2)	1	SNA	
...4		BN46-00500A	KEY CODE-CERTIFICATION;JAZZ-L,Nagra CSC	1	SNA	
...4		BN46-00514A	KEY CODE-CERTIFICATION;CI PLUS,Jazz M, J	1	SNA	
..3		BN97-10974A	ASSY SMD;LED 6K	1	SNA	
...4		0202-001899	SOLDER-CREAM;M705-GRN360-K2-VT,20-38um,S	4	SNA	
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA	
...4		0403-001164	DIODE-ZENER;MMSZ5232B,5.32~5.88V,500mW,S	1	SA	
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	3	SNA	
...4		0403-001831	DIODE-ZENER;KDZ12B,12~13.5V,1000mW,SOD-1	1	SA	
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA	
...4		0404-001307	DIODE-SCHOTTKY;SSC54,40V,5000mA,DO-214AB	1	SA	
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	4	SA	
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	1	SA	
...4		0404-001881	DIODE-SCHOTTKY;SS3040-HE,40V,3000mA,SOD-	4	SA	
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	2	SA	
...4		0406-001290	DIODE-TVS;3.0SMCJ20A,22.2V,24.5V,5MAV,30	1	SNA	
...4		0406-001628	DIODE-TVS;AOZ8804ADI,6V,1MAV,5A,TP	1	SA	
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA	
...4		0406-001643	DIODE-TVS;1SMA33AT3G,36.7V,38.65V,40.6V,	1	SNA	
...4		0501-000002	TR-SMALL SIGNAL;KSA812,PNP,150mW,SOT-23,	1	SNA	
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	7	SC	
...4		0504-000126	TR-DIGITAL;KSR1101,NPN,200mW,4.7K/4.7K,S	1	SA	
...4		0505-001844	FET-SILICON;SI4435DDY-T1-GE3,P,30V,-11.4	1	SA	
...4		0505-002560	FET-SILICON;AO6415,P,20V,-3.3A,0.15ohm,1	1	SA	
...4		0505-002598	FET-SILICON;AP2317GN,P,20V,-4.2A,0.052oh	1	SA	
...4		0505-002660	FET-SILICON;Si2308BDS,N,60V,2.3A,0.156oh	1	SNA	
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	2	SA	
...4		0505-003205	FET-SILICON;DMG4435SSS-13,P,30V,-7.3A,1.	1	SA	
...4		0505-003391	FET-SILICON;AOD2922,N,100V,8A,140Mohm,18	1	SA	
...4		0505-003397	FET-SILICON;2N7002K,N,60V,0.38A,1.19ohm,	1	SA	
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	5	SA	
...4		0801-003603	IC-CMOS LOGIC;MC74LCX244MN2TWG,Octal buf	1	SA	
...4		1001-001998	IC-ANALOG MULTIPLEX;NX3DV221GM,USB switc	2	SA	
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,64Kx8,	1	SA	
...4		1105-002704	IC-DDR4 SDRAM;K4F8E304HB-MGCH,LPDDR4-SDR	1	SA	
...4		1105-002751	IC-DDR4 SDRAM;K4F2E3S4HM-MGCJ,LPDDR4-SDR	1	SA	
...4		1201-000166	IC-OP AMP;LM358,SOP,ST,8P,150MIL,DUAL,10	1	SA	
...4		1201-003690	IC-AUDIO AMP;TAS5747PHPR,QFP,48P,DUAL,PL	1	SA	
...4		1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	SA	
...4		1203-008102	IC-POSI.FIXED REG.;S-13A1D12-E800,HSOP,8	1	SNA	
...4		1203-008104	IC-POSI.FIXED REG.;S-13A1D18-E800,HSOP,8	1	SNA	
...4		1203-008105	IC-POSI.FIXED REG.;S-13A1D33-E800,HSOP,8	1	SNA	
...4		1203-008391	IC-DC/DC CONVERTER;AOZ1269QI-02,QFN-23L,	1	SA	
...4		1203-008392	IC-VOL. DETECTOR;S-6414AAB-L800X,TSOT-23	1	SA	
...4		1203-008448	IC-DC/DC CONVERTER;A8305SESTR-T,QFN,16,3	1	SNA	
...4		1203-008454	IC-DC/DC CONVERTER;TPS56528,HSOP8,8,4,89	2	SA	
...4		1203-008522	IC-DC/DC CONVERTER;SN1501019DDCR,SOT-23,	2	SNA	
...4		1203-008551	IC-DC/DC CONVERTER;BM81244,QFN,40P,6x6mm	1	SNA	
...4		1203-008655	IC-DC/DC CONVERTER;BM81249MWW,QFN,56,7x7	1	SA	
...4		1203-008732	IC-DC/DC CONVERTER;SYD104ADC,TSOT-23,6,3	1	SA	
...4		1203-008733	IC-DC/DC CONVERTER;AOZ1236QI-02,QFN,23,4	2	SA	
...4		1204-003697	IC-DECODER;SDP1531,FCPBGA,1046P,31x31,GL	1	SA	
...4		1205-004822	IC-SWITCH;TPS22965DSGR,SON,8P,2x2x0.75mm	3	SNA	
...4		1205-005325	IC-REPEATER;PS8409QFN48GTR2-A1,QFN,48P,6	1	SNA	
...4		1205-005519	IC-SWITCH;ET20163,SOT23-5,5P,2.95x3.02mm	3	SA	
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1mW/C,TP,1.6	2	SNA	
...4		1405-001232	VARISTOR;6.4V,5.6Vdc,30A,1.6x0.8mm,TP,19	2	SNA	
...4		1405-001271	VARISTOR;35V,20Vdc,5A,1.0x0.5mm,TP,100V,	15	SA	
...4		1405-001381	VARISTOR;11V,8VDC,30A,1.6x0.8mm,TP,25V,5	2	SA	
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2.0x1.25mm,TP,	2	SA	
...4		2007-000039	R-CHIP;0ohm,1%,1/10W,TP,1608	8	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	12	SA	
...4		2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	SA	
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005	17	SNA	
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005	23	SNA	
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005	3	SNA	
...4		2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-000701	R-CHIP;3.6Kohm,1%,1/10W,TP,1608	1	SNA	
...4		2007-000736	R-CHIP;30Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005	3	SNA	
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	2	SA	
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005	4	SA	
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005	28	SNA	
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005	11	SNA	
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	10	SA	
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005	14	SNA	
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005	4	SA	
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005	67	SNA	
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005	3	SNA	
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	14	SA	
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005	34	SNA	
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005	32	SNA	
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	1	SA	
...4		2007-007310	R-CHIP;8.2Kohm,1%,1/16W,TP,1005	1	SA	
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005	11	SA	
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005	3	SA	
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005	13	SNA	
...4		2007-007334	R-CHIP;200Kohm,1%,1/16W,TP,1005	5	SNA	
...4		2007-007488	R-CHIP;75Kohm,1%,1/16W,TP,1005	5	SNA	
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005	6	SNA	
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	9	SA	
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005	5	SA	
...4		2007-007720	R-CHIP;300Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007723	R-CHIP;75Kohm,1%,1/10W,TP,1608	3	SA	
...4		2007-007766	R-CHIP;2Kohm,1%,1/16W,TP,1005	22	SNA	
...4		2007-007767	R-CHIP;200ohm,1%,1/16W,TP,1005	8	SA	
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005	8	SA	
...4		2007-007830	R-CHIP;14Kohm,1%,1/10W,TP,1608	1	SA	
...4		2007-007847	R-CHIP;16Kohm,1%,1/10W,TP,1608	5	SA	
...4		2007-007942	R-CHIP;1Mohm,1%,1/16W,TP,1005	1	SNA	
...4		2007-007981	R-CHIP;180Kohm,1%,1/16W,TP,1005	1	SNA	
...4		2007-008015	R-CHIP;75ohm,1%,1/16W,TP,1005	9	SNA	
...4		2007-008263	R-CHIP;3Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-008269	R-CHIP;51Kohm,1%,1/16W,TP,1005	3	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		2007-008298	R-CHIP;49.9ohm,1%,1/16W,TP,1005	4	SA	
...4		2007-008391	R-CHIP;6.34Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC	
...4		2007-008779	R-CHIP;0ohm,1%,1/16W,TP,1005	3	SA	
...4		2007-009117	R-CHIP;49.9Kohm,1%,1/16W,TP,1005	1	SA	
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	2	SA	
...4		2007-009777	R-CHIP;4.99Kohm,1%,1/16W,TP,1005	2	SA	
...4		2011-001261	R-NETWORK;33ohm,5%,1/16W,L,CHIP,8P,TP,2.	6	SA	
...4		2011-001264	R-NETWORK;10ohm,5%,1/16W,L,CHIP,8P,TP,2.	8	SNA	
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	6	SA	
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005	4	SA	
...4	AD480	2203-000254	C-CER,CHIP;10nF,10%,16V,X7R,TP,1005	5	SA	
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	2	SA	
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,0.5	3	SNA	
...4	AD480	2203-000386	C-CER,CHIP;0.015nF,5%,50V,C0G,TP,1005	3	SA	
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005	12	SA	
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005	2	SA	
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005	3	SA	
...4	AD480	2203-000812	C-CER,CHIP;0.033nF,5%,50V,C0G,TP,1005	9	SA	
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005	1	SA	
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	6	SNA	
...4	AD480	2203-002398	C-CER,CHIP;22nF,10%,50V,X7R,TP,1608	1	SNA	
...4	AD480	2203-005054	C-CER,CHIP;0.0047nF,0.25pF,50V,NP0,TP,10	2	SA	
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,0.8	8	SA	
...4	AD480	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,TP,1608	4	SNA	
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,0.5	2	SNA	
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005	8	SA	
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005	3	SNA	
...4	AD480	2203-006158	C-CER,CHIP;100nF,10%,16V,X7R,TP,1005,T0.	107	SNA	
...4	AD480	2203-006324	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1608	16	SA	
...4	AD480	2203-006348	C-CER,CHIP;1000nF,10%,25V,X5R,TP,1608,0.	1	SA	
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005	27	SNA	
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,0.	6	SNA	
...4	AD480	2203-006824	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1608	5	SNA	
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005	9	SA	
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	2	SA	
...4	AD480	2203-006890	C-CER,CHIP;10000nF,20%,6.3V,X5R,TP,1608	29	SNA	
...4	AD480	2203-006960	C-CER,CHIP;1000nF,10%,50V,X7R,TP,2012	1	SNA	
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,1	19	SNA	
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608(	72	SA	
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	13	SA	
...4	AD480	2203-007270	C-CER,CHIP;10000nF,10%,10V,X5R,TP,1608,0	22	SNA	
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,1	43	SNA	
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,0.5	42	SA	
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,1	10	SA	
...4		2402-001268	C-AL,SMD;100uF,20%,25V,WT,TP,8x6.3mm	1	SA	
...4		2409-001240	C-ORGANIC,SMD;33uF,20%,25V,LR,TP,7343(1.	1	SA	

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...4		2409-001338	C-POLYMER ,CHIP;47uF,20%,6.3V,TP,3.2x1.6	1	SA	
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1.35Ohm,35mA,15,M	1	SA	
...4		2703-001938	INDUCTOR-SMD;56nH,5%,1005,1.5Ohm,200mA,1	7	SA	
...4		2703-003149	INDUCTOR-SMD;2.2uH,20%,0.055Ohm,3000mA,W	1	SA	
...4		2703-003747	INDUCTOR-SMD;22uH,20%,6060,0.135ohm,1300	2	SA	
...4		2703-003862	INDUCTOR-SMD;10uH,20%,6060,0.065ohm,1900	3	SA	
...4		2703-003913	INDUCTOR-SMD;2.2uH,20%,2520,1.2T,0.116Oh	1	SNA	
...4		2703-003937	INDUCTOR-SMD;1uH,20%,7.0x6.47x3.0mm,0.00	3	SA	
...4		2703-004630	INDUCTOR-SMD;2.2uH,20%,5.0T,0.0025Ohm,66	1	SNA	
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,4T,0.072Ohm,2300m	4	SA	
...4		2703-005191	INDUCTOR-SMD;1.5uH,20%,4.5,0.02Ohm,5300m	1	SA	
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,4.5,0.024Ohm,5100	2	SA	
...4		2703-005198	INDUCTOR-SMD;15uH,20%,3T,0.123Ohm,2500mA	1	SNA	
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10x10.7mm,4.0T,0.0	1	SA	
...4		2801-004021	CRYSTAL-SMD;24.576MHz,20ppm,28-AAN,12pF,	1	SA	
...4		3301-001364	BEAD-SMD;1000ohm,1608,TP,1085ohm/108MHz,	4	SNA	
...4		3301-002039	BEAD-SMD;26ohm,1608,TP	32	SA	
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA	
...4		3601-001376	FUSE-SURFACE MOUNT;32V,3A,FAST-ACTING,Hi	2	SNA	
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	3	SA	
...4		3707-001103	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA	
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	2	SNA	
...4		3710-003908	CONNECTOR-SOCKET;64P,2R,0.5mm,SMD-S,AU,B	1	SA	
...4	EH01	3711-007803	HEADER-BOARD TO CABLE;BOX,12P,1R,1.25mm,	1	SA	
...4	EH01	3711-008131	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5mm,AN	1	SA	
...4	EH01	3711-008859	HEADER-BOARD TO CABLE;BOX,12P,2R,2mm,ANG	1	SA	
...4		3711-009090	CONNECTOR-HEADER;BOX,16P,1R,1.25mm,SMD-A	1	SA	
...4		3722-003199	JACK-MODULAR;8P/8C,Y,ANGLE,NONE,AU,1PORT	1	SA	
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	2	SA	
...4		3722-003814	JACK-PHONE;1P/7C,NI/SN,YEL,ANGLE,3.5PI,1	1	SA	
...4	JACK	3722-003873	JACK-PHONE;1P/7C,AU/SN,BLU,ANGLE,3.5PI,1	1	SA	
...4		6302-001376	GASKET-SMD;,,CONDUCTIVE FABRIC,T14,W43,L	7	SNA	
...4		BN40-00323A	TUNER-DTV AIR CABLE SAT;DTOS24EH6A,DTOS2	1	SA	
...4		BN41-02528A	PCB-MAIN;KU6000,FR-4,4L,1.6T,193x241mm,1	1	SNA	
...4	CB07	BN61-13312B	BRACKET-PCB;55KS8000,SK5,0.3,13.7,11.4,S	4	SNA	
...4		BN97-10863B	ASSY MICOM-SUB;JMMICOM_EU_TV,UWP60,W25Q4	1	SNA	
....5		1107-002226	IC-NOR FLASH;W25Q40CLSSIP,4Mbit,SOIC,8P,	1	SA	
...4		BN97-10938A	ASSY MICOM;TCON,KU6k,49-SDC-Curved,W25Q8	1	SNA	
....5		1107-002339	IC-NOR FLASH;W25Q80DV,8Mbit,SOP,5.28x5.2	1	SNA	
....5		BN46-00515A	S/W MICOM;Jazz M-L,TCON F/W	1	SNA	
....5		BN46-00534A	S/W MICOM;K49A6U0C,SDC,49A6AU*RK,Curved	1	SNA	
...4		BN97-10947A	ASSY MICOM;T-JZMDEUC,UWP60,THGBMHG6C1LBA	1	SNA	
....5		1107-002422	IC-EMMC;8GB,64Gbx1,BGA,153P,11.50 x 13.0	1	SA	
1		BN91-17339B	ASSY SHIELD;LED TV 6K	1	SNA	
0.2		BN02-00102B	TAPE-FILAMENT;#8917,0.15,25,50,WHITE	0	SNA	
0.2		BN39-02217C	LEAD CONNECTOR-POWER;40K5500,UL21016,12P	1	SA	
0.2		BN39-02219D	LEAD CONNECTOR-SUB ASSY;40KU6300, 43KU63	1	SA	

