



UHD TV

Chassis : UKU6300G

Model : UE40KU6172U

UE49KU6172U

UE55KU6172U

UE65KU6172U

SERVICE Manual

UHD TV



UE**KU6172U

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1. Precautions
2. Product specifications
3. Disassembly and Reassembly
4. Troubleshooting
5. Wiring Diagram

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3. Disassembly and Reassembly

3-1. Disassembly and Reassembly


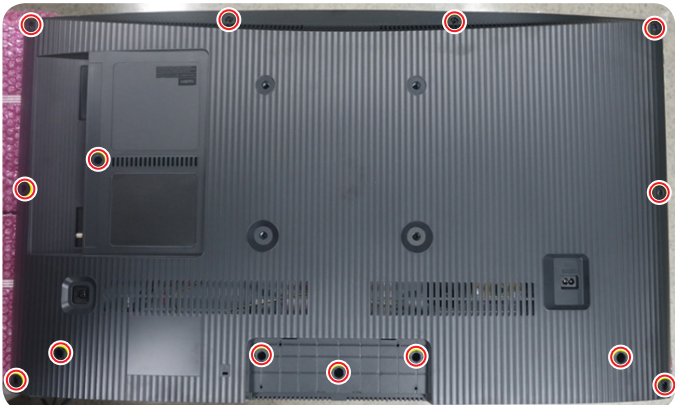
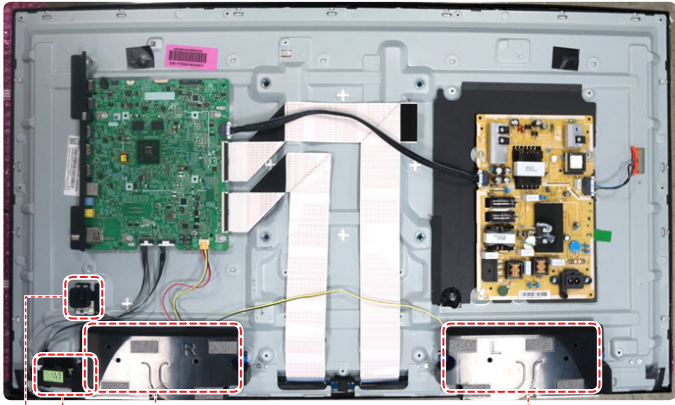

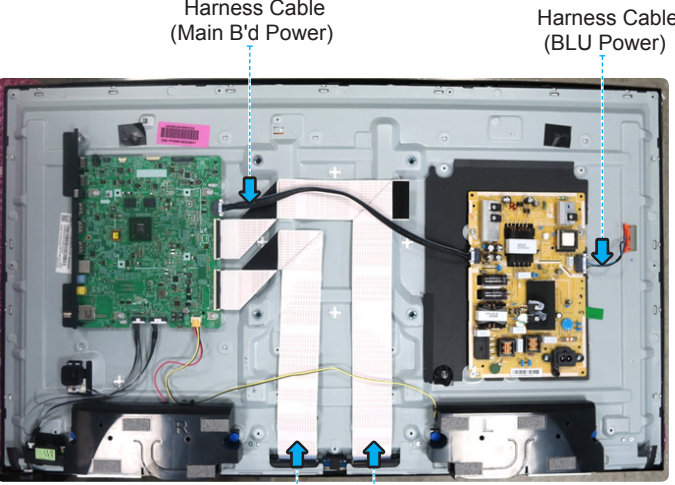
3-1-1. 40KU6179



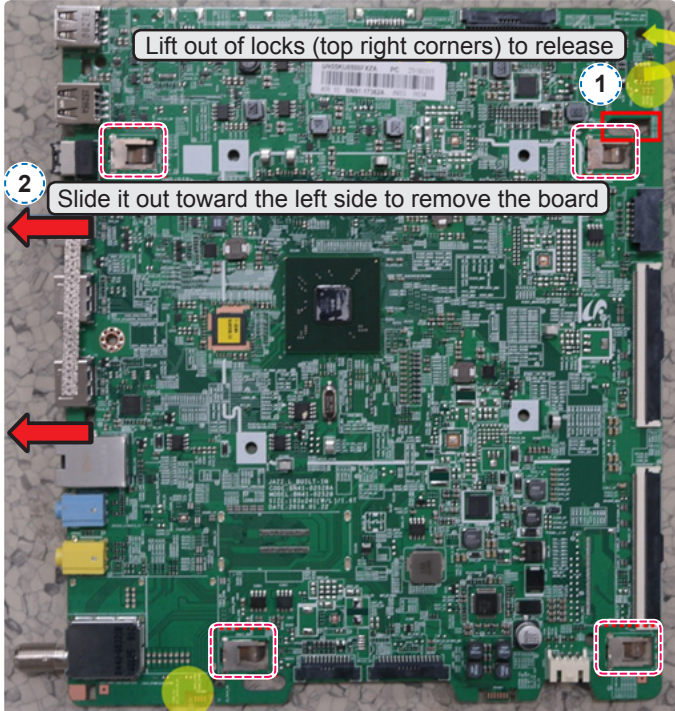


1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.
 - Recommend Torque : 22.0 ~ 26.5lbf
 - A strength of Torque can be changed depending on the situation.


Description	Picture Description
<p>1 Carefully place the TV on the Curved Cushion (or any material that will prevent damage to the screen) so that the screen is facing downwards.</p>	
<p>2 Remove 4 Screws on the TV Stand Guide, and then remove the Stand in the order marked as ①~②.</p> <p>Screws</p> <p> BN61-09494D (M4,L14) x 4EA TORQUE : 22.0 ~ 26.5lbf</p>	

3. Disassembly and Reassemble

Description	Picture Description
<p>3 Remove the screws for the Rear Cover. Then carefully remove it.</p> <p>Screws</p> <p>6001-002755 (M3,L6) x 14 EA</p> <p>- C/R+PANEL: 13EA - C/R+MAIN: 1EA</p> <p>TORQUE : 22.0 ~ 26.5lbf</p> 	
<p>4 Remove the Speakers and Speaker Cable. Also Remove the BT/Wifi module, Function module and Cable of each module.</p>	 <p>BT/Wifi module</p> <p>Function module</p> <p>Speaker</p> 
<p>5 Remove the Harness Cable (Main B'd Power), (BLU Power) and the FFC Cable (Main-Source B'd).</p>	 <p>Harness Cable (Main B'd Power)</p> <p>Harness Cable (BLU Power)</p> <p>FFC Cable (Main-Source B'd)</p>

Description	Picture Description
<p>6 Remove 5 Screws on SMPS Board, and then remove the board. (Power Cables were already removed.)</p> <p>Screws</p> <p> 6001-003016 5EA TORQUE : 22.0 ~ 26.5lbf</p>	 <p>A photograph of a yellow SMPS (Switching Mode Power Supply) board. Five screws are circled in red, indicating the locations for removal. The board is populated with various electronic components including capacitors, inductors, and integrated circuits.</p>
<p>7 Removing Main board.</p> <ul style="list-style-type: none">• Gently lift the top right corner of the board out to release the lock.• Use both hands to hold the board and slide to the left to release it. <p>! CAUTION</p> <p>When installing the Main board, verify the board is properly positioned in all 4 mounting slots.</p>	 <p>A photograph of a green main board. Four locking mechanisms are highlighted with red dashed boxes and numbered 1 through 4. Red arrows indicate the removal direction. Text overlays provide instructions: 'Lift out of locks (top right corners) to release' and 'Slide it out toward the left side to remove the board'.</p>

3. Disassembly and Reassemble

Description	Picture Description
* Panel - Rear Side	



CAUTION

1. Always remember to disconnect the Power Cord before assembling or disassembling the LED TV.
2. Always take precautions and follow the steps properly. Remember to take a picture before disassembling if possible.
3. Recommended screwdriver torque : 22.0 ~ 26.5lbf
 - The torque may need to be adjusted accordingly.





NOTE

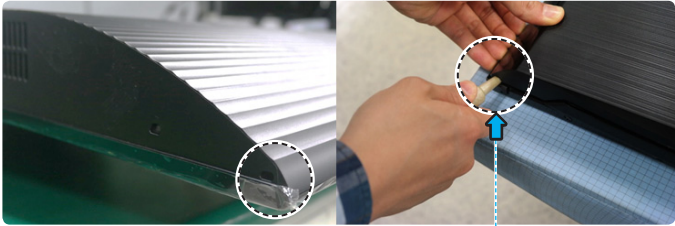

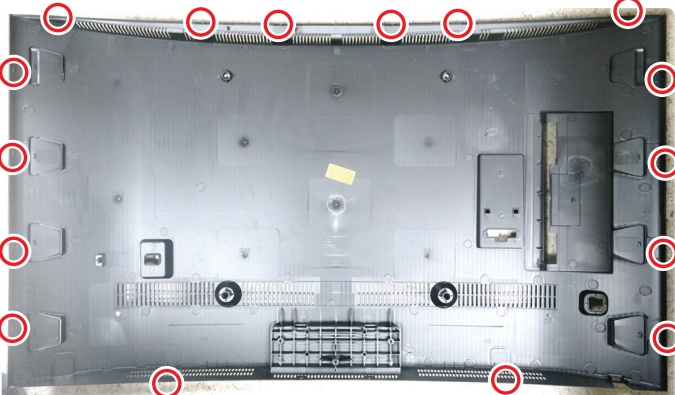
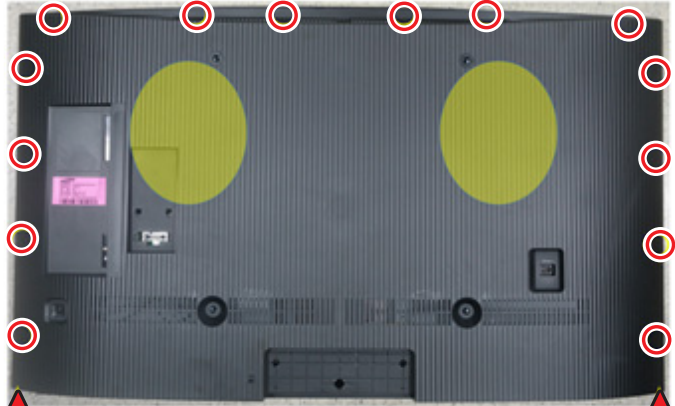
Reassembly procedures are in the reverse order of disassembly procedures.