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0.2		BN39-02231D	LEAD CONNECTOR-SUB ASSY;43KU6400,UL21016	1	SA	
0.2		BN44-00876A	DC VSS-PD BOARD;L55E6_KHS,AC/DC,170W,100	1	SA	
0.2	WIFI	BN59-01239A	NETWORK-WLAN CLIENT;WCK730B,USB 2.0,16P,	1	SA	
0.2		BN96-39802C	ASSY BOARD P-FUNCTION TACT;KS7000/7500/K	1	SA	
0.2		BN96-39820E	FFC CABLE;49KU6500,Fold,L500,96P	1	SA	
0.2		BN96-39821C	FFC CABLE;49KU6500,Fold,L350,96P	1	SA	
0.2		BN96-39967A	ASSY SPEAKER P-FRONT;TV-SPK,KU6500,6ohm,	1	SA	
1		BN92-19775A	ASSY LABEL;LED TV 6K	1	SNA	
0.2		0203-001598	TAPE-FILAMENT;#8915,0.15,12,55000,CLR	0	SNA	
0.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA	
0.2		BN68-07519A	LABEL-ENERGY;ALL JORDAN,WW,PP,T0.135,W60	1	SNA	
0.2		BN68-07873L	LEAFLET-QUICK SETUP GUIDE;KU6640,EU,W/P,	1	SNA	
1		BN92-19800D	ASSY BOX;LED TV 6K	1	SNA	
0.2		BH68-00662A	LABEL BOX;ALL,ART,90g,W60,L110,WHT,NO SI	1	SNA	
0.2		BN68-05640A	LABEL BOX;ALL,ART,90g,W110,L130,EUROPE,L	1	SNA	
0.2		BN69-13859B	BOX UNIT;49KU6640,CB,DW2,F1,L1235,W180,H	1	SNA	
1		BN92-19824A	ASSY P/MATERIAL;LED TV 6K	1	SNA	
0.2		6902-001956	BAG ROLL;HDPE/PE FOAM,HDPE T0.018mm,T0.2	3	SNA	
0.2		6902-002233	BAG AIR;LDPE,-,T0.2,W900,L1850,TRP,-,-,-	1	SNA	
0.2		6922-000003	BAND;PP,T0.8,W18,L1650M,TRP,DA69-90145A	1	SNA	
0.2		BN02-00319B	TAPE-OPP;OPP,T0.05,W75,L800m,CLEAR	3	SNA	
0.2		BN68-02422B	LABEL-WARNING;ALL,ART,T0.05,W240,L100,Wh	1	SNA	
0.2		BN69-03982L	PACKING ANGLE;EDGE,PAPER	1	SNA	
0.2		BN69-05418N	WRAP;T0.017,750,2000000,2000000,750	0	SNA	
0.2		BN69-06640E	PAD-PACKING;TRUCK PAD,CB,-,,W410,L2500,,	1	SNA	
0.2		BN69-06641A	PAD-SHEET;PAD,CB,SW4,,W1130,L1060,,,,,YE	1	SNA	
0.2		BN69-13163A	CUSHION-SET;49KU6500,EPS,16.7g/l,WHT,T-S	1	SNA	
..3		0103-005099	RESIN EPS;BASF303,Natural,Natural	723	SNA	
0.2		BN69-13356A	CUSHION-SET SIDE;49KU6500,EPS,16.7g/l,WH	1	SNA	
0.2		BN69-13622D	PAD-CUSHION FRONT;49K6200,CB,DW2+EPE,W60	1	SNA	
0.2		BN69-13942B	PALLET-WOODEN;49" KU6640,WOOD,-,W1160,L1	1	SNA	
1	ACCE1	BN92-20009Q	ASSY ACCESSORY;LED TV 6K	1	SNA	
0.2	ACCE2	BN96-39428H	ASSY ACCESSORY-CABLE;UK9X	1	SNA	
..3		3709-001791	CONNECTOR-CARD SLOT;64P,0.5mm,SMD-A,AU,P	1	SA	
..3	T0268	3903-000950	CBF-POWER CORD;DT,CEE,LP-21L,250V,2.5A,B	1	SA	
..3		4301-000101	BATTERY-ALKALINE;1.5V,1650mAH,LR6,14.5x5	2	SNA	
..3		6902-001965	BAG PE;LDPE,BIOBASED,T0.05,W200,L300,TRP	1	SNA	
..3	EC03	BN39-02189A	GENDER CABLE;DC to RCA Cable,3P,L100,UL2	1	SA	
..3	EC03	BN39-02190A	GENDER CABLE;DC to RCA Cable,2P,L100,UL2	1	SA	
..3		BN59-01242A	REMOCON-SMART CONTROL;2016 TV,Samsung,14	1	SA	
..3		BN96-40152A	ASSY HOLDER P-CABLE;65KS7500,ABS,BK0007,	1	SNA	
...4		BN61-04692A	ADHESIVE-AA;SHEET,CLEAR,C043	1	SNA	
...4		BN61-05704A	TAPE-DOUBLE FACE;T1.1,W8,Dark Gray,3M #4	0	SNA	
...4	AH089	BN61-13777A	HOLDER-CABLE;55KS7500,ABS,T15,BK0007,HB,	1	SNA	
...4	AS080	BN63-07556W	SHEET-PROTECTION COVER;F-LED,PO,W12,ROLL	0	SNA	
..3	EH03A	BN96-40460A	ASSY HOLDER P-RING;55KS7500,ABS,BLACK,V-	1	SNA	
...4		6902-001404	BAG PE;LDPE,T0.05,W80,L100,TRP,N	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN61-13518A	HOLDER-WALL RING;55KS7500,ABS,MOLD,BK000	4	SA	
0.2	ACCE4	BN96-39429K	ASSY ACCESSORY-MANUAL;UK9X	1	SNA	
..3		6902-001964	BAG PE;LDPE,BIOBASED,T0.03,W200,L300,TRP	1	SNA	
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	2	SNA	
..3		BN68-03548J	LEAFLET-WARRANTY;comm,Samsung,17Lang,Mid	1	SNA	
..3		BN68-04972E	LEAFLET-REGULATORY GUIDE;ALL,SAMSUNG,W/W	1	SNA	
..3		BN68-07598A	LEAFLET-FICHE;ALL,W/P,0	1	SNA	
..3		BN68-07866R	MANUAL USERS;KU6600,XH,W/P,EURO B5	1	SNA	
1		BN92-20021B	ASSY LABEL POP;LED TV 6K	1	SNA	
0.2		BN68-07971J	LABEL POP-HIGHLIGHT;55KU6600,PET,T0.1,W9	1	SNA	
1		BN95-02643D	PRODUCT LCD-SDC;CY-VK049HGLV4V/H,KU6500,	1	SA	
0.2		BN02-00352E	TAPE-OPP;PET,T0.05,W15,L50M,BLK,ULNO.E16	1	SNA	
0.2		BN68-05722A	LABEL-E PASS;POLYPROPYLENE,NON-COATING	1	SNA	
0.2		BN74-00053E	TAPE-PAPER;PAPER,3M2307,0.14T,W20,50m,WH	0	SNA	
0.2		BN90-08232A	ASSY MISC-BLU;Y16,LCM	1	SNA	
..3		6001-002912	SCREW-MACHINE;CH,+,M3,L3,ZPC(BLK),SWRCH1	10	SA	
..3		BN61-13655A	OPTICAL SHEET-REFLECTOR;16Y_KU6400_Refle	1	SNA	
..3		BN61-13656A	OPTICAL SHEET-DIFFUSER;16Y_KU6400_DIFFUS	1	SNA	
..3		BN61-13657A	OPTICAL SHEET-COMPLEX;16Y_KU6400_COMPLEX	1	SNA	
..3		BN61-13689A	LGP;16Y_KS9000_LGP,MS,1080.11x610.96,2.5	1	SNA	
..3		BN61-14082A	HOLDER-LGP;55KS7000,PC,MOLD,WT0044,V-2	1	SNA	
..3		BN96-39604C	ASSY CHASSIS REAR P;49KU6500,EGI-SECC,NA	1	SNA	
...4	SCREW	6001-002759	SCREW-MACHINE;CH,+,M3,L4,ZPC(BLK),SWRCH1	4	SA	
...4	SCREW	6001-003016	SCREW-MACHINE;PWH,+,M3.0,L5.0,ZPC(WHT),S	4	SA	
...4		6041-001068	RIVET-PH;SWRCH10A,OD3.2,L4.3,ZPC(WHT)	8	SNA	
...4		BN02-00040B	TAPE DOUBLE FACE;NNB 32/40/46/55",PET,T0	1	SNA	
...4		BN02-00102B	TAPE-FILAMENT;#8917,0.15,25,50,WHITE	1	SNA	
...4		BN02-00352B	TAPE-OPP;PET,T0.05,W30,L50M,BLK,ULNO.E16	0	SNA	
...4		BN02-00352H	TAPE PET;49"MEGA 2,PET,T0.05,W15,L18,BLA	3	SNA	
...4		BN02-00493A	TAPE PET;55KS9000,PET,T0.05,W5,L50,BLACK	7	SNA	
...4		BN39-02179A	LEAD CONNECTOR-BLU;49KU6400_KU6500,UL210	1	SNA	
...4		BN60-00988V	SPACER-SILICONE;55KU6400,Si,L10,GRAY,T3.	2	SNA	
...4		BN60-01127F	SPACER-SILICONE;55KU6500,SI,L5,GRAY,T2.5	2	SNA	
...4		BN60-01127G	SPACER-SILICONE;55KU6500,SI,L10,GRAY,T2.	2	SNA	
...4		BN61-08235A	HOLDER-LGP;SNB,SWRCH10A,BLACK,PRESS	2	SNA	
...4		BN61-08235F	HOLDER-LGP;55KS7500,SWRCH10A,EXTRUSION,S	2	SNA	
...4		BN61-11982B	HOLDER-WALL RIVET;55KS7000,CR-SPCC,EXTRU	4	SNA	
...4		BN61-13327A	HOLDER-SHEET;55KS7500,ABS,BK0007,HB,COMM	5	SNA	
...4		BN61-13349A	BRACKET-LED PCB;49KS7500,Al,T1.5,NATURAL	1	SNA	
...4		BN61-13557A	BRACKET-WIRE;KS7000,SW-C,1,60,SILVER	3	SA	
...4		BN61-13557F	BRACKET-WIRE;KS7000,SW-C,1,SILVER,ZINC P	4	SA	
...4	CB18	BN61-13608A	BRACKET-STAND LINK;55KU6500,HGI,1.6,NATU	2	SNA	
...4	AH358	BN61-13908A	HOLDER-REAR;55KS9000,ABS,MOLD,BK0007,HB	4	SNA	
...4		BN63-15277A	INSULATOR-SOURCE PCB LEFT;49KS8500,PET,B	1	SNA	
...4		BN63-15278A	INSULATOR-SOURCE PCB RIGHT;49KS8500,PET,	1	SNA	
...4		BN63-15364A	INSULATOR-SMPS;KS7000 49/55IN,PC,BLACK,L	1	SNA	
...4	CC04	BN64-03376A	CHASSIS-REAR;49KS7500,EGI-SECC,PRESS,T0.	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....5		BN01-00360A	STEEL;KS7500,EGI-SECC,0.8,667,AG	5054	SNA	
....5		BN61-11982A	HOLDER-WALL RIVET;Y15 F-LED,CR-SPCC,L15.	4	SNA	
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA	
...4		BN74-00053E	TAPE-PAPER;PAPER,3M2307,0.14T,W20,50m,WH	0	SNA	
..3		BN96-39673A	ASSY LED BAR P;49 KU6400(SDC),Left,ALUMI	1	SNA	
..3		BN96-39674A	ASSY LED BAR P;49 K6400(SDC),Right,ALUMI	1	SNA	
..3		BN96-40267A	ASSY FRAME P-MIDDLE TOP;49KU6500,PC+GF10	1	SNA	
...4		BN61-13483A	FRAME-MIDDLE TOP;49KU6500,PC+GF10%,V-2,B	1	SNA	
..3		BN96-40382A	ASSY FRAME P-MIDDLE LEFT RIGHT;49KU6500,	2	SNA	
...4		BN60-01378A	SPACER-SILICONE;49KU6500,Si,L605,GRAY,T0	2	SNA	
...4		BN61-13485A	FRAME-MIDDLE LEFT RIGHT;49KU6500,PC+GF10	2	SNA	
..3		BN96-40383A	ASSY FRAME P-MIDDLE BOTTOM;49KU6500,PC+G	1	SNA	
...4		BN60-01076A	SPACER-CONDUCTIVE;Y14,CONDUCTIVE FABRIC,	2	SNA	
...4		BN60-01377A	SPACER-SILICONE;49KU6500,Si,L535,GRAY,T0	4	SNA	
...4		BN60-01437A	SPACER-FOAM;49KU6500,PU FOAM,L1065,WHITE	1	SNA	
...4		BN61-13484A	FRAME-MIDDLE BOTTOM;49KU6500,PC+GF10%,V-	1	SNA	
0.2		BN96-39041A	ASSY OPEN CELL;LSF490FN01-L,16:9,UHD 60H	1	SNA	
..3		BN81-12946A	A/S-ADHESIVE ACF;ADHESIVE ACF,0201-00232	1	SNA	
..3		BN81-12952A	A/S-ADHESIVE SIL;ADHESIVE SIL,0201-00237	1	SNA	
..3		BN81-12953A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,LJ	1	SNA	
..3		BN81-13048A	A/S-POLARIZER CF;POLARIZER CF,LJ01-10722	1	SNA	
..3		BN81-13049A	A/S-POLARIZER TFT;POLARIZER TFT,LJ01-107	1	SNA	
..3		BN81-13052A	A/S-SOURCE PCB LEFT;SOURCE PCB LEFT,LJ94	1	SNA	
..3		BN81-13053A	A/S-SOURCE PCB RIGHT;SOURCE PCB RIGHT,LJ	1	SNA	
0.2		BN96-39531A	ASSY COVER P-SOURCE PCB;EGI SECC AG,NATU	1	SNA	
..3		BN63-15145A	COVER-SOURCE PCB;EGI-SECC,T0.6	1	SNA	
..3		BN63-15353A	INSULATOR-SOURCE PCB COVER LEFT;49KS8500	1	SNA	
..3		BN63-15354A	INSULATOR-SOURCE PCB COVER RIGHT;49KS850	1	SNA	
0.2		BN96-40230A	ASSY CHASSIS FRONT P;49KU6500,PC+ABS+ED1	1	SNA	
..3		BN60-00715D	SPACER-CONDUCTIVE;LCM MNT 28,CONDUCTIVE	4	SNA	
..3		BN60-01178H	SPACER-CONDUCTIVE;49KU6500,CONDUCTIVE FA	2	SNA	
..3		BN60-01178N	SPACER-CONDUCTIVE;49KU6500,CONDUCTIVE FA	2	SNA	
..3		BN60-01319B	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC,L17,	5	SNA	
..3	AS080	BN63-07229H	SHEET-PROTECTION COVER;rose70",PET,T0.05	2	SNA	
..3		BN63-07229W	SHEET-PROTECTION COVER;UE8000,PET,W27,RO	1	SNA	
..3		BN63-10913A	FILM HOT STAMPING-NON CONDUCTIVE;UF8000,	3	SNA	
..3		BN64-03327A	BADGE-INLET;Ni,2001gf/in	1	SNA	
..3	AC155	BN64-03468A	CHASSIS-FRONT;49KU6500,PC+ABS+ED18%,V-1,	1	SNA	

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

WARNING

For continued safety, do not attempt to modify the circuit board.

Disconnect the AC power and DC power jack before servicing.

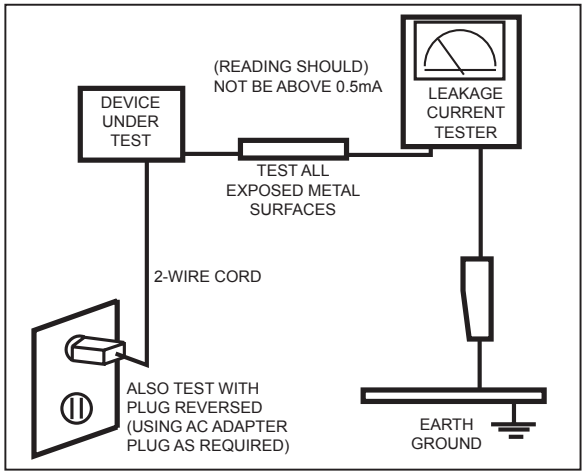
1-1-2. Servicing the LED TV

1. When servicing the LED 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 monitor to the user, perform the following safety checks:

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



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).

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

1-1-4. Product Safety Notices

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

1-2. Servicing Precautions

WARNING

An electrolytic capacitor installed with the wrong polarity might explode.

CAUTION

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

NOTE

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

1-2-1. General Servicing Precautions

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

1-3. Static Electricity Precautions

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

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

CAUTION

Be sure no power is applied to the chassis or circuit and observe all other safety precautions.

8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4. Installation Precautions

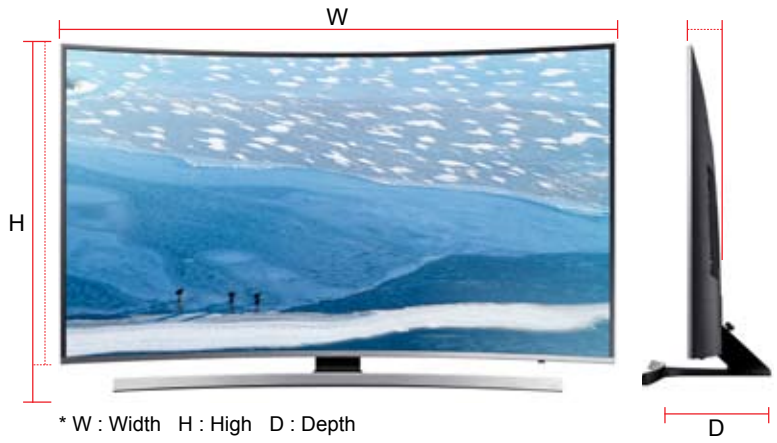
1. For safety reasons, more than a people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.
4. Bend the external antenna cable when connecting it to the product. This is a measure to protect it from being exposed to moisture. Otherwise, it may cause a fire or electric shock.
5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.
6. Keep the antenna far away from any high-voltage cables and install it firmly. Contact with the highvoltage cable or the antenna falling over may cause fire or electric shock.
7. When installing the product, leave enough space (0.4m) between the product and the wall for ventilation purposes. A rise in temperature within the product may cause fire.
8. If an equipment is provided with a replaceable battery, and if replacement by an incorrect type could result in an explosion (for example, with some lithium batteries), the following applies:

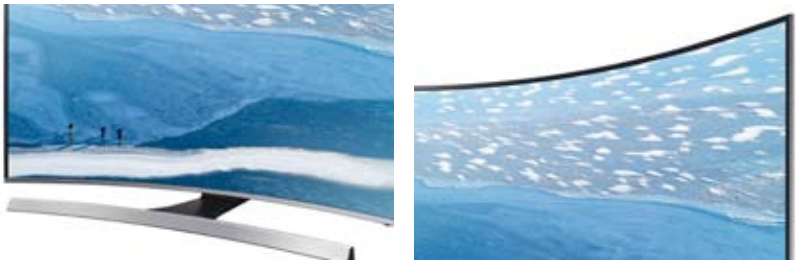
CAUTION

- Risk of explosion if battery is replaced by an incorrect type dispose of used batteries according to the instructions.
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble or overheat the batteries.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Do not be exposed to excessive heat such as sunshine, fire or the like.

2. Product Specifications

2-1. Product information

<table>
<tr><th>Model</th><th colspan="3">UE**KU6642U</th></tr>
<tr><td>Front View</td><td colspan="3"> 

* W : Width H : High D : Depth</td></tr>
<tr><td>Detail View</td><td colspan="3">  </td></tr>
<tr><td>Design</td><td colspan="3">Front Color : Silver / Stand Type : T-Stand</td></tr>
<tr><td rowspan="6">Dimensions
(W x H x D)</td><td rowspan="2">43"</td><td>Body</td><td>965.2 x 565.1 x 93.0 mm</td></tr>
<tr><td>With stand</td><td>965.2 x 633.0 x 295.4 mm</td></tr>
<tr><td rowspan="2">49"</td><td>Body</td><td>1096.3 x 639.4 x 104.0 mm</td></tr>
<tr><td>With stand</td><td>1096.3 x 709.5 x 309.7 mm</td></tr>
<tr><td rowspan="2">55"</td><td>Body</td><td>1233.6 x 715.3 x 97.2 mm</td></tr>
<tr><td>With stand</td><td>1233.6 x 785.9 x 309.7 mm</td></tr>
<tr><td rowspan="6">Weight</td><td rowspan="2">43"</td><td>Without Stand</td><td>10.3 kg</td></tr>
<tr><td>With Stand</td><td>12.5 kg</td></tr>
<tr><td rowspan="2">49"</td><td>Without Stand</td><td>13.6 kg</td></tr>
<tr><td>With Stand</td><td>16.5 kg</td></tr>
<tr><td rowspan="2">55"</td><td>Without Stand</td><td>17.4 kg</td></tr>
<tr><td>With Stand</td><td>20.5 kg</td></tr>
</table>

2-2. Product specification

2-2-1. Detailed Specifications

NOTE

Design and specifications are subject to change without prior notice.

Item		UE43KU6642UXXH
General Information	Product	UHD
	Series	6
	Country	HUNGARY
Display	Screen Size	43"
	Screen Size (cm)	108 cm
	Resolution	3,840 × 2,160
	Quantum Dot Display	N/A
	Ultra Black	N/A
	Screen Curvature	3,000R
	10 bit Support	N/A
Video	Picture Engine	UHD Up-Scaling
	Motion Rate	N/A
	PQI (Picture Quality Index)	1600
	HDR (High Dynamic Range)	HDR
	Dynamic Contrast Ratio	Mega Contrast
	Micro Dimming	UHD Dimming
	Precision Black (Local Dimming)	N/A
	Quantum Dot Color	N/A
	Active Crystal Color	Yes
	Wide Color Enhancer (Plus)	N/A
	PurColor	N/A
	Auto Depth Enhancer	Yes
	Contrast Enhancer	N/A
	Auto Motion Plus	Yes
	Film Mode	Yes
	Peak Illuminator	N/A

Item		UE43KU6642UXXH
Audio	Dolby Digital Plus	Yes
	DTS Codec	Yes
	Sound Output (RMS)	20W
	Speaker Type	2CH(Down Firing w/Bass Reflex)
	Woofer	N/A
	Wallmount Sound Mode	Yes
	Multiroom Link	Yes
	TV SoundConnect	Yes
	BT Headset Support	Yes
Smart TV	Samsung SMART TV	Yes
	Apps	Yes
	Games	
	Cloud Game	
	Billing	
	Automated Content Recognition (ACR)	N/A
	Web Browser	Yes
Smart Interaction	Voice Recognition	Yes
Convergence	TV to Mobile - Mirroring	Yes
	Mobile to TV - Mirroring, DLNA	Yes
	Samsung SMART View	Yes
	Bluetooth Low Energy	Yes
	RVU	N/A
	WiFi Direct	Yes
IoT Service	TV as Hub Support	N/A
	TV as Things Support	N/A
	IoT Client Application	N/A
Tuner/Broadcasting	Digital Broadcasting	DVB-T2CS2
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	CI+(1.3)
	Data Broadcasting	HbbTV

Item		UE43KU6642UXXH
Connectivity	HDMI	3
	USB	2
	Component In (Y/Pb/Pr)	1
	Composite In (AV)	1(Common Use for Component Y)
	Ethernet (LAN)	Yes
	Headphone	N/A
	Audio Out (Mini Jack)	N/A
	Digital Audio Out (Optical)	1
	RF In (Terrestrial / Cable input / Satellite input)	1/1(Common Use for Terrestrial)/1
	Ex-Link (RS-232C)	N/A
	CI Slot	1
	Scart	N/A
	HDMI A / Return Ch. Support	Yes
	HDMI Quick Switch	Yes
	Wireless LAN Adapter Support	N/A
	Wireless LAN Built-in	Yes
	Anynet+ (HDMI-CEC)	Yes
Design	Design	Metallic Bar(Conventional)
	Bezel Type	VNB
	Slim Type	Slim
	Front Color	Silver
	Light Effect (Deco)	N/A
	Stand Type	T-Stand
	Swivel (Left/Right)	N/A

Item		UE43KU6642UXXH
Additional Feature	Instant On	Yes
	Processor	Quad-Core
	Accessibility	Voice guide(EU 17 countries)/ Enlarge/ High contrast
	Digital Clean View	Yes
	One Connect (Jack)	N/A
	Auto Channel Search	Yes
	Auto Power Off	Yes
	BD Wise Plus	N/A
	Caption (Subtitle)	Yes
	Channel List USB-Clone	Yes
	Connect Share™ (HDD)	Yes
	ConnectShare™ (USB 2.0)	Yes
	Embeded POP	Yes
	EPG	Yes
	Extended PVR	Yes
	Game Mode	Yes
	OSD Language	27 European Languages
	Picture-In-Picture	Yes
	BT HID Built-in	Yes
	USB HID Support	Yes
	Time Shift	Yes
	MBR Support	Yes
	Ultra Clean View	Yes
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A

Item		UE49KU6642UXXH
General Information	Product	UHD
	Series	6
	Country	HUNGARY
Display	Screen Size	49"
	Screen Size (cm)	123 cm
	Resolution	3,840 × 2,160
	Quantum Dot Display	N/A
	Ultra Black	N/A
	Screen Curvature	3,000R
	10 bit Support	N/A
Video	Picture Engine	UHD Up-Scaling
	Motion Rate	N/A
	PQI (Picture Quality Index)	1600
	HDR (High Dynamic Range)	HDR
	Dynamic Contrast Ratio	Mega Contrast
	Micro Dimming	UHD Dimming
	Precision Black (Local Dimming)	N/A
	Quantum Dot Color	N/A
	Active Crystal Color	Yes
	Wide Color Enhancer (Plus)	N/A
	PurColor	N/A
	Auto Depth Enhancer	Yes
	Contrast Enhancer	N/A
	Auto Motion Plus	Yes
	Film Mode	Yes
	Peak Illuminator	N/A
Audio	Dolby Digital Plus	Yes
	DTS Codec	Yes
	Sound Output (RMS)	20W
	Speaker Type	2CH(Down Firing w/Bass Reflex)
	Woofer	N/A
	Wallmount Sound Mode	Yes
	Multiroom Link	Yes
	TV SoundConnect	Yes
	BT Headset Support	Yes

Item		UE49KU6642UXXH
Smart TV	Samsung SMART TV	Yes
	Apps	Yes
	Games	
	Cloud Game	
	Billing	
	Automated Content Recognition (ACR)	N/A
	Web Browser	Yes
Smart Interaction	Voice Recognition	Yes
Convergence	TV to Mobile - Mirroring	Yes
	Mobile to TV - Mirroring, DLNA	Yes
	Samsung SMART View	Yes
	Bluetooth Low Energy	Yes
	RVU	N/A
	WiFi Direct	Yes
IoT Service	TV as Hub Support	N/A
	TV as Things Support	N/A
	IoT Client Application	N/A
Tuner/Broadcasting	Digital Broadcasting	DVB-T2CS2
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	CI+(1.3)
	Data Broadcasting	HbbTV
Connectivity	HDMI	3
	USB	2
	Component In (Y/Pb/Pr)	1
	Composite In (AV)	1(Common Use for Component Y)
	Ethernet (LAN)	Yes
	Headphone	N/A
	Audio Out (Mini Jack)	N/A
	Digital Audio Out (Optical)	1
	RF In (Terrestrial / Cable input / Satellite input)	1/1(Common Use for Terrestrial)/1
	Ex-Link (RS-232C)	N/A
	CI Slot	1
	Scart	N/A
	HDMI A / Return Ch. Support	Yes
	HDMI Quick Switch	Yes
	Wireless LAN Adapter Support	N/A
	Wireless LAN Built-in	Yes
	Anynet+ (HDMI-CEC)	Yes

Item		UE49KU6642UXXH
Design	Design	Metallic Bar(Conventional)
	Bezel Type	VNB
	Slim Type	Slim
	Front Color	Silver
	Light Effect (Deco)	N/A
	Stand Type	T-Stand
	Swivel (Left/Right)	N/A
Additional Feature	Instant On	Yes
	Processor	Quad-Core
	Accessibility	Voice guide(EU 17 countries)/ Enlarge/ High contrast
	Digital Clean View	Yes
	One Connect (Jack)	N/A
	Auto Channel Search	Yes
	Auto Power Off	Yes
	BD Wise Plus	N/A
	Caption (Subtitle)	Yes
	Channel List USB-Clone	Yes
	Connect Share™ (HDD)	Yes
	ConnectShare™ (USB 2.0)	Yes
	Embeded POP	Yes
	EPG	Yes
	Extended PVR	Yes
	Game Mode	Yes
	OSD Language	27 European Languages
	Picture-In-Picture	Yes
	BT HID Built-in	Yes
	USB HID Support	Yes
	Time Shift	Yes
	MBR Support	Yes
	Ultra Clean View	Yes
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A

Item		UE55KU6642UXXH
General Information	Product	UHD
	Series	6
	Country	HUNGARY
Display	Screen Size	55"
	Screen Size (cm)	138 cm
	Resolution	3,840 × 2,160
	Quantum Dot Display	N/A
	Ultra Black	N/A
	Screen Curvature	4,200R
	10 bit Support	N/A
Video	Picture Engine	UHD Up-Scaling
	Motion Rate	N/A
	PQI (Picture Quality Index)	1600
	HDR (High Dynamic Range)	HDR
	Dynamic Contrast Ratio	Mega Contrast
	Micro Dimming	UHD Dimming
	Precision Black (Local Dimming)	N/A
	Quantum Dot Color	N/A
	Active Crystal Color	Yes
	Wide Color Enhancer (Plus)	N/A
	PurColor	N/A
	Auto Depth Enhancer	Yes
	Contrast Enhancer	N/A
	Auto Motion Plus	Yes
	Film Mode	Yes
	Peak Illuminator	N/A
Audio	Dolby Digital Plus	Yes
	DTS Codec	Yes
	Sound Output (RMS)	20W
	Speaker Type	2CH(Down Firing w/Bass Reflex)
	Woofer	N/A
	Wallmount Sound Mode	Yes
	Multiroom Link	Yes
	TV SoundConnect	Yes
	BT Headset Support	Yes

Item		UE55KU6642UXXH
Smart TV	Samsung SMART TV	Yes
	Apps	Yes
	Games	
	Cloud Game	
	Billing	
	Automated Content Recognition (ACR)	N/A
	Web Browser	Yes
Smart Interaction	Voice Recognition	Yes
Convergence	TV to Mobile - Mirroring	Yes
	Mobile to TV - Mirroring, DLNA	Yes
	Samsung SMART View	Yes
	Bluetooth Low Energy	Yes
	RVU	N/A
	WiFi Direct	Yes
IoT Service	TV as Hub Support	N/A
	TV as Things Support	N/A
	IoT Client Application	N/A
Tuner/Broadcasting	Digital Broadcasting	DVB-T2CS2
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	CI+(1.3)
	Data Broadcasting	HbbTV
Connectivity	HDMI	3
	USB	2
	Component In (Y/Pb/Pr)	1
	Composite In (AV)	1(Common Use for Component Y)
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	Digital Audio Out (Optical)	1
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	Ex-Link (RS-232C)	N/A
	CI Slot	1
	Scart	N/A
	HDMI A / Return Ch. Support	Yes
	HDMI Quick Switch	Yes
	Wireless LAN Adapter Support	N/A
	Wireless LAN Built-in	Yes
	Anynet+ (HDMI-CEC)	Yes

Item		UE55KU6642UXXH
Design	Design	Metallic Bar(Conventional)
	Bezel Type	VNB
	Slim Type	Slim
	Front Color	Silver
	Light Effect (Deco)	N/A
	Stand Type	T-Stand
	Swivel (Left/Right)	N/A
Additional Feature	Instant On	Yes
	Processor	Quad-Core
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	Channel List USB-Clone	Yes
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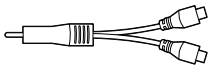
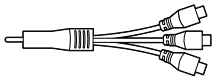
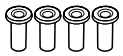
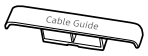
	EPG	Yes
	Extended PVR	Yes
	Game Mode	Yes
	OSD Language	27 European Languages
	Picture-In-Picture	Yes
	BT HID Built-in	Yes
	USB HID Support	Yes
	Time Shift	Yes
	MBR Support	Yes
	Ultra Clean View	Yes
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A

2-3. Accessories

Product	Code. No	Product		Code. No
• Samsung Smart Remote	BN59-01242A	• Power Coard	43"	3903-001118
			49" / 55"	3903-000950
• Batteries (AA x 2)	4301-000101	• Regulatory Guide		BN68-04972E
• Warranty Card	BN68-03548J	• User Manual		BN68-07866R

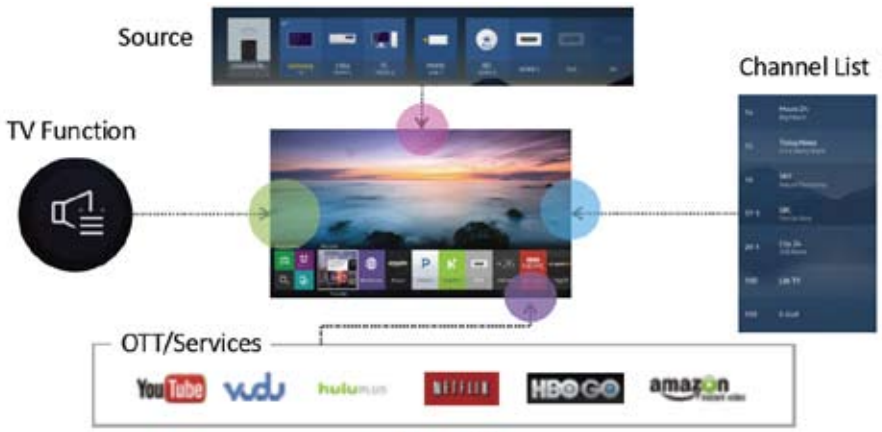
Image	Product	Code. No
	• Component In	BN39-02190A
	• AV IN Adapter	BN39-02189A
	• Wall Mount Adapter x 4EA	BN61-13518A
	• Cable Guide	BN61-13777A
	• CI Card Adapter	3709-001791

2-4. Viewing the Functions

2-4-1. 2016' Smart Hub

■ Content, source, functon, channel list

2015'Y



[Content, source, functon, channel list'on four sides]

2016'Y

[Select any of the four from the bottom of the'screen]

■ Selection method for the Contents

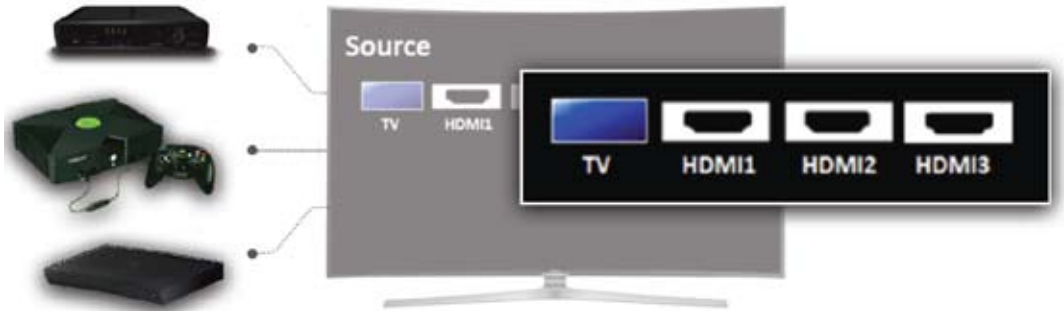
2015'Y

[Select App & Contents]

2016'Y

[Select Contents from the Launcher Screen]

■ Auto Detection



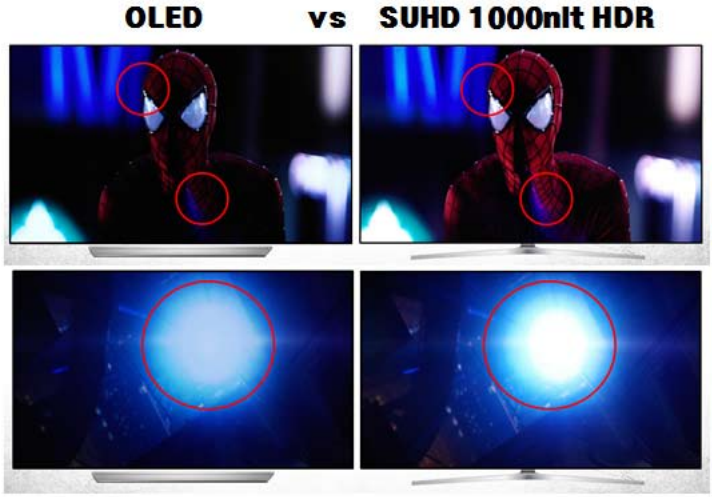
[2015'Y]

[2016'Y - Automatically recognizes connected devices when connected]

2-4-2. Picture

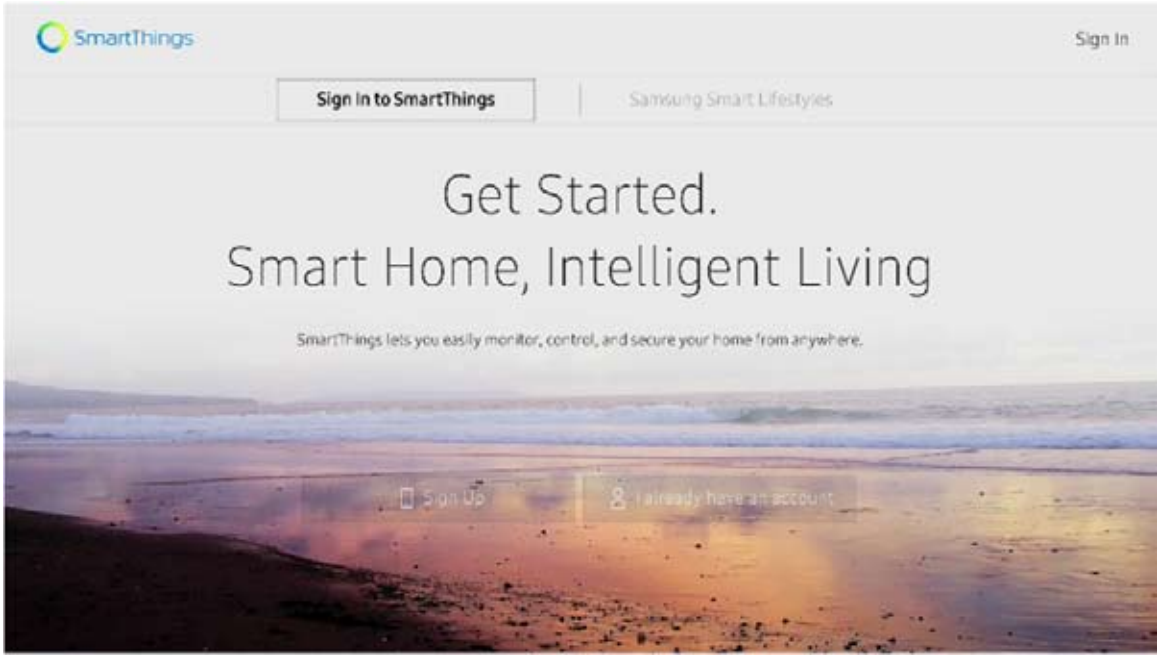
Device
Quantum Dot Color
Quantum Dot / 10bit
HDR
1000nits / Ultra Black
Engine
SUHD Remastering Engine

Darkest
Brightest
Real World
HDR Source
SUHD TV
1,000 nits
LED TV 450 nits
OLED TV
540 nits
Real World
SUHD TV
Conventional TV
OLED TV
※ LED TV : UHD 7 series


OLED
vs
SUHD 1000nit HDR

2-4-3. Smart Things

■ Smart Things



[Smart Things Sign in]

[Smart Things first screen]

NOTE

[Dongle]

- IoT Dongle required.

2-4-4. Viewing the Panel

NOTE

- The image on your TV may differ from the image above depending on your model and geographical area.

■ Smart Hub

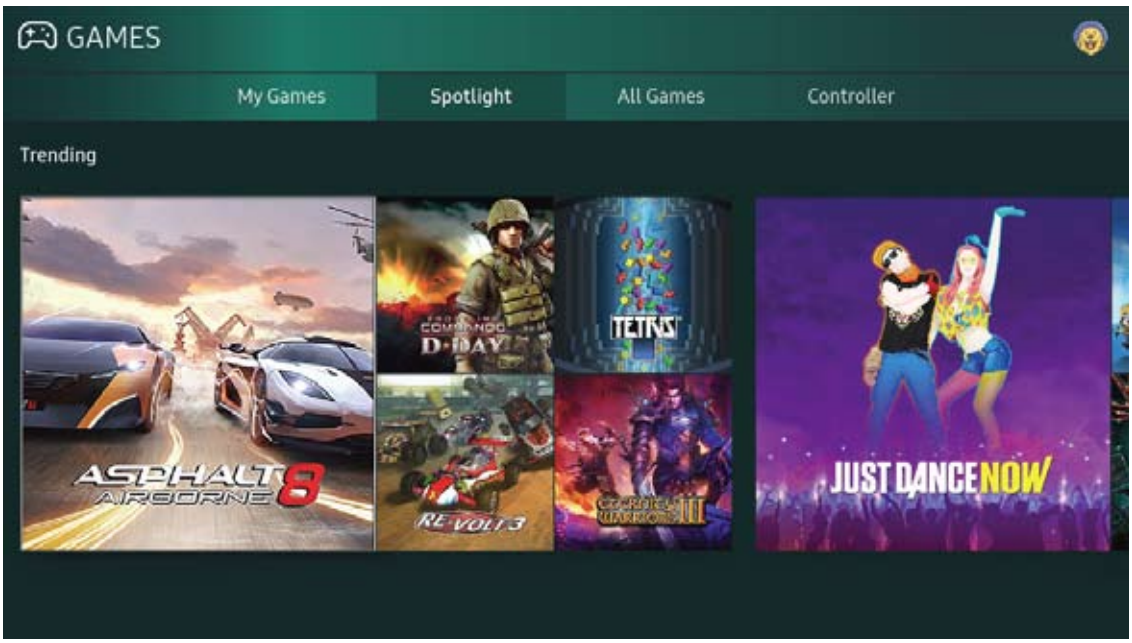
View descriptions of Smart Hub's basic functions.

After pressing the button on your remote control, you can surf the web and download apps with Smart Hub.