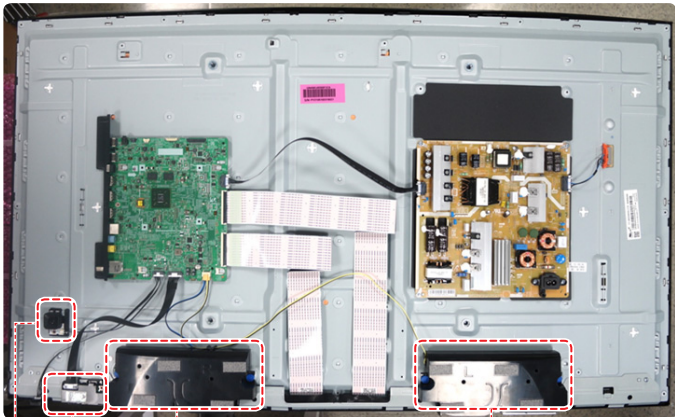
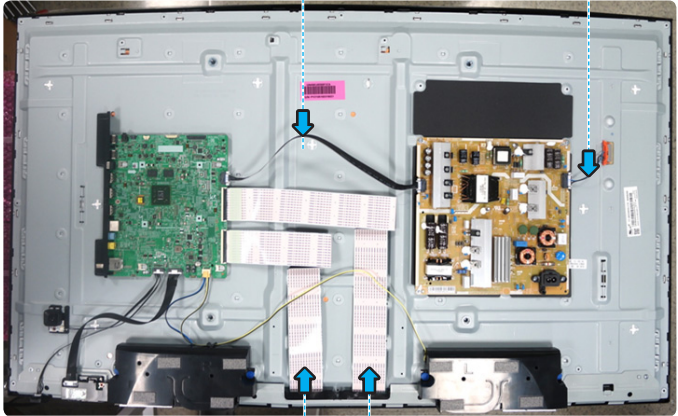
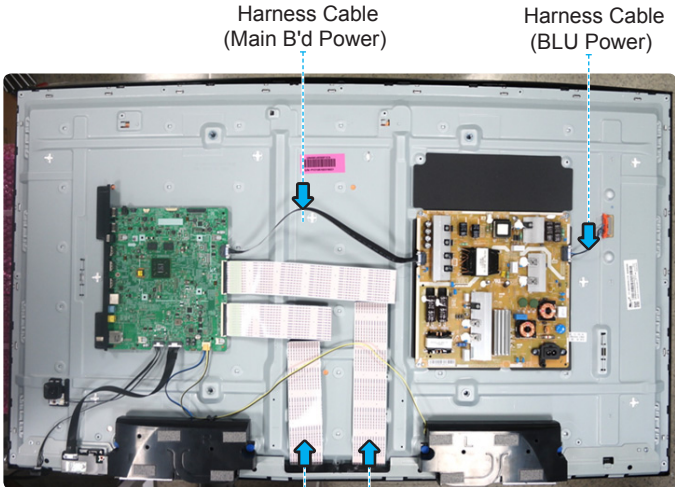
3-1-2. 49KU6179


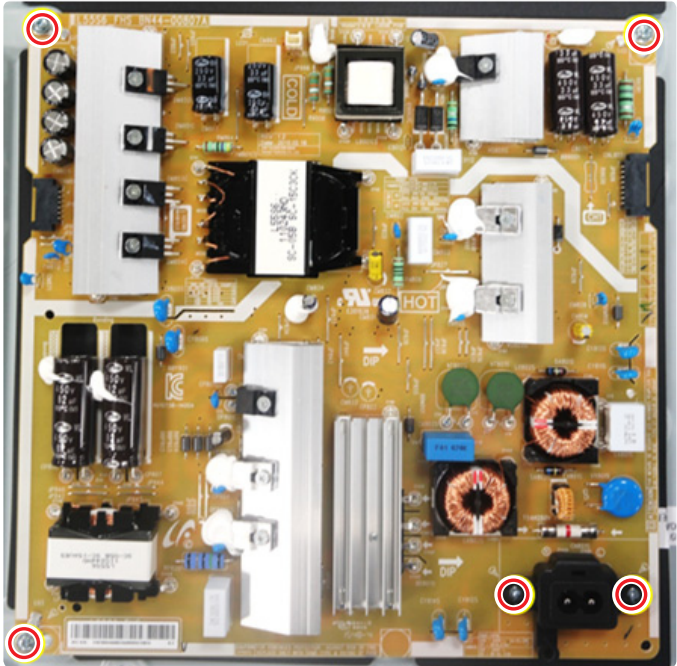

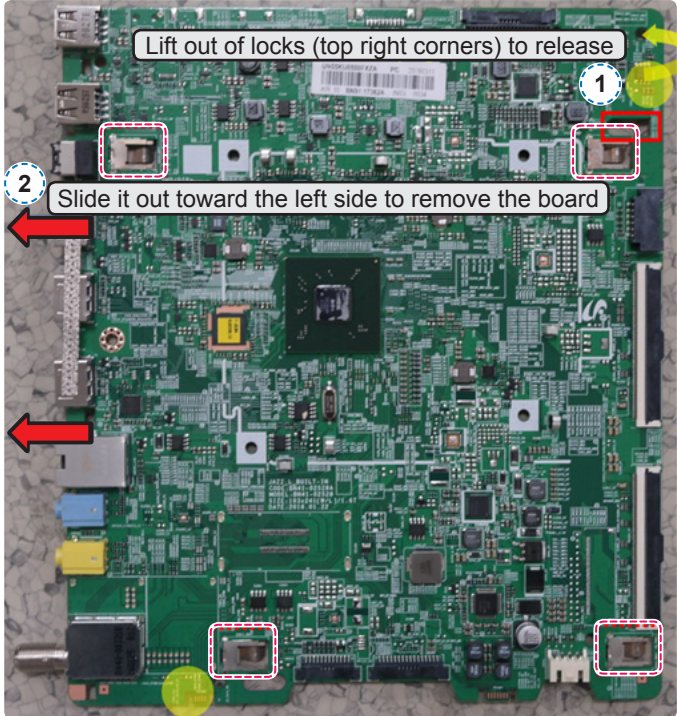



1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.
 - Recommend Torque : 22.0 ~ 26.5lbf
 - A strength of Torque can be changed depending on the situation.

Description	Picture Description
<div>1</div> <div>Carefully place the TV on the Curved Cushion (or any material that will prevent damage to the screen) so that the screen is facing downwards.</div>	
<div>2</div> <div>Remove 4 Screws on the TV Stand Guide, and then remove the Stand in the order marked as ①~②.</div> <div><div>Screws</div><div>BN61-09494D (M4,L14) x 4EA TORQUE : 22.0 ~ 26.5lbf</div></div>	
<div>3</div> <div>Remove the 3 screws on the bottom center of the Rear Cover.</div> <div><div>Screws</div><div>6001-002755 (M3,L6) x 3EA TORQUE : 22.0 ~ 26.5lbf</div></div>	

Description	Picture Description
<p>4 Insert the Samsung Service Jig at the indicated positions (Holes) to release bottom corners of the rear cover.</p>	<p>Example</p>  <p>BN81-12884A (SVC-JIG)</p> 
<p>5 After pushing on coloured points of the rear cover (in weight less than 10kg) and inserting a Samsung service jig at holes of Rear cover's bottom corners, lift up the rear cover from bottom corners using the service jig to release the hooks along both sides of the rear cover.</p> <p>Then, holding both sides of the rear cover by hand and releasing the rest hooks on the upper side of the rear cover, remove it.</p> <p>All hooks' locations are indicated by Yellow Circles in the picture. (Side:8 points / Top:6 points)</p> <div data-bbox="253 1155 708 1350"><p>! CAUTION</p><p>When you remove the rear cover, hooks on the upper side of the Chassis Front can be released. you should check it before reassembling.</p></div>	  <p>Jig</p> <p>Jig</p>

Description	Picture Description
<div data-bbox="183 286 215 336">6</div> <div data-bbox="252 286 718 371">Remove the Speakers and Speaker Cable. Also Remove the BT/Wifi module, Function module and Cable of each module.</div>	<div data-bbox="746 291 1423 705"></div> <div data-bbox="774 734 1348 824"><div data-bbox="774 757 922 779">BT/Wifi module</div><div data-bbox="1268 734 1348 757">Speaker</div><div data-bbox="774 795 957 817">Function module</div></div> <div data-bbox="746 828 1423 981"></div>
<div data-bbox="183 1005 215 1055">7</div> <div data-bbox="252 1005 694 1090">Remove the Harness Cable (Main B'd Power), (BLU Power) and the FFC Cable (Main-Source B'd).</div>	<div data-bbox="746 1005 1423 1489"></div> <div data-bbox="965 1005 1412 1601"><div data-bbox="965 1005 1133 1055">Harness Cable (Main B'd Power)</div><div data-bbox="1268 1005 1412 1055">Harness Cable (BLU Power)</div><div data-bbox="997 1556 1173 1601">FFC Cable (Main-Source B'd)</div></div>