- Some of the **Smart Hub** services are paid services. To use a paid service, you must have an account with the service provider or a Samsung account. For more information, refer to "Using a Samsung account."
- To use Smart Hub, the TV must be connected to the Internet.
- Some **Smart Hub** features may not be available depending on the service provider, language, or region.
- Smart Hub service outages can be caused by disruptions in your Internet service.
- You can view the entire text of the **Terms & Policy** document by navigating to **Support** > **Terms & Policy**. If you want to stop using **Smart Hub**, you can cancel the agreement.

■ GAMES

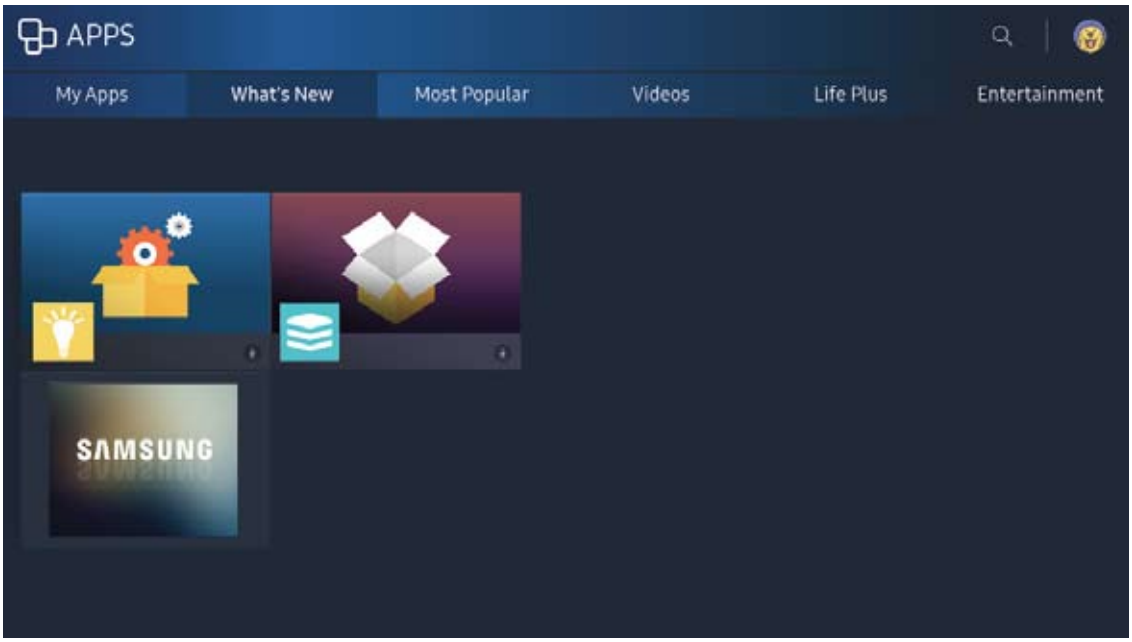
Enjoy games provided with Smart Hub.



You can install or run games. The installed games are stored in My Games.

■ APPS

Download and run various apps from Smart Hub.



You can enjoy a wide range of content including news, sports, weather, and games by installing the corresponding apps on your TV.

- To use this feature, the TV must be connected to the Internet.
- When Smart Hub is launched for the first time, the default apps are automatically installed. The default apps may differ with the geographical area.

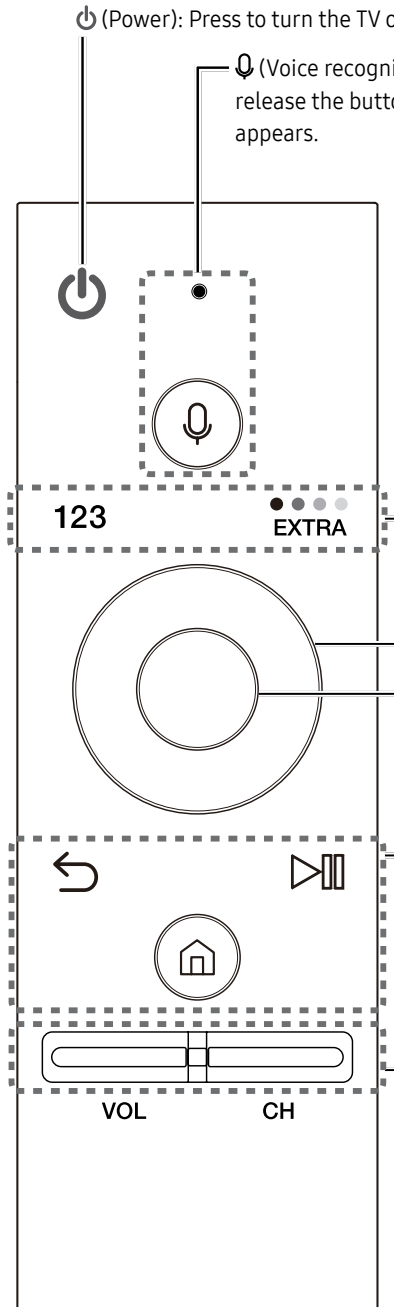
■ Pictures/Video/Music

Play media content stored on your TV, USB devices, smartphones, cameras, PCs, etc.

You can play media content saved on storage devices, such as USB devices, mobile devices, and cameras, on the TV.

- You cannot play media content if the content or the storage device is not supported by the TV. For more information, refer to "Read Before Playing Photo, Video, or Music Files."
- Backup important files before connecting a USB device. Samsung is not responsible for damaged or lost files.
- To connect the TV to a computer, refer to "Connecting a Computer."
- To connect the TV to a mobile device, refer to "Connecting a Mobile Device."

2-4-5. The Samsung Smart Control



(Power): Press to turn the TV on or off.

(Voice recognition): Runs Voice Interaction. Press the button, say a voice command, and then release the button to run Voice Interaction. When pressed once, the guide to Voice Interaction appears.

123 (Number pad): When pressed, a number strip appears on the screen. Select numbers and then select **Done** to enter a numeric value. Use to change the channel, enter a PIN, enter a ZIP code, etc.

- When pressed for 1 second or more, the TTX menu appears.

EXTRA (extra): While watching content, press to display extra information from the content provider.

4 colour buttons (colour): Use these coloured buttons to access additional options specific to the feature in use.

Directional pad: Moves the focus and changes the values seen on the TV's menu.

Select: Selects or runs a focused item. When pressed while you are watching content, detailed programme information appears. When pressed again, you can select or run any of the functions displayed.

(Return): Returns to the previous menu. When pressed for 1 second or more, the running function is terminated. When pressed while you are watching a programme, the previous channel appears.

(Play/pause): When pressed, the playback controls appear. Using these controls, you can control the media content that is playing.

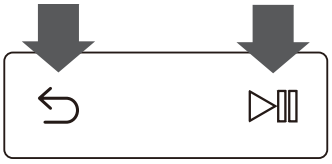
(Smart hub): Returns to the **Home Screen**.

VOL (Volume): Move the button up or down to adjust the volume.

To mute the sound, press the button. When pressed for 1 second or more, the **Accessibility Shortcuts** menu appears.

CH (Channel): Move the button up or down to change the channel. To see the **Guide** screen, press the button.

■ Pairing the TV to the Samsung Smart Control



When you turn on the TV for the first time, the Samsung Smart Remote pairs to the TV automatically. If the Samsung Smart Remote does not pair to the TV automatically, point it at the remote control sensor of the TV, then press the and buttons on the Samsung Smart Remote simultaneously for 3 seconds or more.

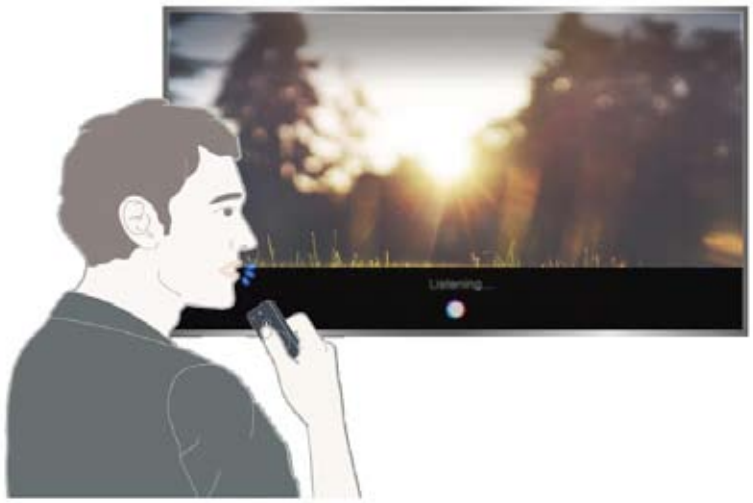
2-4-6. Using Voice Interaction

Access and run certain menu options and functions using voice commands.

■ Running Voice Interaction

Press and hold the button, say a command, and then release the button. The TV recognizes the voice command.

- If the command is not recognized, try again with correct pronunciation.



2-4-7. Supported Resolutions for UHD Input Signals

Check the supported resolution for UHD input signals.

- Resolution: 3840 x 2160p, 4096 x 2160p

NOTE

An HDMI connection with **HDMI UHD Color** set to **Off** supports up to UHD 50P/60P 4:2:0 input signals, while an HDMI connection with **HDMI UHD Color** set to **On** supports up to UHD 50P/60P 4:4:4 and 4:2:2 input signals.

■ If HDMI UHD Color is set to Off

Frame rate (fps)	Color Depth / Chroma Sampling	RGB 4:4:4	YCbCr 4:4:4	YCbCr 4:2:2	YCbCr 4:2:0
50 / 60	8 bit	-	-	-	O

■ If HDMI UHD Color is set to On

Frame rate (fps)	Color Depth / Chroma Sampling	RGB 4:4:4	YCbCr 4:4:4	YCbCr 4:2:2	YCbCr 4:2:0
50 / 60	8 bit	O	O	O	O
	10 bit	-	-	O	O
	12 bit	-	-	O	O

NOTE

For the SUHD models, each HDMI connection can be individually optimized for **HDMI UHD Color**.
For the UHD models, make sure to connect to the HDMI IN 1 port of the TV.

2-4-8. Supported Formats

■ Supported external subtitles

Name	Format
MPEG-4 Timed text	.ttxt
SAMI	.smi
SubRip	.srt
SubViewer	.sub
Micro DVD	.sub or .txt
SubStation Alpha	.ssa
Advanced SubStation Alpha	.ass
Powerdivx	.psb
SMPTE-TT Text	.xml

■ Supported internal subtitles

Name	Format
Xsub	AVI
SubStation Alpha	MKV
Advanced SubStation Alpha	MKV
SubRip	MKV
VobSub	MKV
MPEG-4 Timed text	MP4
TTML in smooth streaming	MP4
SMPTE-TT Text	MP4
SMPTE-TT PNG	MP4

■ Supported image formats and resolutions

File extension	Format	Resolution
*jpg *jpeg	JPEG	15360 x 8640
*png	PNG	4096 x 4096
*bmp	BMP	4096 x 4096
*mpo	MPO	15360 x 8640

■ Supported music formats and codecs

File extension	Format	Codec	Note
*.mp3	MPEG	MPEG1 Audio Layer 3	
*.m4a *.mpa *.aac	MPEG4	AAC	
*.flac	FLAC	FLAC	Supports up to 2 channels
*.ogg	OGG	Vorbis	Supports up to 2 channels
*.wma	WMA	WMA	Supports up to 10 Pro 5.1 channels. WMA lossless audio is not supported. Supports up to the M2 profile.
*.wav	wav	wav	
*.mid *.midi	midi	midi	Supports type 0 and type 1. Seek is not supported. Supports USB device only.
*.ape	ape	ape	
*.aif *.aiff	AIFF	AIFF	
*.m4a	ALAC	ALAC	

■ Supported video codecs

File format	Container	Video codecs	Resolution	Frame rate (fps)	Bitrate (Mbps)	Audio codecs
*.avi *.mkv *.asf *.wmv *.mp4 *.mov *.3gp *.vro *.mpg *.mpeg *.ts *.tp *.trp *.mov *.flv *.vob *.svi *.m2ts *.mts *.divx	AVI MKV ASF MP4 3GP MOV FLV VRO VOB PS TS SVAF	H.264 BP/MP/HP	4096 x 2160	4096X2160: 30 3840X2160: 60	60	Dolby Digital LPCM ADPCM(IMA, MS) AAC HE-AAC WMA Dolby Digital Plus MPEG(MP3) DTS(Core, LBR) G.711(A-Law, μ-Law)
		HEVC (H.265 - Main, Main10, Main4:2:2 10)		60	80	
		Motion JPEG		30	80	
		MVC	1920 x 1080	60	60	
		DivX 3.11 / 4 / 5 / 6			20	
		MPEG4 SP/ASP				
		Window Media Video v9(VC1)				
		MPEG2				
		MPEG1				
		Microsoft MPEG-4 v1, v2, v3		30		
		Window Media Video v7(WMV1) ,v8(WMV2)				
		H.263 Sorrenson				
		VP6				
*.webm	WebM	VP8	1920 x 1080	60	20	Vorbis
		VP9	4096 x 2160	4096 x 2160: 30 3840 x 2160: 60	40	

■ Other Restrictions

- Codecs may not function properly if there is a problem with the content.
- Video content does not play or does not play correctly if there is an error in the content or container.
- Sound or video may not work if they have standard bit rates/frame rates above the TV's compatibility ratings.
- If the Index Table is has an error, the Seek (Jump) function will not work.
- When playing video over a network connection, the video may not play smoothly because of data transmission speeds.
- Some USB/digital camera devices may not be compatible with the TV.
- HEVC codec is only available in MKV/MP4/TS containers.

■ Video decoders

- H.264 FHD is supported up to Level 4.1. FMO/ASO/RS are not supported.
- H.264 UHD is supported up to Level 5.1.
- HEVC FHD is supported up to Level 4.1, and HEVC UHD is supported up to Level 5.1.
- VC1 AP L4 is not supported.
- All video codecs excluding WMV v7, v8, MSMPEG4 v3, MVC, and VP6:
  - Below 1280x720: 60 frame max
  - Above 1280x720: 30 frame max
- GMC 2 or above is not supported.
- Supports SVAF Top/Bottom. Side by Side, and Left/Right view sequence type (2ES) only.
- Supports BD MVC specs only.

■ Audio decoders

- WMA 10 Pro supports up to 5.1 channels. Supports up to the M2 profile. WMA lossless audio is not supported.
- QCELP and AMR NB/WB are not supported.
- Vorbis is supported for up to 2 channels.
- Dolby Digital Plus is supported for up to 5.1 channels.
- The DTS LBR codec is only available for MKV / MP4 /TS containers.
- The supported sample rates are 8, 11.025, 12, 16, 22.05, 24, 32, 44.1, and 48 KHz, and differ by the codec.

4. Troubleshooting

4-1. Previous Check

■ Check list for initial operation

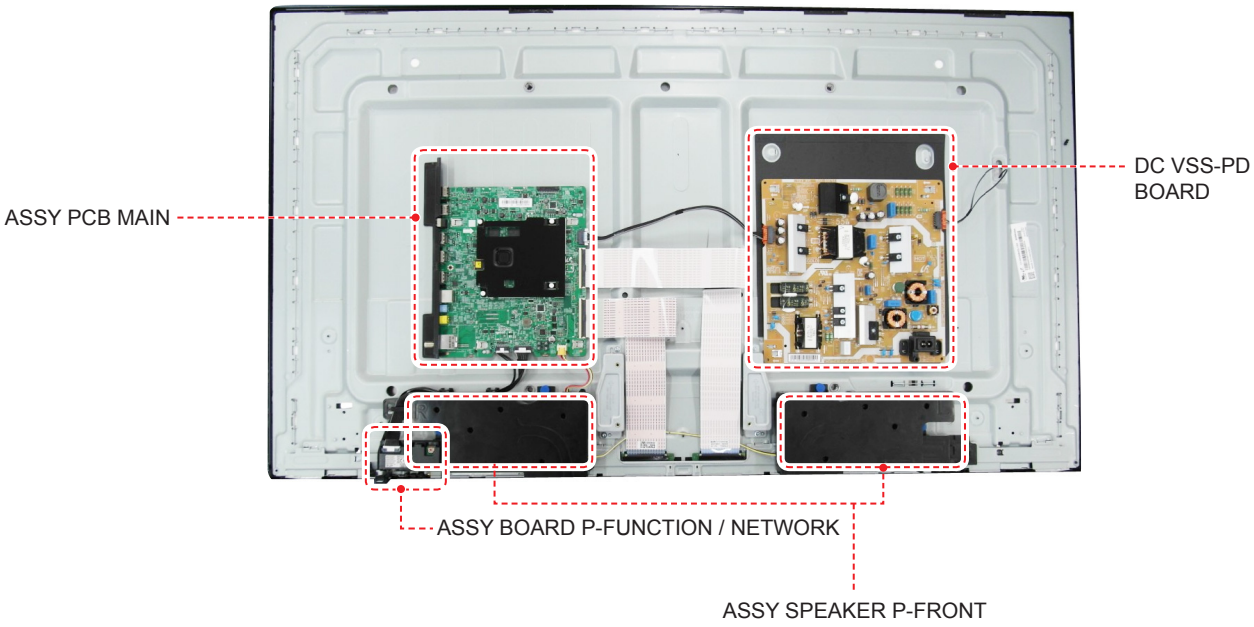
1. Check the various cable connections first.
   - Check to see if there is a burnt or damaged cable.
   - Check to see if there is a disconnected or loose cable connection.
   - Check to see if the cables are connected according to the connection diagram.
2. Check the power input to the Main Board.
3. How to distinguish if the problem is caused by Main Board.
   - No Video

Symptom	If the problem is No Video but BLU is on and Indication LED is blinking repeatedly and faster than nomal booting.
Check Points	• Replace the Main Board.

   - Distorted Picture :

Check Points	• Check the inner patterns.

■ Inner View



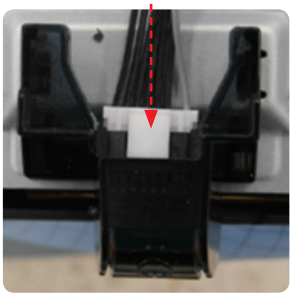
4-2. How to Check Fault Symptom

4-2-1. Power

■ TV POWER STANDBY

1. TV in Standby
   - √ **Standby LED Indicator**
2. If Not Lit:
   - √ AC 120Vac Line
3. If missing:
   - √ 120Vac Source and Power Cord
4. If OK:
   - √ Resistance on SMPS **Fuse** after first removing AC power cord.
5. If fusses are open replace SMPS.
6. If fuses are OK:
   - √ **Standby**: **A13V** (Always On) to Main Board. Should all be approx. 9 **VDC**
7. If any missing remove the SMPS connector to Main Board .
   - √ Standby A13V again for 9VDC.
   - − If OK replace **Main Board**.
   - − If still missing replace **SMPS**.

■ FUNCTION/IR Control



<Function/IR>

Main Board - CN1101 (FUNCTION/IR)			
1	IR 3.3Vdc to 2.5Vdc (Effective DC)	2	GND
3	A3.3V_PW	4	AMP_SCL_I2C 3.3Vdc (effective DC)
5	AMP_SDA_I2C 3.3 Vdc (effective DC)	6	KEY_INPUT1 (1.8dc to 0V with PWR On command)
7	KEY_INPUT2 (1.8Vdc to command)	8	LED_STB_OUT 1.7Vdc STBY
9	N/C	10	N/C
11	N/C	12	N/C

1. TV in Standby
   √ **LED Status**
2. If **LED** is **OFF**
   √ LED 1.7Vdc (pin 8) and VCC for 3.3Vdc
   • If missing suspect **Function Assy/Cable Assy/Main Assy**.
3. If **LED** is **ON**
   √ Switch Operation activates on screen display.