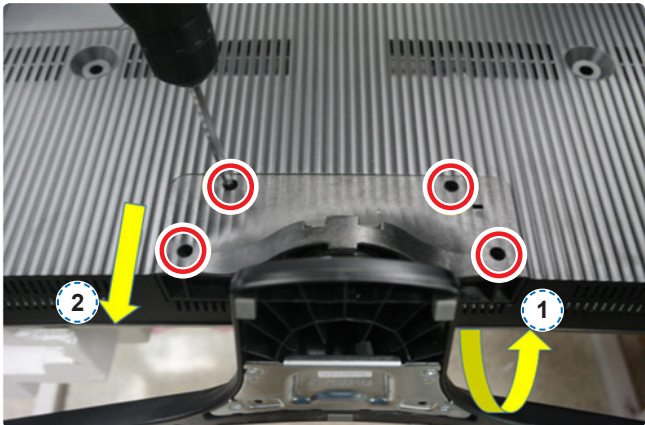

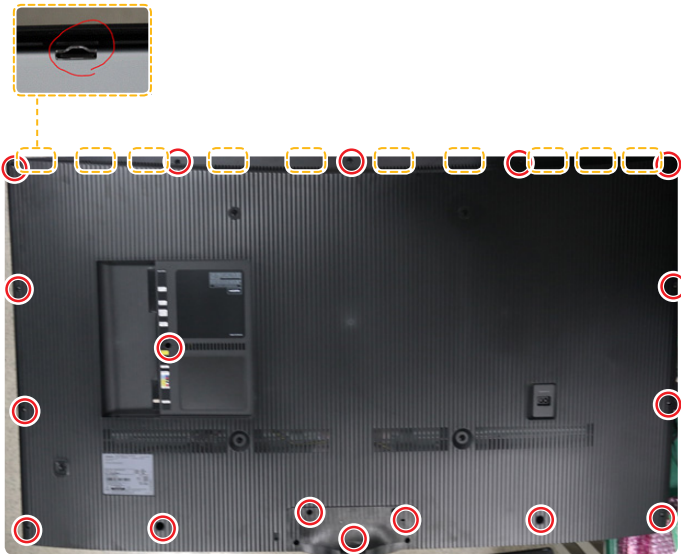
Description	Picture Description
<div data-bbox="183 286 215 336">8</div> <div data-bbox="252 286 686 376">Remove 5 Screws on SMPS Board, and then remove the board. (Power Cables were already removed.)</div> <div data-bbox="261 392 349 418">Screws</div> <div data-bbox="261 443 323 510"></div> <div data-bbox="359 443 606 510">6001-003016 5EA TORQUE : 22.0 ~ 26.5lbf</div>	 <p>A photograph of a yellow SMPS (Switching Mode Power Supply) board. Five screws are circled in red, indicating the locations for removal. The board features various electronic components including capacitors, inductors, and integrated circuits.</p>
<div data-bbox="183 967 215 1016">9</div> <div data-bbox="252 967 699 1124">Removing Main board.<ul style="list-style-type: none">Gently lift the top right corner of the board out to release the lock.Use both hands to hold the board and slide to the left to release it.</div> <div data-bbox="261 1146 437 1196"> CAUTION</div> <div data-bbox="261 1214 679 1303">When installing the Main board, verify the board is properly positioned in all 4 mounting slots</div>	 <p>A photograph of a green main board. Four red dashed boxes labeled 1 and 2 indicate the locking mechanism. Red arrows show the removal direction. Text overlays provide instructions: 'Lift out of locks (top right corners) to release' and 'Slide it out toward the left side to remove the board'.</p>

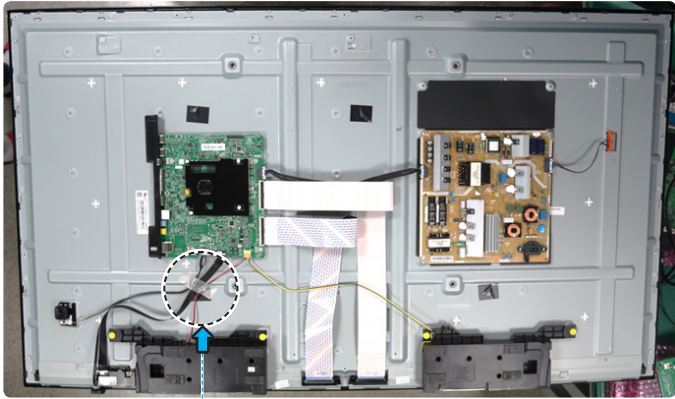
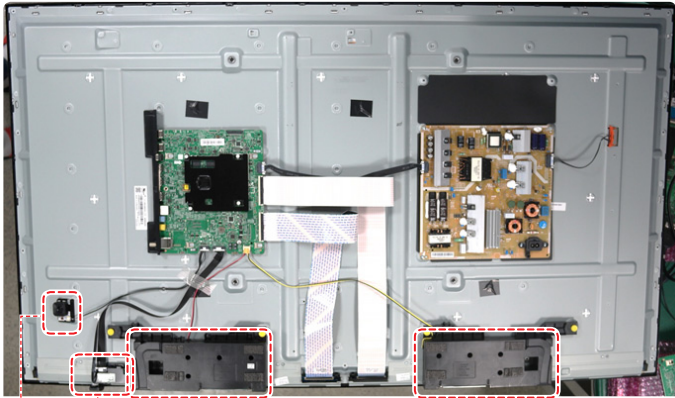



Description	Picture Description
<p>* Panel - Rear Side</p>	 A photograph showing the rear side of a rectangular panel assembly. The assembly is light grey or silver in color and features a central black rectangular area, likely a display or sensor. The panel is populated with numerous small, circular components, possibly screws or mounting points, arranged in a grid-like pattern. A pink label is visible near the top center. The edges of the panel show various connectors and mounting tabs.