If missing:

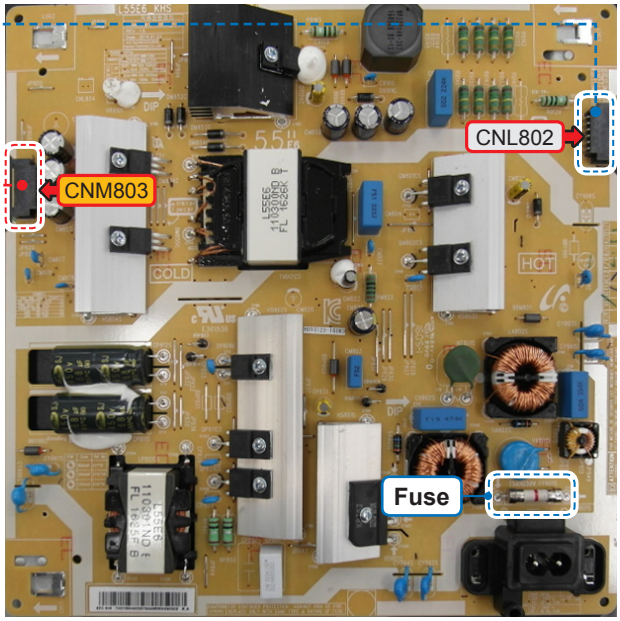
1. Check the STBY voltage from SMPS to Main Board.
   √ If STBY is OK suspect **Main Board**.
2. Check Jog Shuttle 5 SW Operation (**Key 1** & **Key 2**) for command changes. If incorrect suspect a **stuck Jog switch** which also holds data to Main preventing operation.
3. Check **SDA**, **SCL** for effective 3.3Vdc (after power on).
4. Check **IR** with Standard Remote command changes. (3.3V to 2.5V effective DC)

■ SMPS POWER

SMPS Front

CNL802							
1	2+	2	NC	3	NC	4	2-
5	NC	6	NC	7	NC	8	NC
9	1+	10	NC	11	NC	12	1-
13	NC	14	NC	15	IF2	16	IF1

CNM803					
1	Fail Count	2	ANA_DIM	3	A13V
4	OD_ON/OFF	5	A13V	6	BLU_PWM
7	A13V	8	POWER_On/Off	9	GND
10	GND	11	GND	12	GND



1. **Power TV On.**
   - √ **PS_ON**. **2Vdc** (when off) changes to **3.3Vdc** (on)
   - – PS_On stays active for approx 20 sec. after TV is placed in Standby. It also remains ON for approx 2 min. after initial AC Power Cord is connected, even though standby indicator is lit.
2. if voltage error or no change.
   - √ Jog Function Control Test.
3. If OK replace Main Board.
   - √ All **A13V supplies to** full voltage level **12.7VDC**.
4. If any wrong voltage, remove the SMPS connector to Main Board.
   - √ A13V again for 12.7VDC.
5. If OK replace Main Board.
6. If still wrong voltage replace SMPS.
   - √ **OD** (Over Voltage Detect) : 3.3Vdc (Operating Normal)
7. If 0V or changing, an SMPS or Panel error exists.
8. Perform Backlight Test.
   - √ **BLU_PWM** 0V- Off to approx 1 - 3.3 V pending Backlight dim level.
   - √ If missing/error replace **Main Board**.

■ BACKLIGHTS

Simplified : 40" ~ 55"

1. Activate Backlights Test

- Disconnect Lead Cable from Main Board to Power Supply. **(CNM803)**
  - √ TV Screen for active backlight LEDs.

2. If NO BACKLIGHTS

- √ Plus (+) & Minus (-) pin voltages on the Panel Connector.
  - If no pin voltages replace SMPS.
  - If voltages exist but no backlight.
- √ The highest pin voltage (BL Drive Supply).
  - Remove Panel connector and measure again to compare.
  - If the voltage was high and stays the same high reading a string of Panel LEDs are open.
    - Replace the Panel.
  - If the **voltage was low** and remains low the **SMPS** is defective.
  - If the voltage was low and goes high a string of panel LEDs are shorted replace the **Panel**.

3. BACK LIGHT DIMMING PROBLEMS

- Go to Menu/Picture/Expert/Backlight and vary level (0 - 20).
- If no backlight changes are observed:
  - √ Panel Connector pin voltages and BLU_PWM voltages **(CNL802)** while changing backlight level.
- If Panel voltages don't change, and BLU_PWM changes, replace **SMPS**.
- If BLU_PWM doesn't change replace **Main Board/T-Con Board**.

Simplified : 65"

1. Activate Backlights Test

- Disconnect Lead Cable from Main Board to Power Supply. **(CNM803)**
  - √ TV Screen for active backlight LEDs.

2. If NO BACKLIGHTS

- √ Minus (Control) pins & Plus (Supply) pins voltages on the Panel Connector.
  - If no pin voltages replace **SMPS**.

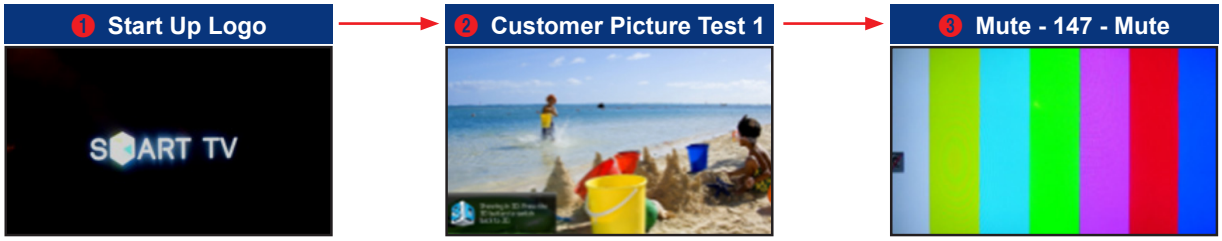
3. If BACKLIGHTS ON BUT PANEL SECTION(S) OFF (for SMPS wired in parallel)

- √ The Supply Drive + pins should each measure the same voltages.
  And the - pins should each measure the same voltages. This verifies the SMPS is wired with LED Strings in parallel and operating correctly.
- If a Minus (-) pin measures low (near 0 volts), a string(s) of LEDs are likely open.
  - **Replace Panel**.
- If a plus pins measures higher than the others, a string of LEDs is also likely opened.
  - **Replace Panel**.
- Can remove Panel connector and verify same open backlight voltage condition.
  - **Replace Panel**.
- If a Plus pin measures low: Remove the Panel connector, if it stays low Replace SMPS.
  If it goes high like the other plus pins, the **Replace Panel**.

4-2-2. Video

■ MAIN / T-CON Board

1. Main Board Section



Video Operation : **Generated on Main Section.**

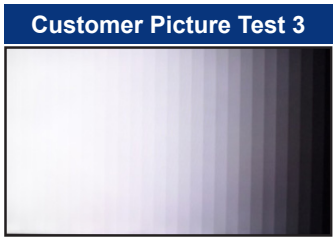
1. **If OK:**
   - √ Source & Input Cables.
   - √ Other inputs.
   - √ One Connect Cable/Box.
2. **If Noisy:**
   - √ T-CON Section Test Patterns.

2. PRE FRC of T-CON Section

Video Operation : **Generated at Pre FRC, of T-CON Section.**

1. **If OK:**
   - √ Main Section.
2. **If Noisy:**
   - √ Post FRC Pattern.

3. POST FRC of T-CON Section



Video Operation : **Generated at Post FRC of T-CON Section.**

1. **If OK:**
   - √ Main / T-CON Board (defective).
2. **If Noisy:**
   - √ Mute - 369 - Mute.

4. T-CON Section

NOTE

May not be available for Larger models over 70 inches.

Video Operation : **Generated at T-CON Section.**

1. **If OK:**
   - √ Main / T-CON Board (defective).
2. **If Noisy:**
   - √ Main / T-CON Board.

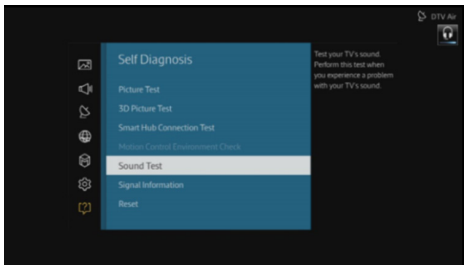
■ PANEL

1. If Noisy:

√ Panel (defective).

4-2-3. Audio

■ AUDIO



Source

- **No TV Sound**
  - √ Menu → Audio → Speaker Settings set to **TV Speaker**
- **Noisy / Distorted TV Audio**
  - √ Customer Menu → Support → **Sound Test**
- **If Sound Test FAILS : (Missing / Noisy Audio)**
  - √ Speakers (compare resistance/quality)
    - Compare audio level out to speakers with multi meter.
  - √ Replace defective Speakers or Main Board or Cable.
- **IF Sound Test OK :**
  - √ Audio Source & External Cables.
  - √ With external Audio Generator (device or App).
  - √ Other Inputs.
  - √ One Connect Mini.
- **Optical Digital Out Errors**
  - √ Red light from Optical Digital Out.
    - If missing replace One Connect Mini
- **No HDMI Audio**
  - √ Source / HDMI Cable & One Connect Mini Connectors.
    - Swap with other HDMI Inputs/Sources.
    - Perform **EDID Write** in Factory Mode (Can restore missing HDMI Audio).
  - √ Bulletins and Latest firmware on TV.
    - If not restored replace One Connect Mini/Main.
    - Check Audio Format PCM/Dolby based on external Receiver.
- **ARC Issues**
  - √ HDMI Cable is input to the ARC Designated HDMI port.
  - √ ARC (HDMI Control) is enabled on the external Receiver.
- **Bluetooth Audio "Sound Share" Connection Issues**
  - √ Sound Bar is in TV Mode.
    - To Connect, Press & Hold Play Button until Sound Bar pairing mode begins.

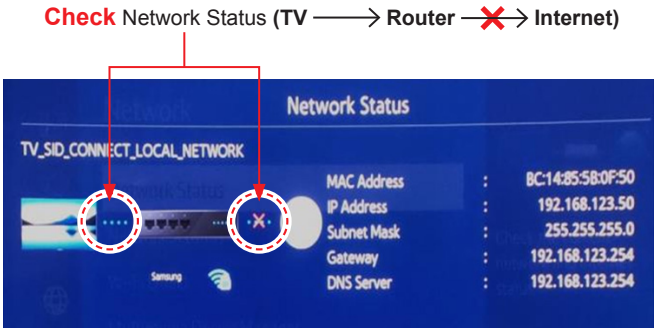
4-2-4. Network

<TV> <Router> <Internet>

■ TV to Router "Failure"

- **Wired & Wireless MAC Address** in Customer Support Menu.
  - √ **No Wired MAC Address**: Replace Main Board.
  - √ **No Wireless MAC Address**: Module cabling & voltages from Main Board.
  - √ If operating voltages are OK but signal missing.
    - Replace WiFi Module (WiFi/Bluetooth Module).
- Proper **security passcode**
  - √ Check Wi-Fi signal strength at TV (use WiFi Analyzer or similar App).
    - Try another source (Hot spot or Test Router).
  - √ Check related Bulletins.
  - √ Check **Factory Mode** → **SVC** → **Info** → **WiFi Error Count** (replace module for high error counts).

■ Router to Network "Failure"



- Instruct the customer the TV has proper connection to the router and is likely OK.
  - √ Check other devices using network are OK. If they test OK this does not mean the TV should be working.
- Try another source (Hotspot) to test/show TV Network operation.

4-2-5. Smart Hub

Go to Menu > Support > Self Diagnosis > Smart Hub Connection Test

<TV> <Router> <Internet> <Samsung Server>

1. Network / Gateway	• **If it Fails:** √ TV to Router Connection Test in "**Network Trouble shooting**"
2. DNS Test	• **If it Fails:** √ DNS setting in "**Network Settings**" • **If DNS is set manually:** √ Settings are correct (may be set to 8.8.8.8 to prevent Netflix issues) • **If it still fails:** √ DNS Test with setting to Auto Mode • If it fails both Manual & Auto problem is ISP or Router.
3. ISP Blocking	• **If it Fails:** √ Internet Service Provider is Active. √ With DNS setting at 8888. √ With Hot Spot.
4. Samsung Server Test	• **If it Fails:** √ Network Status. • **If OK:** √ Reset Smart Hub. √ Terms of Agreement are accepted.
5. Samsung Apps	• **If it Fails:** √ Reset Smart Hub. √ Samsung Apps load correctly. √ Perform "**Apps Reset**" in Factory Mode. √ Go to Smart Hub and complete Terms of Agreement and set up information. √ Samsung Apps load correctly. √ Before selecting an App, allow Apps to load or failure wilre-occur.

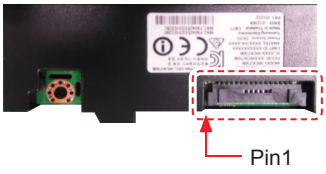
For Netflix Operation/Connection Issues:

- Check Certificate & Netflix ESN Status in Factory Mode.
  - If Certificate and ESN exists, "**CO**", "**NfO**", change the **DNS** to **8.8.8.8**
  - If Certificate is missing, "**C/**" replace the TV's Main Board.
  - If ESN number is missing: **NF/** do not replace the Main Board.
    - Reset TV Clock and check for correct Time & Date. Netflix relies on correct settings.
    - Reset Smart Hub. / Reset Apps In Factory Mode.

For Streaming Issues:

- Go to TV Web Browser / Go to speedof.me / testmy.net
  - √ **Check Speed** for at least 5 Mbps(HD streaming) / 25 Mbps (4K Streaming).
  - √ **Check Latency** for less than 50ms.

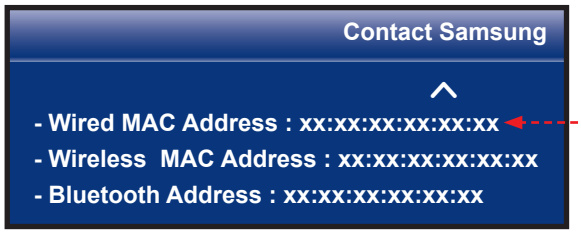
4-2-6. Bluetooth / WiFi Module



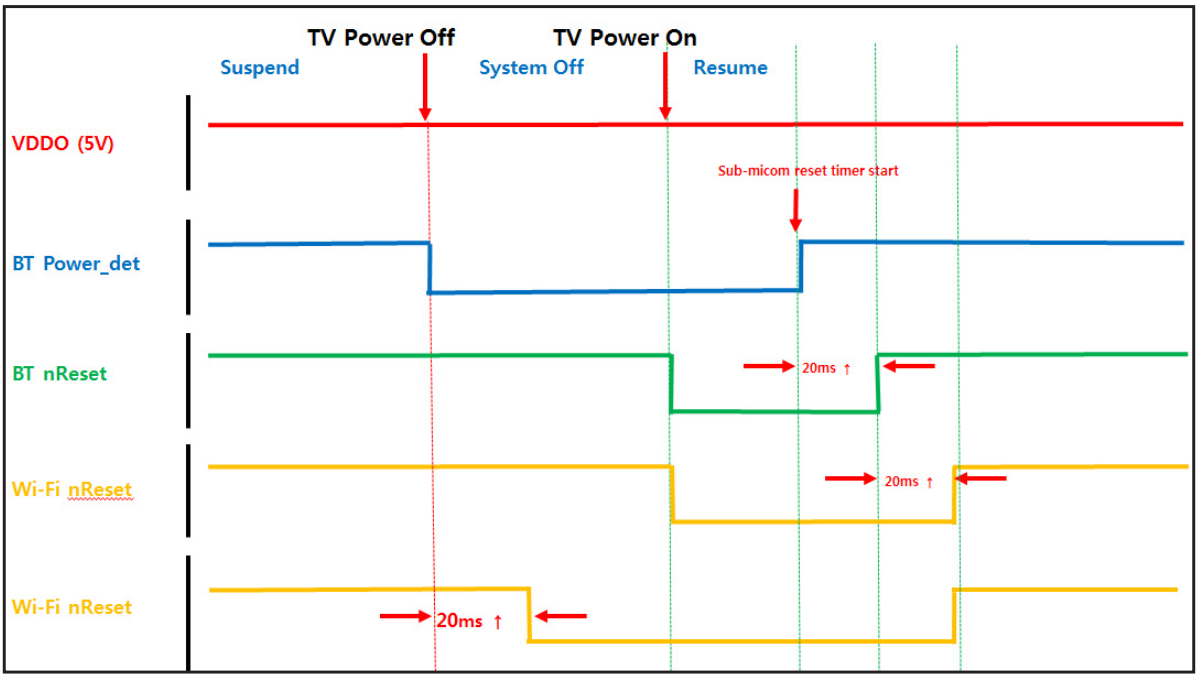
BT / WIFI			
1	BT_NRESET	2	BT_POWER_DET
3	BT_WAKE	4	-
5	BT_D-_USB	6	BT_D+_USB
7	-	8	BT_WELCOME
9	WIFI_PHY_ON	10	-
11	WIFI_D+_USB	12	WIFI_D-_USB
13	-	14	WIFI_5V
15	WIFI_WOL	16	WIFI_NRESET

Pins	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Standby	3.3 Vdc	0	3.3 Vdc	NC	0	0	0	0V	0V	0	3 Vdc	0	0	5 Vdc	3.3 Vdc	3.3 Vdc
Power ON	3.3 Vdc	3.3 Vdc	3.3 Vdc		0.7V eff.dc BT Sig (DM) 4V p-p	2.5V eff.dc BT Sig (DM) 4V p-p	0	0V	3.3 Vdc	0	2.5V eff.dc WIFI Sig (DP) 0.5V p-p	2.5V eff.dc WIFI Sig (DM) 0.5V p-p	0	5 Vdc	3.3 Vdc	3.3 Vdc

Go to Menu > Support > Contact Samsung



- If **Bluetooth Address** or **Wireless MAC Address** are missing or errors exist.
- BT & Wi-Fi Connector Voltages.
  - If Voltages are OK but no BT or Wi-Fi Signals voltage(s), replace defective Module.