3-1-3. 55KU6179

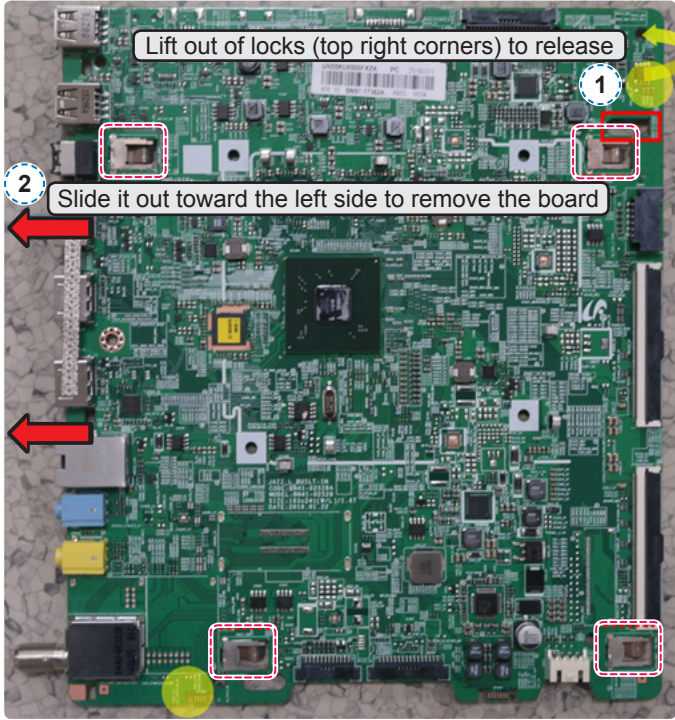



1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.
 - Recommend Torque : 22.0 ~ 26.5lbf
 - A strength of Torque can be changed depending on the situation.

Description	Picture Description
<p>1 Carefully place the TV on the Curved Cushion (or any material that will prevent damage to the screen) so that the screen is facing downwards.</p>	
<p>2 Remove 4 Screws on the TV Stand Guide, and then remove the Stand in the order marked as ① ~ ②.</p> <p>Screws</p> <p> BN61-09494D (M4,L14) x 4EA TORQUE : 22.0 ~ 26.5lbf</p>	
<p>3 Remove the screws for the Rear Cover. Then carefully remove it.</p> <p>Screws</p> <p> 6001-002755 (M3,L6) x 17EA C/R+PANEL: 16EA C/R+MAIN: 1EA TORQUE : 22.0 ~ 26.5lbf</p> <p>! CAUTION</p> <p>When opening the cabinet, hooks at the upper side of Front Chassis can be released easily! If it is released after removing the rear cover, you should hook it to the bottom chassis before closing.</p>	

Description	Picture Description
<p>4 Remove the Filament tape shown on the image.</p> <div data-bbox="252 353 708 546"><p>! CAUTION</p><p>When assembling the TV, the filament tape must be applied on the same location. Please remember where the tape was first applied.</p></div>	 <p>Filament tape</p>
<p>5 Remove the Speakers and Speaker Cable. Also Remove the BT/Wifi module, Function module and Cable of each module.</p>	 <p>BT/Wifi module</p> <p>Function module</p> <p>Speaker</p> <div data-bbox="746 1339 1425 1491"></div>

Description	Picture Description
<div data-bbox="183 286 215 336">6</div> <div data-bbox="252 286 695 371">remove the Harness Cable (Main B'd Power), (BLU Power) and the FFC Cable (Main-Source B'd).</div>	<div data-bbox="1058 286 1225 336">Harness Cable (Main B'd Power)</div> <div data-bbox="1259 286 1404 336">Harness Cable (BLU Power)</div> <div data-bbox="1005 835 1179 884">FFC Cable (Main-Source B'd)</div> <div data-bbox="746 365 1423 754"></div>
<div data-bbox="183 907 215 956">7</div> <div data-bbox="252 907 686 992">Remove 5 Screws on SMPS Board, and then remove the board. (Power Cables were already removed.)</div> <div data-bbox="263 1012 349 1037">Screws</div> <div data-bbox="263 1070 323 1131"></div> <div data-bbox="362 1070 604 1126">6001-003016 5EA TORQUE : 22.0 ~ 26.5lbf</div>	<div data-bbox="746 907 1423 1572"></div>

Description	Picture Description
<div>8</div> <div>Removing Main board.</div> <div><div><div></div><div>CAUTION</div></div><div>When installing the Main board, verify the board is properly positioned in all 4 mounting slots</div></div> <div><div><div><div></div><div>1</div></div><div>Lift out of locks (top right corners) to release</div></div><div><div><div></div><div>2</div></div><div>Slide it out toward the left side to remove the board</div></div></div>	 <p>The image shows the main board of the LED TV with four locking mechanisms highlighted by red dashed boxes. Arrows indicate the removal steps: lifting the top-right corners (labeled 1) and sliding the board out to the left (labeled 2).</p>
<div>* Panel</div> <div>- Rear Side</div>	 <p>The image shows the rear side of the LED TV panel, which is a silver-colored metal frame with various mounting points and a central black rectangular area.</p>



1.

Always remember to disconnect the Power Cord before assembling or disassembling the LED TV.
2.

Always take precautions and follow the steps properly. Remember to take a picture before disassembling if possible.
3.

Recommended screwdriver torque : 22.0 ~ 26.5lbf

-

The torque may need to be adjusted accordingly.