4-3. Factory Mode

■ Factory Remote

1. Power TV ON.
2. Select TV Source.
3. **Info** → **Factory**.
4. Use **MENU** for return.

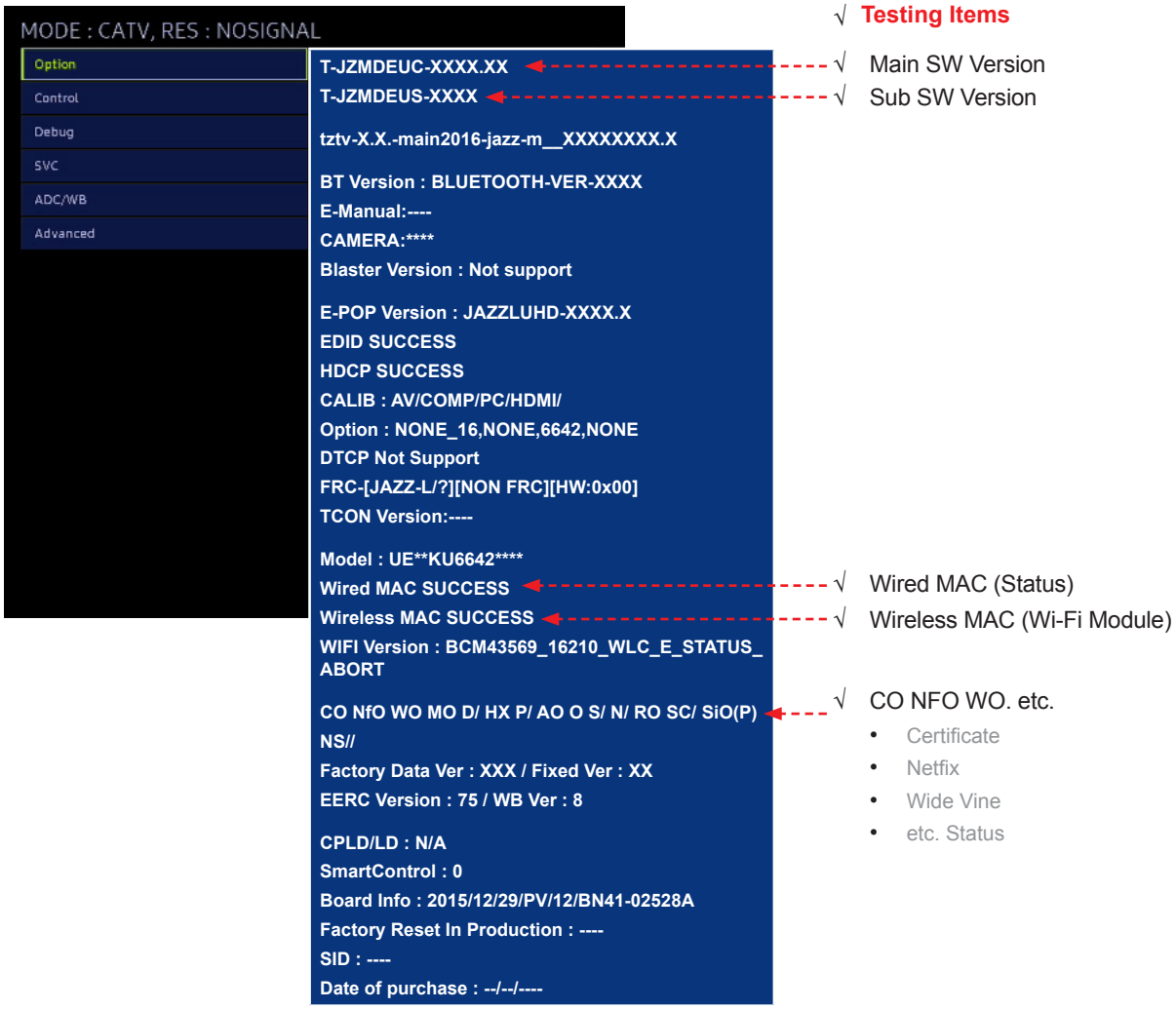
■ Samsung IR Remote (Limited Operation)

1. TV Power Standby.
2. Press as follows.
   - Remote Button : **Power OFF** → **INFO** → **MENU** → **MUTE** → **Power ON**

- **Option** (must set Option Bytes when replacing Main Board.)
- Option → **Factory Reset** (returns TV to out of box condition. Does not reset Apps.)
- SVC → **Test Patterns**
- SVC → Info → **ER Count** (Important to check for errors.)
  - Resets to 0 with Factory Reset.

First Screen Appearing in Factory Mode

- Ex. SAMPLE Model



■ Factory Reset

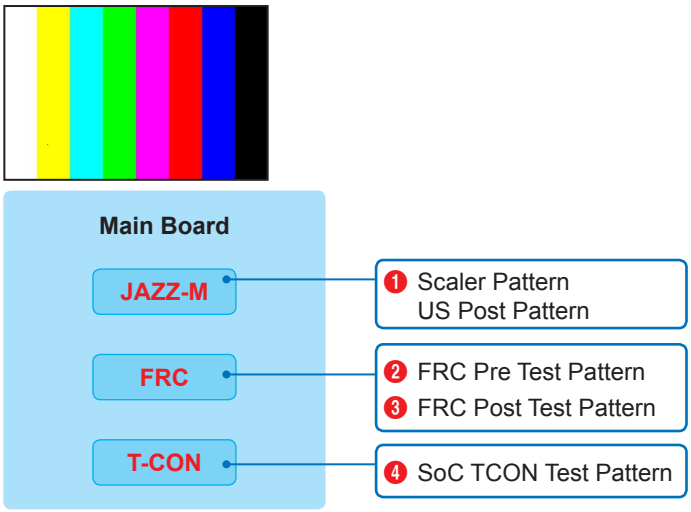
- Ex. SAMPLE Model

Factory Reset	
Type	43L6AU0RK
Local Set	EU
SW Model	UKU66A0
BOM Model	6642
TUNER	-
Ch Table	NONE

Setting Option Bytes

1. Enter Factory Mode with **Service Remote** (only).
2. Check Option Byte Table located on **GSPN** (Fast Track or Tips).
3. Select each item to change.
4. Soft power TV Off to load.

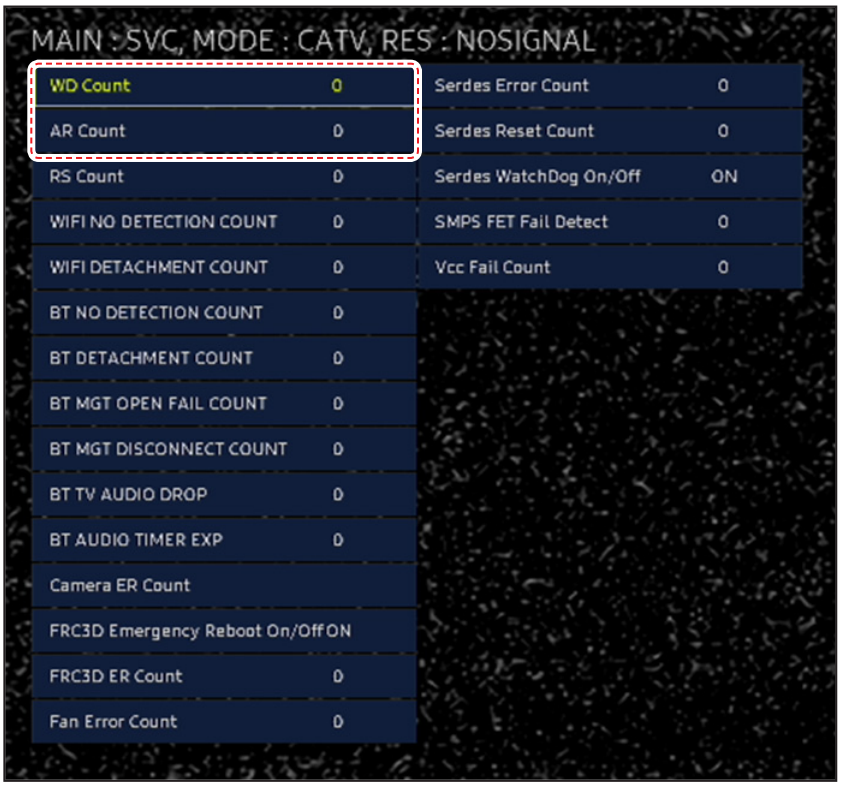
■ SVC > Test Patterns



Check Test Patterns

1. Verify "**Scaler Pattern**" and "**US Post Pattern**".
2. Verify "**FRC Pre Test Pattern**".
3. Verify "**FRC Post Test Pattern**".
4. Verify "**SoC TCON Test Pattern**".

■ SVC > Info > ER Count



- **WD Count**: Watch Dog (Hardware related issue).
- **AR Count**: Auto Reset (software (i.e. Apps) related.
  - **important Error Count** Status Screen.
- Verify each item listed.

■ Factory Mode > Control > EDID

1. Remove ALL **HDMI** connections.
2. Factory Mode → Control → **EDID**. (→ **Enter** Key)

3. Select EDID/OFF to ON. (→ **Right Arrow** Key)

4. Select EDID WRITE ALL. (→ **Enter** Key)

5. Wait to Success. (→ **Right Arrow** Key)

6. Confirm EDID WRITE ALL Success. (→ **Menu** Key)

4-4. Factory Mode Adjustments

4-4-1. Detail Factory Option

NOTE

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

■ UE43KU6642UXXH

Inches		43"
		AA01
PANEL	Vendor	AUO
	Code	BN95-02645D
	Spec.	CY-VK043HGAV4V/H
SMPS	Vendor	SOLUM
	Code	BN44-00875A
	Spec.	L40E6_KSM
MAIN	ASSY CHASSIS	BN96-40402A
	ASSY PCB MAIN	BN94-11054A

Byte	Item	
0	Factory Reset	-
1	Type	**43L6AU0RK**
2	Local set	EU
3	SW Model	UKU66A0
4	BOM Model	6642
5	Tuner	-
6	Ch table	NONE
7	Front Color	U-M-C-KU65

■ UE49KU6642UXXH

Inches		49"			
		FA01	FC02	FD03	FE04
PANEL	Vendor	SDC	SDC	SDC	SDC
	Code	BN95-02643D	BN95-02643H	BN95-02643D	BN95-02643H
	Spec.	CY-VK049HGLV4V	CY-VK049HGLV7V	CY-VK049HGLV4V	CY-VK049HGLV7V
SMPS	Vendor	HANSOE	HANSOE	SOLUM	SOLUM
	Code	BN44-00876A	BN44-00876A	BN44-00876C	BN44-00876C
	Spec.	L55E6_KHS	L55E6_KHS	L55E6_KSM	L55E6_KSM
MAIN	ASSY CHASSIS	BN91-17260D	BN91-17252M	BN91-17260D	BN91-17252M
	ASSY PCB MAIN	BN94-11055C	BN94-11055E	BN94-11055C	BN94-11055E
Byte	Item				
0	Factory Reset	-			
1	Type	49A6AU0RK	49A6AU1RK	49A6AU0RK	49A6AU1RK
2	Local set	EU			
3	SW Model	UKU66A0			
4	BOM Model	6642			
5	Tuner	-			
6	Ch table	NONE			
7	Front Color	U-M-C-KU65			

■ UE55KU6642UXXH

Inches		55"			
		AA01	AD02	FA03	FB04
PANEL	Vendor	AUO	AUO	SDC	SDC
	Code	BN95-02649B	BN95-02649B	BN95-02647F	BN95-02647F
	Spec.	CY-VK055HGAV2V	CY-VK055HGAV2V	CY-VK055HGLV6V	CY-VK055HGLV6V
SMPS	Vendor	HANSOE	SOLUM	HANSOE	SOLUM
	Code	BN44-00876A	BN44-00876C	BN44-00876A	BN44-00876C
	Spec.	L55E6_KHS	L55E6_KSM	L55E6_KHS	L55E6_KSM
MAIN	ASSY CHASSIS	BN91-17261E	BN91-17261E	BN91-18440F	BN91-18440F
	ASSY PCB MAIN	BN94-11057C	BN94-11057C	BN94-11407D	BN94-11407D
Byte	Item				
0	Factory Reset	-			
1	Type	55L6AU0RK	55L6AU0RK	55A6AU0RK	55A6AU0RK
2	Local set	EU			
3	SW Model	UKU66A0			
4	BOM Model	6642			
5	Tuner	-			
6	Ch table	NONE			
7	Front Color	U-M-C-KU65			

4-4-2. Factory Data

■ Option

Factory Menu Name		Data	Range
Factory Reset		-	
Type	43"	43L6AU0RK	
	49"	49A6AU0RK, 49A6AU1RK	
	55"	55L6AU0RK, 55A6AU0RK	
Local Set		EU	
SW Model		UKU66A0	
BOM Model		6640	
TUNER		-	
Ch Table		NONE	
MRT Option			

■ Control

Factory Menu Name	Data	Range
EDID		
EDID ON/OFF	OFF	
EDID WRITE ALL	…	
EDID WRITE HDMI	…	
EDID WRITE PC	…	
HDMI EDID Ver	…	
HDMI EDID Port	…	
Sub Option		
RS-232 Jack	UART	
EXT Link Support	ON	
Serial Log On/Off	OFF	
Watchdog	ON	
FRC Monitoring	OFF	
Checksum	0x0000	
Fast Boot In Production	ON	
USB Serial	OFF	
ECO IC TYPE	MC8121	
Info Link Server Type	development	
Info Link Country	None	
TTX Group	UserOSD	
Visual Test	Diable	

Factory Menu Name	Data	Range
OPTION_SWU		
RF Remocon Support	OFF	
CDD mode	…	
DPMS Support	OFF	
T-CON Device	JazzFT	
RM Server Type	Operating	
LMF LEAVE THRESHOLD	160	
LMF TRIM THRESHOLD	120	
LMF TERM THRESHOLD	80	
EOS Click	OFF	
BP PMS Reset	1	
FAnet Thread	2	
CI CPLD Version	1	
ACM_MC	ON	
UNIQUE TRIPLET	ON	
FS_FAV	OFF	
Private Range USE	ON	
SCSA Support	OFF	
OCM Reboot	ON	
SPI Protection		
FKP Server Type	Default	
OCM Support	ON	
Preloading Support	ON	
Multitasking Support	ON	
Browser preloading Support	FULL	
EXT IR Boot Support	OFF	
APP BOOTING SUPPORT	ON	
NagSam Support	OFF	
EWBS Support	OFF	
MVPD MBR Provider	COMCAST	
cloudscan Always Upload	OFF	
FirstScreen Cach Size	300	
Hotel Option		
Hospitality Mode	OFF	
Power On		
Menu OSD		
Operation		

Factory Menu Name	Data	Range
Music Mode		
External Source		
Eco Solution		
Cloning		
Shop Option		
Exhibition Mode	OFF	
Peak Mode	ON	
Metadata	ON	
Shopmode Picture Reset	ON	
Asia Option		
Unbalance	OFF	
AF Level adjust	0	
TX Power Level	0	
Mono Last Memory	OFF	
H Shaking	0	
SOUND		
High Devi	OFF	*If the broadcast signal is not good, TV will complement the characteristics of the signal (most use when weak signal comes from the growing area countries)
Carrier_Mute	ON	*If the noise comes from weakness-electromagnetic field, TV will be set Mute automatically(Only default on in North America)
Pilot Level High Thld	0x20h	* The High threshold value of stereo signal(If Pilot level is greather than High threshold value, recognize Stereo signal)
Pilot Level Low THLD	0x10h	* The Low threshold value of stereo signal(If Pilot level is less than Low threshold value, recognize Mono signal)
Carrier2 Amp High ThLD	9	
Carrier2 Amp Low THLD	6	
Amp Volume	0xc4h	
Amp Scale	0x3ch	
Amp EQ Check Sum	0x000057B5	
Subwoofer Support	3	
Woofer Type	0	
Woofer Volume	0xc7h	
Woofer Scale	0x3fh	
Woofer Check sum	0x0000A273	
PEQ Inx	76	
PEQ Test	Ready	
Speaker EQ	ON	

Factory Menu Name	Data	Range
Bottom Checksum	NONE	
Wall Filter Type	3	
SRS Tuning Parm	0	
SPDIF PCM Gain	-9	
AudioDock BT Delay	90	
3D_Glass BT delay	50	
Mic Scale	OFF	
India Sound	0	
Speaker Delay Normal	0	
NTV CU Delay	NORMAL	
Lipsync Inx	1	
Lipsync Checksum	0x4972	
Lipsync USB Test	Ready	
Lipsync BT Checksum	0x0000	
TP volume	0xc4h	
TP Scale	0x6ch	
TP EQ CheckSum	NONE	

■ Debug

Factory Menu Name	Data	Range
Spread Spectrum		
LVDS Spread	0	
DDR Spread	0	
Period	0	
Amplitude	0	
HD DDR SSC ON OFF	OFF	
HD DDR SSC Value	0	
FHD DDR SSC ON OFF	OFF	
FHD DDR SSC Value	4	
UHD DDR SSC ON OFF	ON	
UHD DDR SSC Value	0	
P eBus SSC ON/OFF	OFF	
P eBus Value	0	
LVDS SSC ON/OFF	OFF	
LVDS SSC Value	0	
AP Vx1 SSC ON/OFF	ON	
AP Vx1 Value	12	

Factory Menu Name	Data	Range
N Vx1 SSC ON/OFF	ON	
N Vx1 Value	0	
FRC Vx1 SSC ON/OFF	OFF	
FRC Vx1 SSC Period	0	
FRC Vx1 SSC Modulation	0	
FRC LVDS ON/OFF	ON	
FRC LVDS SSC MFR	3	
FRC LVDS SSC MRR	2	
FRC DDR SSC ON/OFF	ON	
FRC DDR SSC Period	1	
FRC DDR SSC Modulation	2	
ADV7619 Data strength	1	
ADV7619 Clock strength	1	
ADV7619 H_V_DE strength	1	
AP DDR SSC ON/OFF	OFF	
AP DDR SSC Value	0	
AP USIT SSC ON/OFF	ON	
AP USIT SSC Value	13	
OCM Vx1 SSC ON/OFF	OFF	
OCM Vx1 SSC Value	0	
TCON USIT SSC ON/OFF	BYPASS	
DDR Margin		
A CTRL_OFFSET_0_3	0	
A CTRL_OFFSET_D	0	
B CTRL_OFFSET_0_3	0	
B CTRL_OFFSET_D	0	
BT_ON_OFF	ON	
RF Mute Time	600ms	
Tuner Margin	3	European specifications
FRC		
FRC FDISPLAY ON/OFF	OFF	
3D FDISPLAY ON/OFF	OFF	
PC Mode ON/OFF	OFF	
FRC VX1 RX EQ SETTING	OFF	
FRC VX1 TX Pre_emphasis setting	0	
Netflix OSD Threshold	179	
TCON		

Factory Menu Name	Data	Range
TCON_TEMP READ	34	
TEMP LAST	6000	
DCC VERSION	0x0	
TCON Demura Bypass	OFF	
TCON FDisplay	OFF	
Panel Code 1		
Panel Code 2		
Panel Revision		
Panel Menu Week		
Panel S/N 1		
Panel S/N 2		
Panel S/N 3		
Panel S/N 4		
MPEG Margin	20	
H.264 Margin	15	
CAM Wait Time	15	
Voice Debug	OFF	
Power Management		
Cert Option	Waiting	
RM_BIST_DTV	0	
RM_BIST_ATV	0	
RM_BIST_CABLE	0	
SerDES Check		
SerDES Tuner	Failure	
HDMI SW	Failure	
HDMI Rx	Failure	
MP	Failure	
Main SerDES	Failure	
Jack SerDES	Failure	
Stress Mode	OFF	
Log Analyzer	ON	
Error Popup On/Off	OFF	
DeadLock KILL	OFF	
CES Option	OFF	
CES Convergence Option	OFF	
CES ATSC 3_0	OFF	
CES OOBE MVPD SUPPORT	OFF	

Factory Menu Name	Data	Range
BT DUT	OFF	
BT Throughput	Failure	
Reproduce Module	ON	
21_9		
L-DETECT STABLE TIME	7	
L-DETECT UNSTABLE TIME	3	
L-DETECT CAPTION THRESHOLD	720	
L-DETECT RAGION THRESHOLD	720	
L-DETECT B-LEVEL THRESHOLD	32	
L-DETECT USB SUPPORT	0	
DB Download		
MRT Option Dump	Failure	
Picture Data Dump	Failure	
VCONF Dump	Failure	
Read Eco Sensor Data	0	
No Signal Power OFF	ON	
Alert Option	ON	
Default HDMI1 Booting	OFF	

■ SVC

Factory Menu Name	Data	Range
Self Test(for HW)		* the Output of test pattern from each IC
Info		
Reset		
Apps Reset		
SVC Reset		
SPI Flash Reset		
Data Sync Reset		
Factory Data Reset		
OPTION_HDMI		
DVI/HDMI SOUND	Auto	
HDMI HOT PLUG	Disable	
HOTPLUG SWITCHING	Auto	
HOT PLUG DURATION	800ms	
CLK TERM DURATION	300ms	
HDMI FLT CNT SIG	0ms	
HDMI FLT CND SIG2		