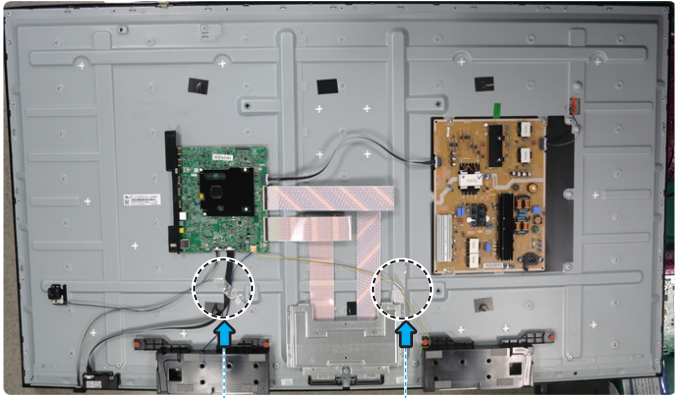
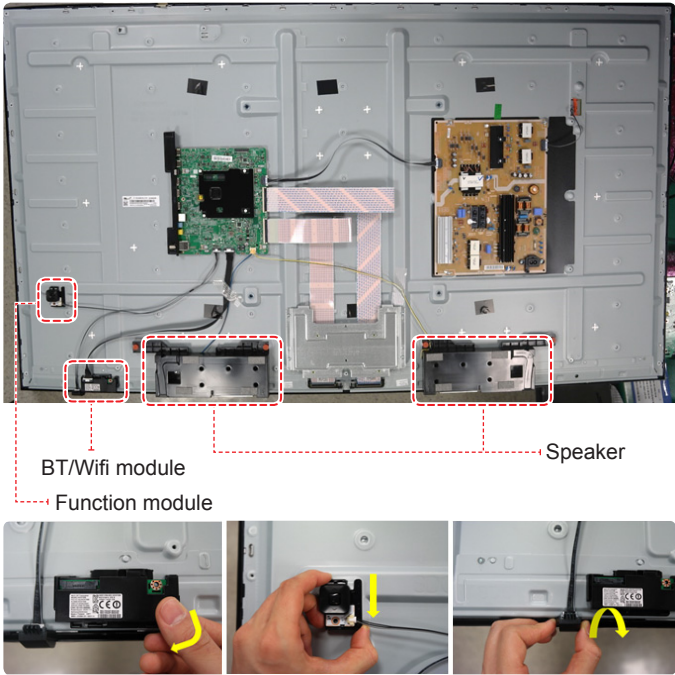
Reassembly procedures are in the reverse order of disassembly procedures.