Factory Menu Name	Data	Range
HDMI FLT CNT LOS	0ms	
UNSTABLE BAN CNT	1250ms	
HDMI ROBIN	0	
HDMI Callback	ON	
HDMI CTS Thld	0	
HDMI CTS Cnt1	0	
HDMI EQ	0	
HDMI Write Type	0	
HDMI Switch	0	
DVI SET TIME	0	
H Write	0	
HDMI Sync	0	
HDMI 3D DET	1	
HOT PLUG OFF HOLD TIME	600ms	
HDMI MUTE TIME	0ms	
HDMI NFST UNMUTE TIME	800ms	
HDMI FST UNMUTE TIME	0ms	
REPEA AUDIO PKT	OFF	
HDMI Stable Count	3	
HDMI HDCP EN	OFF	
HDMI HDCP EN FLAG	85	
POWER ON FLT CNT LOS		
HDCP UPDATE SPI	READY	
SPI VERSION	0	
HdmiRx EQ	0	
HDMI TMDS ERR DET	1	
DVB CI		
TS Clock delay TC	0	
TS Clock delay S	0	
CI Control Buf ON	ON	
TS Clock delay CPU	1	
TS Clock delay TC2	0	
TS Clock delay S2	0	
CI Control Buf ON2	1	
TS Clock delay CPU2	0	
Test Pattern		
Scaler Pattern	OFF	

Factory Menu Name	Data	Range
US Post Pattern	OFF	
FRC Pre Pattern	0	
FRC Post Pattern	0	
SOC TCON Pattern	0	
SOC TCON Pattern Level	255	
FRC OSD Pre Pattern	0	
FRC OSD Post Pattern	0	
FRC2 Pre Pattern	0	
FRC2 Post Pattern	0	
SOC TCON2 Pattern	0	
SOC TCON2 Pattern Level	255	
Upgrade		
T-CON DATA UPGRADE		
T-CON FW UPGRADE		
T-CON CheckSum		
T-CON2 Usb Download		
T-CON2 CheckSum		
PANEL EEPROM UPGRADE		
PANEL FLASH UPGRADE		
Logic Usb D/L		
SUBMICOM UPGRADE		* Upgrade Sub-Micom Program
SUBMICOM JP USB UPGRADE		
BT UPGRADE		* Upgarde BT(There is upgrade program in Main-Image)
BT FREEPAIRING		
Function Upgrade		
FRC3D FW UPGRADE		
FRC3D SRP UPGRADE		
FRC3D LD UPGRADE		
FRC2 3D FW UPGRADE		
Camera Upgade		* Upgarde Camera module(There is upgrade program in Main-Image)
Mic Upgrade		* Upgarde MIC in Camera module(There is upgrade program in Main-Image)
Jump UPGRADE		
IR Blaster Upgrade		
IR Blaster delay time		
NTV CU UPDATE		
UD LDC PROFILE UPGRADE		

Factory Menu Name	Data	Range
Pic Data USB Update		
Audio Data USB Update		
Eco Data USB Update		
CI CPLD Upgrade		
SC ADK Upgrade		
Other Setting		
Delete S/N		
IPERF	Stopped	
Expert		
CAL Data Backup	…	
CAL Data Restore		
MICOM POWER OFF	ON	
NTV CU FW VER	0	
ATV IF AGC SPEED	0	
Upgrade UHD OSD Test	0	
Main USB Path		
JackP USB Path		
Source Direct On/Off	OFF	
Apps Update		
Auto Power	LAST POWER	
SMCE Control		
Motor Test		
Cube Test		
V APP	OFF	
Picture Direct On/Off	OFF	
SVC Panel	ORIGINAL	
S/N		
Serial number		
Writing S/N		

■ ADC/WB

Factory Menu Name	Data	Range
ADC		
AV Calibaration		
Comp Calibration		
PC Calibration		
HDMI Calibration		

Factory Menu Name	Data	Range
ADC Result		
1st_Y_GH	0	
1st_Y_GL	0	
1st_Cb_BH	0	
1st_Cb_BL	0	
1st_Cr_RH	0	
1st_Cr_RL	0	
2nd_R_L	128	
2nd_G_L	128	
2nd_B_L	128	
2nd_R_H	69	
2nd_G_H	69	
2nd_B_H	69	
White Balance		
R-Offset	128	
G-Offset	128	
B-Offset	128	
R-Gain	128	
G-Gain	128	
B-Gain	128	
WB-W2_R_Offset	128	
WB_W2_B_Offset	128	
WB_W2_R_Gain	136	
WB_W2_B_Gain	76	
WB_N_R_Offset	128	
WB_N_B_Offset	128	
WB_N_R_Gain	131	
WB_N_B_Gain	119	
MGA		
MGA On/Off	OFF	
R1_Gain		
G1_Gain		
B1_Gain		
R2_Gain		
G2_Gain		
B2_Gain		
R3_Gain		

Factory Menu Name	Data	Range
G3_Gain		
B3_Gain		
R4_Gain		
G4_Gain		
B4_Gain		
R5_Gain		
G5_Gain		
B5_Gain		
R6_Gain		
G6_Gain		
B6_Gain		
R7_Gain		
G7_Gain		
B7_Gain		
R8_Gain		
G8_Gain		
B8_Gain		
R9_Gain		
G9_Gain		
B9_Gain		
R10_Gain		
G10_Gain		
B10_Gain		
SPI White Balance		
SPI White Balance On/Off		
SPI R-Offset		
SPI G-Offset		
SPI B-Offset		
SPI R-Gain		
SPI G-Gain		
SPI B-Gain		
SPI N Rgain		
SPI N Bgain		
SPI N Roffset		
SPI N Boffset		
SPI W2 Rgain		
SPI W2 Bgain		

Factory Menu Name	Data	Range
SPI W2 Roffset		
SPI W2 Boffset		
SPI MGA		
WB Data to SPI		

■ Advanced

4-5. AV Control Tabe

Control Item				Cmd1	Cmd2	Cmd3	Value
General	**Power**	Power		0x00	0x00	0x00	0x00
		Off					0x01
		On					0x02
	Volume	Direct		0x01	0x00	0x00	(0~100)
		Up				0x01	0x00
		Down				0x02	0x00
	Mute			0x02	0x00	0x00	0x00
	Ch.	Direct		0x04	-		
		Continuous	Up	0x03	0x00	0x01	0x00
			Down			0x02	0x00
Input	**Source List**	TV	TV	0x0a	0x00	0x00	0x00
		AV	AV1			0x01	0x00
			AV2				0x01
			AV3				0x02
		S-Video	S-Video1			0x02	0x00
			S-Video2				0x01
			S-Video3				0x02
		Component	Component1			0x03	0x00
			Component2				0x01
			Component3				0x02
		PC	PC1			0x04	0x00
			PC2				0x01
			PC3				0x02
		HDMI	HDMI1			0x05	0x00
			HDMI2				0x01
			HDMI3				0x02
			HDMI4				0x03
		DVI	DVI1			0x06	0x00
			DVI2				0x01
			DVI3				0x02
		RVU	RVU			0x07	0x00
PICTURE	**Mode**	Dynamic(Entertain)		0x0b	0x00	0x00	0x00
		Standard					0x01
		Movie					0x02
		Natural					0x03
		CAL-NIGHT					0x04
		CAL-DAY					0x05
		BD Wise					0x06
		Relax					0x07

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	**BackLight(CellLight)**		0~20		0x01	0x00	(0~20)
	Contrast		0~100		0x02	0x00	(0~100)
	Brightness		0~100		0x03	0x00	(0~100)
	Sharpness		0~100		0x04	0x00	(0~100)
	Color		0~10		0x05	0x00	(0~100)
	Tint	G/R			0x06	0x00	(0~100)
	Advanced Settings	Black Tone	Off		0x07	0x00	0x00
			Dark				0x01
			Darker				0x02
			Darkest				0x03
		Dynamic Contrast	Off			0x01	0x00
			Low				0x01
			Medium				0x02
			HIgh				0x03
		Gamma	-3 ~ 3			0x03	(-3~3)
		RGB Only Mode	Off			0x05	0x00
			Red				0x01
			Green				0x02
			Blue				0x03
		Color Space	Auto			0x06	0x00
			Native				0x01
			Custom				0x02
		White Balance	R-Offset(LCD)			0x07	(-50~50)
		White Balance	G-Offset(LCD)			0x08	(-50~50)
		White Balance	B-Offset(LCD)			0x09	(-50~50)
		White Balance	R-Gain(LCD)			0x0a	(-50~50)
		White Balance	G-Gain(LCD)			0x0b	(-50~50)
		White Balance	B-Gain(LCD)			0x0c	(-50~50)
		White Balance	Reset(LCD)			0x0d	0x00
		Flesh Tone	-15 ~ 15			0x0e	(-15~15)
		xvYCC	Off			0x10	0x00
			On				0x01
		Motion Lighting	Off			0x11	0x00
			On				0x01
		Color Space Custom Color	Red			0x12	0x00
			Green				0x01
			Blue				0x02
			Yellow				0x03

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	**Advanced Settings**	Color Space Custom Color	Cyan				0x04
			Magenta				0x05
		Color Space Custom Color Red Value	0~100			0x13	0~100
		Color Space Custom Color Green Value	0~100			0x14	0~100
		Color Space Custom Color Blue Value	0~100			0x15	0~100
		Reset				0x16	0x00
		LED Motion Plus	Off		0x0a	0x07	0x00
			On(Normal)				0x01
			Cinema				0x02
			Ticker				0x03
		10p White Balance	Off		0x0e	0x00	0
			On			0x00	1
			Red		0x0f	(1~10)	(-50~50)
			Green		0x10	(1~10)	(-50~50)
			Blue		0x11	(1~10)	(-50~50)
			Reset		0x12	0	(1~10)
			10 Point		0x13	0x00	0x00
			Interval		0x14	0x00	0x00
	Picture Option	Color Tone	Cool		0x0a	0x00	0x00
			Standard				0x01
			Warm1				0x02
			Warm2				0x03
		Digital Noise Filter	Off			0x02	0x00
			Low				0x01
			Medium				0x02
			High				0x03
			Auto				0x04
			Auto Visualization				0x05
		MPEG Noise Filter	Off			0x03	0x00
			Low				0x01
			Medium				0x02
			High				0x03
			Auto				0x04
		HDMI Black Level	Normal			0x04	0x00
		HDMI Black Level	Low				0x01
		Film Mode	Off			0x05	0x00

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	**Picture Option**	Film Mode	Auto1				0x01
			Auto2				0x02
			Cinema Smooth				0x03
		Auto Motion Plus	Off			0x06	0x00
			Clear				0x01
			Standard				0x02
			Smooth				0x03
			Custom				0x04
		Blur Reduction				0x07	value
		Judder Reduction				0x08	value
		LED Clear Motion				0x09	Off
		Reset				0x10	0x00
		HDMI UHD Color	Off			0x11	0x00
			On				0x01
		Analog Clean View	On			0x12	0x00
			Off				0x01
	Screen Adjustment	Picture Size	16:9	0x0c	0x0a	0x01	0x00
			Zoom1				0x01
			Zoom2				0x02
			Wide Fit				0x03
			4:3				0x04
			Screen Fit				0x05
			Smart View I				0x06
			Smart View II				0x07
			Auto Wide				0x08
			Wide Zoom				0x09
			Zoom				0x0a
		Fit to Screen	Off		0x0b	0x00	0x00
		Zoom	Zoom1		0x0c	0x00	0x00
			Zoom2				0x01
			Zoom3				0x02
			Zoom4				0x03
		Position	Position1			0x01	0x00
			Position2				0x01
			Position3				0x02
			Position4				0x03
	Screen Adjustment	Reset			0x0d	0x00	0x00
	Reset Picture	Reset Picture		0x0d	0x0b	0x00	0x00

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	**3D**	3D Mode	Off	0x0e	0x0c	0x00	0x00
			2D->3D				0x01
			Side By Side				0x02
			Top Bottom				0x03
			Line By Line				0x04
			Vertical Line				0x05
			Checker BD				0x06
			Frame Sequence				0x07
		3D->2D	Off			0x01	0x00
			On				0x01
		3D View Point				0x02	(-5~5)
		Depth				0x03	(1~10)
		3D Auto View	Off			0x05	0x00
			Message Notice				0x01
			On				0x02
			Auto1				0x03
			Auto2				0x04
		3D Light Control	Low			0x06	0x00
			High				0x01
		L/R Change	L to R			0x07	0x00
			R to L				0x01
		3D Perspective				0x08	value
		Optimize				0x09	value
	Factory-SVB	Expert-N/D Adj	On	0x0b	0x0d	0x00	0x00
			Off				0x01
			Fix				0x02
	Apply Picture Mode	All Sources		0x0f	0x00	0x00	0x00
		Current Source					0x01
	Pip	Pip	Off	0x11	0x00	0x00	0x00
			On				0x01
		Antenna	Cable			0x01	0x00
			Air				0x01
		Channel	DTV Cable			0x02	0x00
			DTV Terrestrial				0x01
		Size	Size1			0x03	0x00
			Size2				0x01

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	**Pip**	Size	Size3				0x02
			Size4				0x03
		Position	Position1			0x04	0x00
			Position2				0x01
			Position3				0x02
			Position4				0x03
		Sound Select	Main			0x05	0x00
			Sub				0x01
	Picture Off			0x12	0x00	0x00	0x00
Sound	**Sound Mode**	Standard		0x0c	0x00	0x00	0x00
		Music					0x01
		Movie					0x02
		Clear Voice					0x03
		Amplify					0x04
	Equalizer	Balance			0x01	0x00	(0~20)
		100hz				0x01	(0~20)
		300hz				0x02	(0~20)
		1khz				0x03	(0~20)
		3khz				0x04	(0~20)
		10khz				0x05	(0~20)
		Reset				0x06	0x00
	SRS TruSurround HD	Off			0x02	0x00	0x00
	Virtual Surrond	On					0x01
	SRS TruDialog	Off			0x03	0x00	0x00
	Dialog Clarify	On					0x01
	Preferred Language	English			0x04	0x00	0x00
		Spanish					0x01
		French					0x02
		Korean					0x03
		Japanese					0x04
	Multi-Track Sound	Mono			0x05	0x00	0x00
		Stereo					0x01
		SAP					0x02
	Auto Volume	Off			0x06	0x00	0x00
	Auto Volume	Normal					0x01
		Night					0x02
	Speaker Select	TV Speaker			0x07	0x00	0x00
		External Speaker					0x01

Control Item				Cmd1	Cmd2	Cmd3	Value
Sound	**Speaker Select**	Audio Out					0x01
	Sound Select	Main			0x08	0x00	0x00
		Sub					0x01
	Sound Reset	Sound Reset			0x09	0x00	0x00
	3D Audio	Off			0x0a	0x00	0x00
		Low					0x01
		Medium					0x02
		High					0x03
	Auto Stereo	Manual			0x0b	0x00	0x00
		Auto					0x01
	TV Installation Type	Stand			0x0c	0x00	0x00
		Wallmount					0x01
	Audio Delay	Dealy Value (0~250)			0x0d	0x00	0~250 (0x00~0xFA)
	SRS CS Headphone	Off			0x0e	0x00	0x00
	Balance				0x0f	0x00	0x00
	Add New Device	On			0x10	0x00	0x00
		Off					0x01
	Audo Multi-Output	Off			0x11	0x00	0x00
	Multiroom Link Settings	Multiroom			0x12	0x00	0x00
	HDMI Audio Input Format	Bitstream			0x13	0x00	0x00
		PCM					0x01
	Audio Format	PCM			0x14	0x00	0x00
		Dolby Digital					0x01
		DTS					0x02
		DTS Neo 2:5					0x03
		AAC/HEAAC					0x04
	Dolby Digital Comp	RF			0x15	0x00	0x01
	HD Audio	Off			0x16	0x00	0x00
		On					0x01
KEY	**Key Generation**			0x0d	0x00	0x00	*Refer for Table
OSD	**Show/Hide Control**	Show		0x0e	0x00	0x00	0x00
		Hide					0x01
Get Status	**Power (On/Off)**			0xf0	0x00	0x00	0x00
Get Status	**Volume(0~100)**			0xf0	0x01	0x00	0x00
	Mute (On/Off)			0xf0	0x02	0x00	0x00
	Channel Number			0xf0	0x03	0x00	0x00

Control Item		Cmd1	Cmd2	Cmd3	Value
Get Status	**Source (TV/AV/…/HDMI/…)**	0xf0	0x04	0x00	0x00
	Picture Size	0xf0	0x05	0x00	0x00
	3D (On/Off)	0xf0	0x06	0x00	0x00
	Picture Mode	0xf0	0x07	0x00	0x00
	Sound Mode	0xf0	0x08	0x00	0x00

* Refer for Table

KEY	Value
Up	96 (0x60)
Down	97 (0x61)
Left	101 (0x65)
Right	98 (0x62)
Menu	26 (0x1A)
Enter(OK)	104 (0x68)
EXIT	45 (0x2D)

4-6. Updating the TV’s Software

View your TV's software version and update it if necessary.

- **Settings** ⟶ **Support** ⟶ **Software Update**

■ Updating the TV’s software to the latest version

- **Settings** ⟶ **Support** ⟶ **Software Update** ⟶ **Update now**

You can update your TV’s software by downloading the update from the Internet directly to your TV or copying the update from a USB device that contains it to your TV.

- Updating from the Internet requires an active Internet connection.
- To update using a USB flash drive, download the update package from Samsung.com to your computer. Then, save the update package in the USB device's top-level folder. Otherwise, the TV will not be able to locate the update package.

CAUTION

DO NOT turn off the TV’s power until the update is complete. The TV will turn off and on automatically after completing the software update. All video and audio settings return to their default settings after a software update.

■ Updating the TV automatically

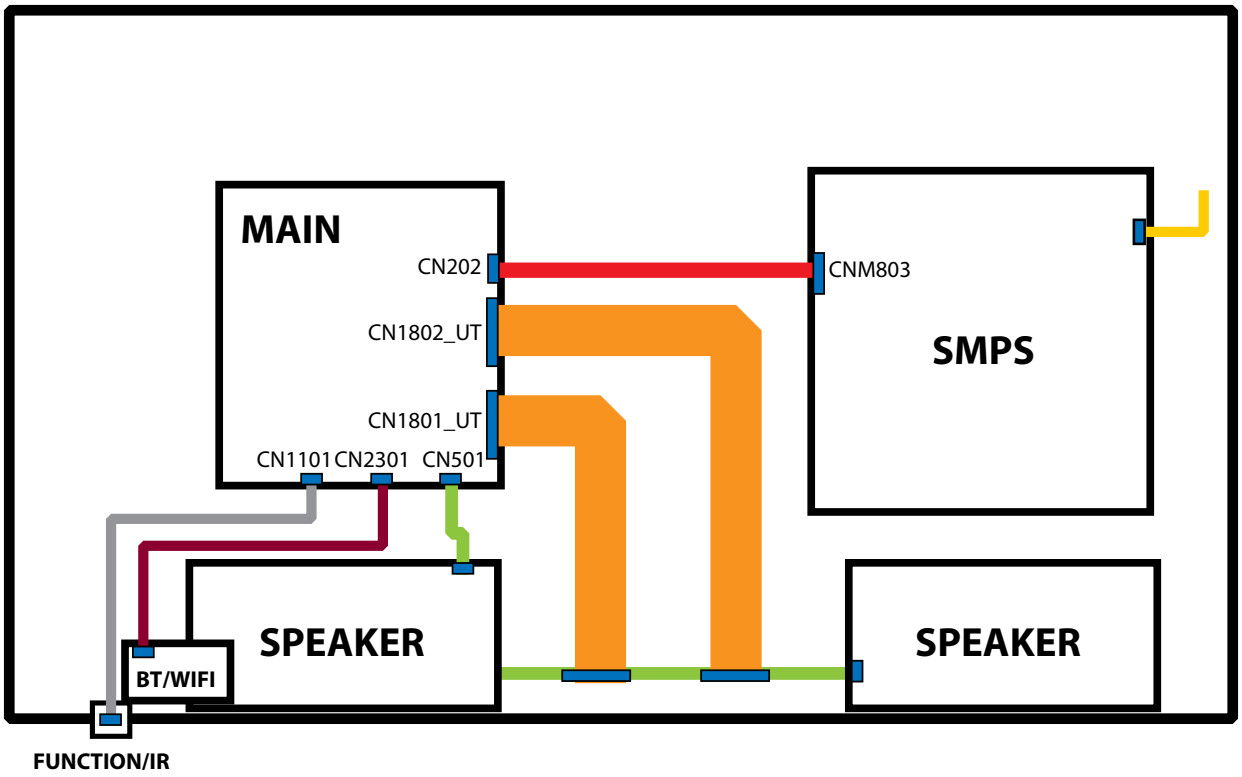
- **Settings** ⟶ **Support** ⟶ **Software Update** ⟶ **Auto Update**

If the TV is connected to the Internet, you can have the TV's software update itself automatically while you are watching the TV. When the background update is completed, it is applied the next time the TV is turned on.

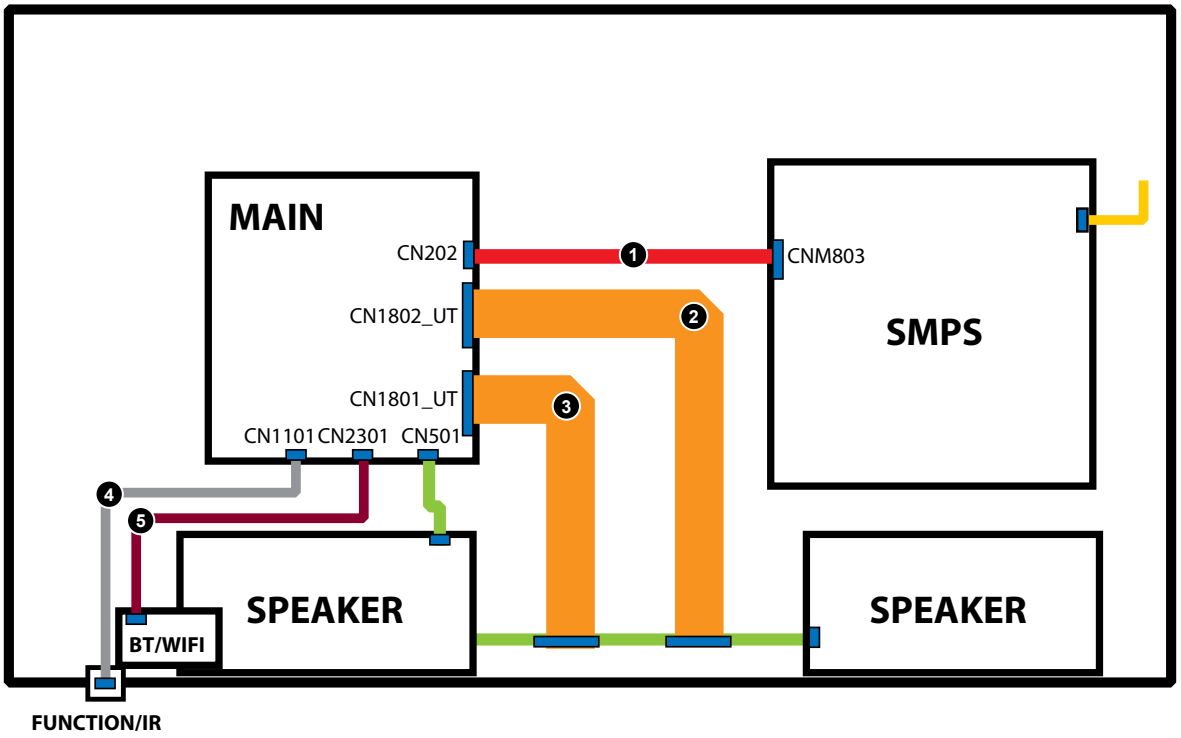
- This function may take a longer time if another network function is running concurrently.
- This function requires an Internet connection.
- If you agree to the Smart Hub terms and conditions, **Auto Update** is set to **On** automatically. If you do not want the TV's software to update itself automatically, set **Auto Update** to **Off**.

5. Wiring Diagram

5-1. Wiring Diagram



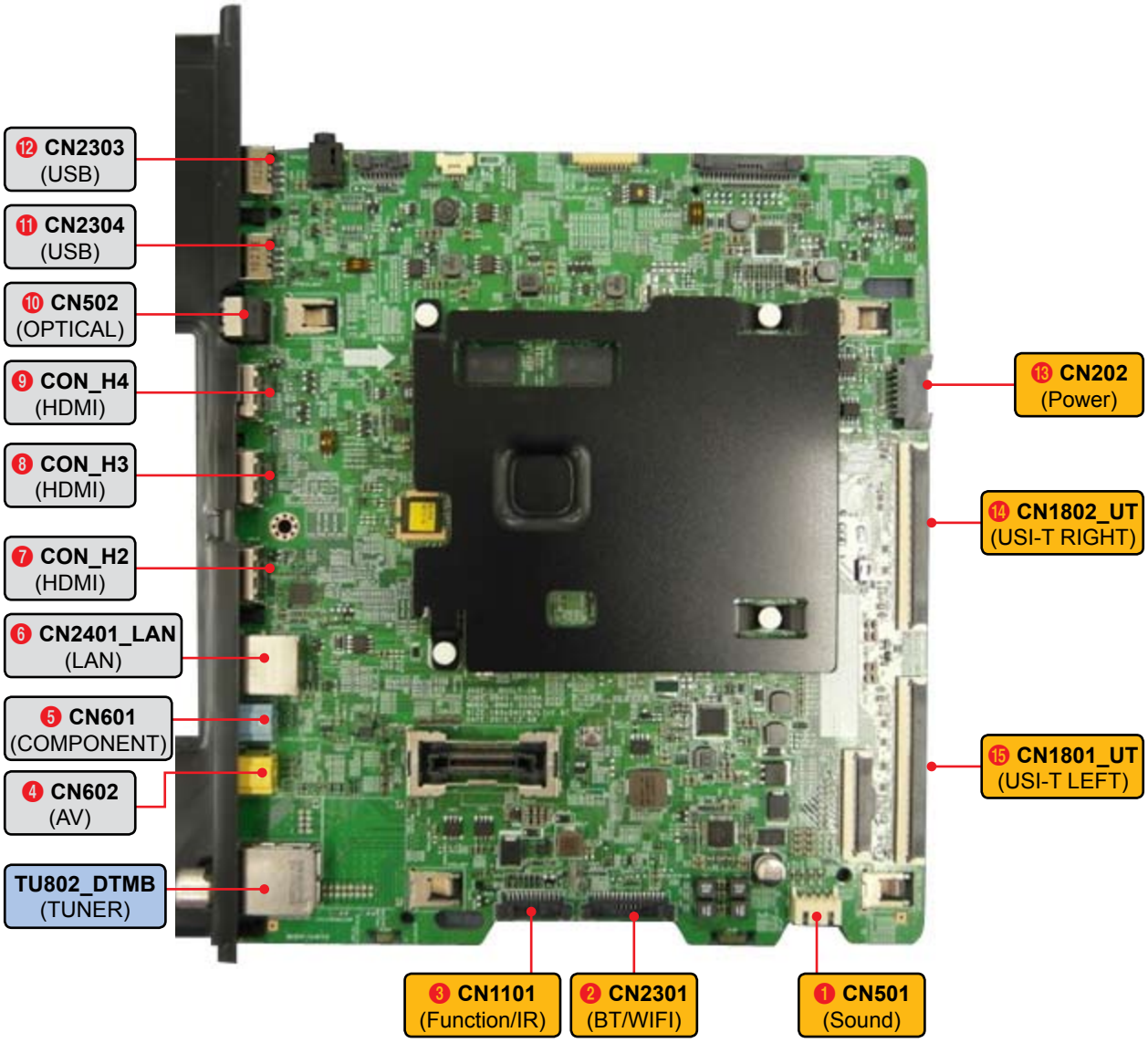
■ Cables



Item			Part Code
❶	**LEAD CONNECTOR-POWER**	SMPS - MAIN (12P)	43" : BN39-02217A 49" : BN39-02217C 55" : BN39-02217C
❷	**FFC CABLE**	MAIN - PANEL (96P)	43" : BN96-39904B 49" : BN96-39820E 55" : BN96-39904A
❸	**FFC CABLE**	MAIN - PANEL (96P)	43" : BN96-39821C 49" : BN96-39821C 55" : BN96-39822E
❹	**LEAD CONNECTOR-SUB ASSY**	MAIN - FUNCTION (12P)	43" : BN39-02231D 49" : BN39-02231D 55" : BN39-02231C
❺	**LEAD CONNECTOR-SUB ASSY**	MAIN - BT/WIFI (16P)	43" : BN39-02219E 49" : BN39-02219D 55" : BN39-02219D

5-2. Connector

■ Main Board



■ Main Board Pin Map

1 CN501 (SOUND)			
1	OUT_C	3	OUT_D
2	OUT_A	4	OUT_B

2 CN2301 (BT/WIFI)			
1	BT_NRESET	9	WIFI_PHY_ON
2	BT_MODULE_WAKE	10	GND
3	BT_WAKE	11	WIFI_D+_USB
4	GND	12	WIFI_D-_USB
5	BT_D-_USB	13	GND
6	BT_D+_USB	14	A5V_PW
7	GND	15	WIFI_WOL
8	BT_WELCOME	16	WIFI_NRESET

3 CN1101 (FUNCTION/IR)			
1	IR	7	KEY_INPUT2
2	GND	8	LED_STB_OUT
3	A3.3V_PW	9	NC
4	AMP_SCL_I2C	10	NC
5	AMP_SDA_I2C	11	NC
6	KEY_INPUT1	12	NC

4 CN602 (AV)			
1	GND	5	TEST_SR
2	AV1_CVBS_IN	6	TEST_SL
3	COMP_AV1_SR_IN	7	COMP_AV1_SL_IN
4	IDENT_VIDEO	8	

5 CN601 (COMPONENT)			
1	GND	5	TEST_PR
2	COMP_PB	6	GND
3	COMP_PR	7	GND
4	IDENT_COMP		

6 CN2401_LAN (LAN)			
1	LAN_TXD+_LAN	5	GND
2	GND	6	LAN_RXD-_LAN
3	LAN_TXD-_LAN	7	NC
4	LAN_RXD+_LAN	8	GND

7 CON_H2 (HDMI)			
1	HDMI2_RX2+_HDMI	11	GND
2	GND	12	HDMI2_RXC-_HDMI
3	HDMI2_RX2-_HDMI	13	CEC
4	HDMI2_RX1+_HDMI	14	GND
5	GND	15	HDMI2_SCL_DDC_ BUFFER
6	HDMI2_RX1-_HDMI	16	HDMI2_SDA_DDC_ BUFFER
7	HDMI2_RX0+_HDMI	17	GND
8	GND	18	HDMI2_IDENT
9	HDMI2_RX0-_HDMI	19	HDMI2_HPD
10	HDMI2_RXC+_HDMI	20	

8 CON_H3 (HDMI)			
1	HDMI3_RX2+_HDMI	11	GND
2	GND	12	HDMI3_RXC-_HDMI
3	HDMI3_RX2-_HDMI	13	CEC
4	HDMI3_RX1+_HDMI	14	GND
5	GND	15	HDMI3_SCL_DDC_ BUFFER
6	HDMI3_RX1-_HDMI	16	HDMI3_SDA_DDC_ BUFFER
7	HDMI3_RX0+_HDMI	17	GND
8	GND	18	HDMI3_IDENT
9	HDMI3_RX0-_HDMI	19	HDMI3_HPD
10	HDMI3_RXC+_HDMI	20	

9 CON_H4 (HDMI)			
1	HDMI4_RX2+_HDMI	11	GND
2	GND	12	HDMI4_RXC-_HDMI
3	HDMI4_RX2-_HDMI	13	CEC
4	HDMI4_RX1+_HDMI	14	GND
5	GND	15	HDMI4_SCL_DDC_ BUFFER
6	HDMI4_RX1-_HDMI	16	HDMI4_SDA_DDC_ BUFFER
7	HDMI4_RX0+_HDMI	17	GND
8	GND	18	HDMI4_IDENT
9	HDMI4_RX0-_HDMI	19	HDMI4_HPD
10	HDMI4_RXC+_HDMI	20	

10 CN502 (OPTICAL)			
1	SPDIF_OUT	3	GND
2	B5V_PW		

11 CN2304 (USB)			
1	B5V_USB1_PW	3	JACK_D+_USB1
2	JACK_D-_USB1	4	GND

12 CN2303 (USB)			
1	B5V_USB2_PW	3	JACK_D+_USB2
2	JACK_D-_USB2	4	GND

13 CN202 (POWER)			
1	GND	7	A13V_PW
2	GND	8	PWM_DIMMING_OUT1
3	A13V_PW	9	A13V_PW
4	GND	10	OVD_ON_OFF
5	A13V_PW	11	SMPS_FET_FAIL_DEFECT
6	SW_Power	12	ANA_DIMMING

14 CN1802_UT (USI-T RIGHT)							
1	FB_TRDY_E	2	GND	3	AVDD_17V_PW	4	AVDD_17V_PW
5	AVDD_17V_PW	6	AVDD_17V_PW	7	U_H_CELL	8	U_L_CELL
9	HAVDD_8.5V_PW	10	L_H_CELL	11	L_L_CELL	12	VCCB_1.8V_PW
13	VCCA_1.9V_PW	14	PI_DSF_MONITOR	15	PORTNUM	16	GND
17	-	18	-	19	-	20	GND
21	SFC1	22	GND	23	JM_USIT_TX_CH8_A+	24	JM_USIT_TX_CH8_A-
25	GND	26	JM_USIT_TX_CH8_B+	27	JM_USIT_TX_CH8_B-	28	GND
29	JM_USIT_TX_CH9_A+	30	JM_USIT_TX_CH9_A-	31	GND	32	JM_USIT_TX_CH9_B+
33	JM_USIT_TX_CH9_B-	34	GND	35	JM_USIT_TX_CH10_A+	36	JM_USIT_TX_CH10_A-
37	GND	38	JM_USIT_TX_CH10_B+	39	JM_USIT_TX_CH10_B-	40	GND
41	JM_USIT_TX_CH11_A+	42	JM_USIT_TX_CH11_A-	43	GND	44	JM_USIT_TX_CH11_B+
45	JM_USIT_TX_CH11_B-	46	GND	47	JM_USIT_TX_CH12_A+	48	JM_USIT_TX_CH12_A-
49	GND	50	JM_USIT_TX_CH12_B+	51	JM_USIT_TX_CH12_B-	52	GND
53	JM_USIT_TX_CH13_A+	54	JM_USIT_TX_CH13_A-	55	GND	56	JM_USIT_TX_CH13_B+
57	JM_USIT_TX_CH13_B-	58	GND	59	JM_USIT_TX_CH14_A+	60	JM_USIT_TX_CH13_A-
61	GND	62	JM_USIT_TX_CH13_B+	63	JM_USIT_TX_CH14_B-	64	GND
65	JM_USIT_TX_CH15_A+	66	JM_USIT_TX_CH13_A-	67	GND	68	JM_USIT_TX_CH13_B+
69	JM_USIT_TX_CH15_B-	70	GND	71	SFC2	72	GND
73	-	74	ASG_MON_R_MB4	75	STVP_MB4	76	CKVB4_MB4
77	CKVB3_MB4	78	CKVB2_MB4	79	CKVB1_MB4	80	CKV4_MB4
81	CKV3_MB4	82	CKV2_MB4	83	CKV1_MB4	84	-
85	VOFF_-11V_PW	86	VSS_-7.5V_PW	87	-	88	VCOM3_CELL
89	FB_VCOM3_CELL	90	VCOM2_CELL	91	VCOM1_CELL	92	FB_VCOM4_CELL
93	PANEL_3.3V_PW	94	PANEL_3.3V_PW	95	FB_TRDY_3	96	GND

15 CN1801_UT (USI-T LEFT)							
1	FB_TRDY_1	2	GND	3	PANEL_3.3V_PW	4	PANEL_3.3V_PW
5	FB_VCOM1_2CELL	6	VCOM1_CELL	7	VCOM2_CELL	8	VCOM3_CELL
9	VSS_-7.5V_PW	10	VOFF_-11V_PW	11	-	12	CKV1_MB4
13	CKV2_MB4	14	CKV3_MB4	15	CKV4_MB4	16	CKVB1_MB4
17	CKVB2_MB4	18	CKVB3_MB4	19	CKVB4_MB4	20	STVP_MB4
21	ASG_MON_L_MB4	22	-	23	GND	24	GND
25	DEMURA_SSPHOLD_SPI	26	DEMURA_SSPWP_SPI	27	DEMURA_SSPRXD_SPI	28	DEMURA_SSPTXD_SPI
29	DEMURA_SSPFRM_SPI	30	DEMURA_SSPCLK_SPI	31	GND	32	JM_USIT_TX_CH0_A+
33	JM_USIT_TX_CH0_A-	34	GND	35	JM_USIT_TX_CH0_B+	36	JM_USIT_TX_CH0_B-
37	GND	38	JM_USIT_TX_CH1_A+	39	JM_USIT_TX_CH1_A-	40	GND
41	JM_USIT_TX_CH1_B+	42	JM_USIT_TX_CH1_B-	43	GND	44	JM_USIT_TX_CH2_A+
45	JM_USIT_TX_CH2_A-	46	GND	47	JM_USIT_TX_CH2_B+	48	JM_USIT_TX_CH2_B-
49	GND	50	JM_USIT_TX_CH3_A+	51	JM_USIT_TX_CH3_A-	52	GND
53	JM_USIT_TX_CH3_B+	54	JM_USIT_TX_CH3_B-	55	GND	56	JM_USIT_TX_CH4_A+
57	JM_USIT_TX_CH4_A-	58	GND	59	JM_USIT_TX_CH4_B+	60	JM_USIT_TX_CH4_B-
61	GND	62	JM_USIT_TX_CH5_A+	63	JM_USIT_TX_CH5_A-	64	GND
65	JM_USIT_TX_CH5_B+	66	JM_USIT_TX_CH5_B-	67	GND	68	JM_USIT_TX_CH6_A+
69	JM_USIT_TX_CH6_A-	70	GND	71	JM_USIT_TX_CH6_B+	72	JM_USIT_TX_CH6_B-
73	GND	74	JM_USIT_TX_CH7_A+	75	JM_USIT_TX_CH7_A-	76	GND
77	JM_USIT_TX_CH7_B+	78	JM_USIT_TX_CH7_B-	79	GND	80	SFC1
81	GND	82	PI_DSF_MONITOR	83	PORTNUM	84	VCCA_1.9V_PW
85	VCCB_1.8V_PW	86	L_L_CELL	87	L_H_CELL	88	HAVDD_8.5V_PW
89	U_L_CELL	90	U_H_CELL	91	AVDD_17V_PW	92	AVDD_17V_PW
93	AVDD_17V_PW	94	AVDD_17V_PW	95	-	96	FB_TRDY_2