3-1-4. 65KU6179

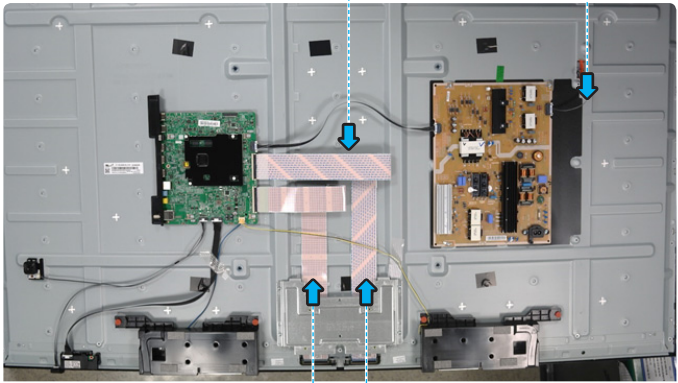

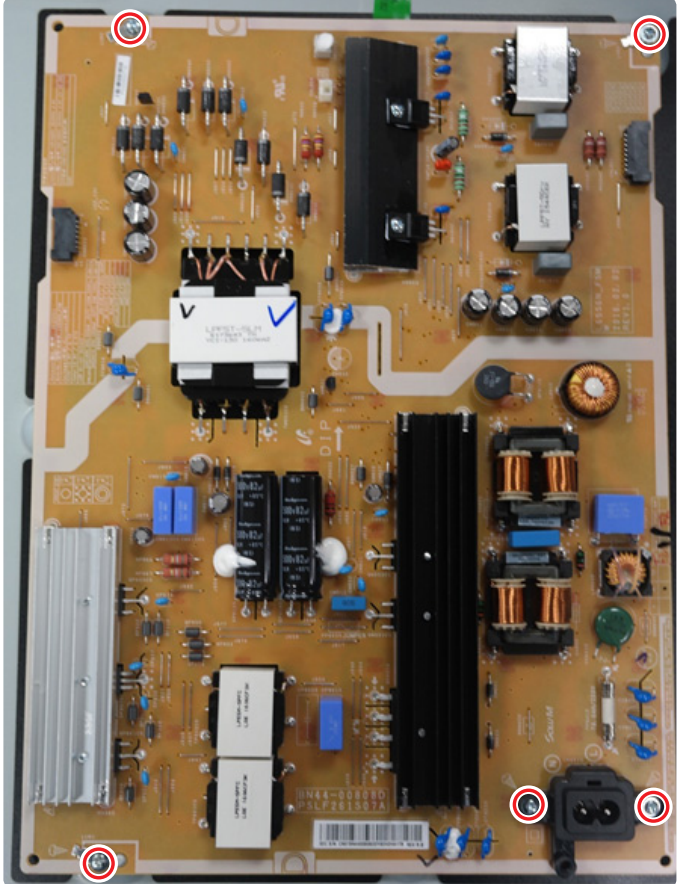


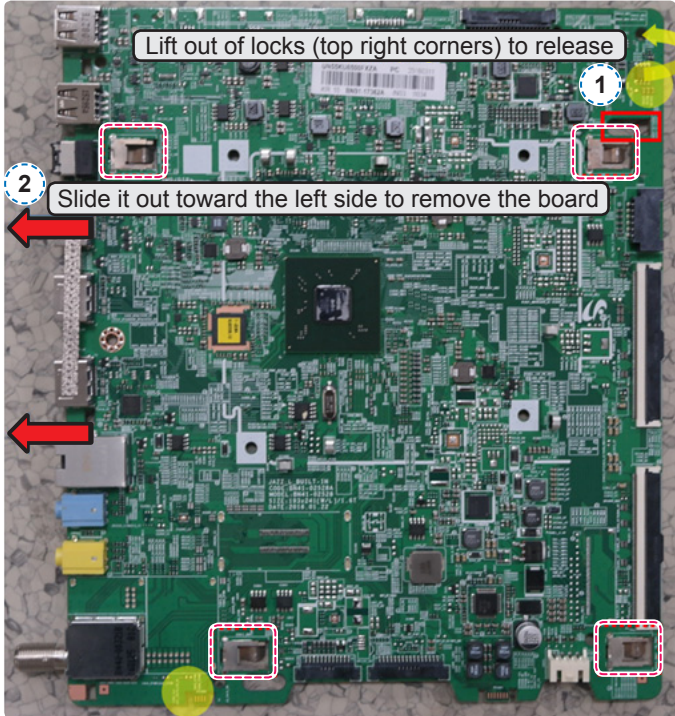

1. Disconnect the LED TV from the power source before disassembly.
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 - Recommend Torque : 22.0 ~ 26.5lbf
 - A strength of Torque can be changed depending on the situation.

Description	Picture Description
<p>1 Carefully place the TV on the Curved Cushion (or any material that will prevent damage to the screen) so that the screen is facing downwards.</p>	
<p>2 Remove 4 Screws on the TV Stand Guide, and then remove the Stand in the order marked as ①~②.</p> <p>Screws</p> <p> BN61-09494D (M4,L14) x 4EA TORQUE : 22.0 ~ 26.5lbf</p>	
<p>3 Remove the screws for the Rear Cover. Then carefully remove it.</p> <p>Screws</p> <p> 6001-002755 (M3,L6) x 21EA C/R+PANEL: 20EA C/R+MAIN: 1EA TORQUE : 22.0 ~ 26.5lbf</p> <p> 6003-000003 (M4,L10) x 1EA C/R+SMPS: 1EA TORQUE : 22.0 ~ 26.5lbf</p>	

Description	Picture Description
<p>4 Remove the Filament tape shown on the image.</p> <div data-bbox="252 353 708 546"><p>! CAUTION</p><p>When assembling the TV, the filament tape must be applied on the same location. Please remember where the tape was first applied.</p></div>	 <p>Filament tape Filament tape</p>
<p>5 Remove 4 Screws on the Bracket (Stand Link), and then remove it.</p>	
<p>6 Remove the Speakers and Speaker Cable. Also Remove the BT/Wifi module, Function module and Cable of each module.</p>	 <p>BT/Wifi module Speaker</p> <p>Function module</p>

3. Disassembly and Reassemble

Description	Picture Description
<p>7 remove the Harness Cable (Main B'd Power), (BLU Power) and the FFC Cable (Main-Source B'd).</p>	 <p>Diagram showing the back of the monitor with three cables being removed, indicated by blue arrows and labels:</p> <ul style="list-style-type: none">Harness Cable (Main B'd Power)Harness Cable (BLU Power)FFC Cable (Main-Source B'd)
<p>8 Remove 5 Screws on SMPS Board, and then remove the board. (Power Cables were already removed.)</p> <p>Screws</p> <p> 6001-003016 5EA TORQUE : 22.0 ~ 26.5lbf</p>	 <p>Close-up of the SMPS board showing 5 screws circled in red, indicating the locations for removal.</p>

Description	Picture Description
<p>9 Removing Main board.</p> <ul style="list-style-type: none"> Gently lift the top right corner of the board out to release the lock. Use both hands to hold the board and slide to the left to release it. <div data-bbox="255 459 699 622"> <p>! CAUTION</p> <p>When installing the Main board, verify the board is properly positioned in all 4 mounting slots</p> </div>	 <p>The diagram shows the main board with four locking mechanisms highlighted by red dashed boxes. Arrows and numbers indicate the removal steps: 1. Lift out of locks (top right corners) to release. 2. Slide it out toward the left side to remove the board.</p>
<p>* Panel - Rear Side</p>	 <p>The image shows the rear side of the panel, which is a silver-colored metal frame with a central cutout and various mounting points.</p>

**CAUTION**

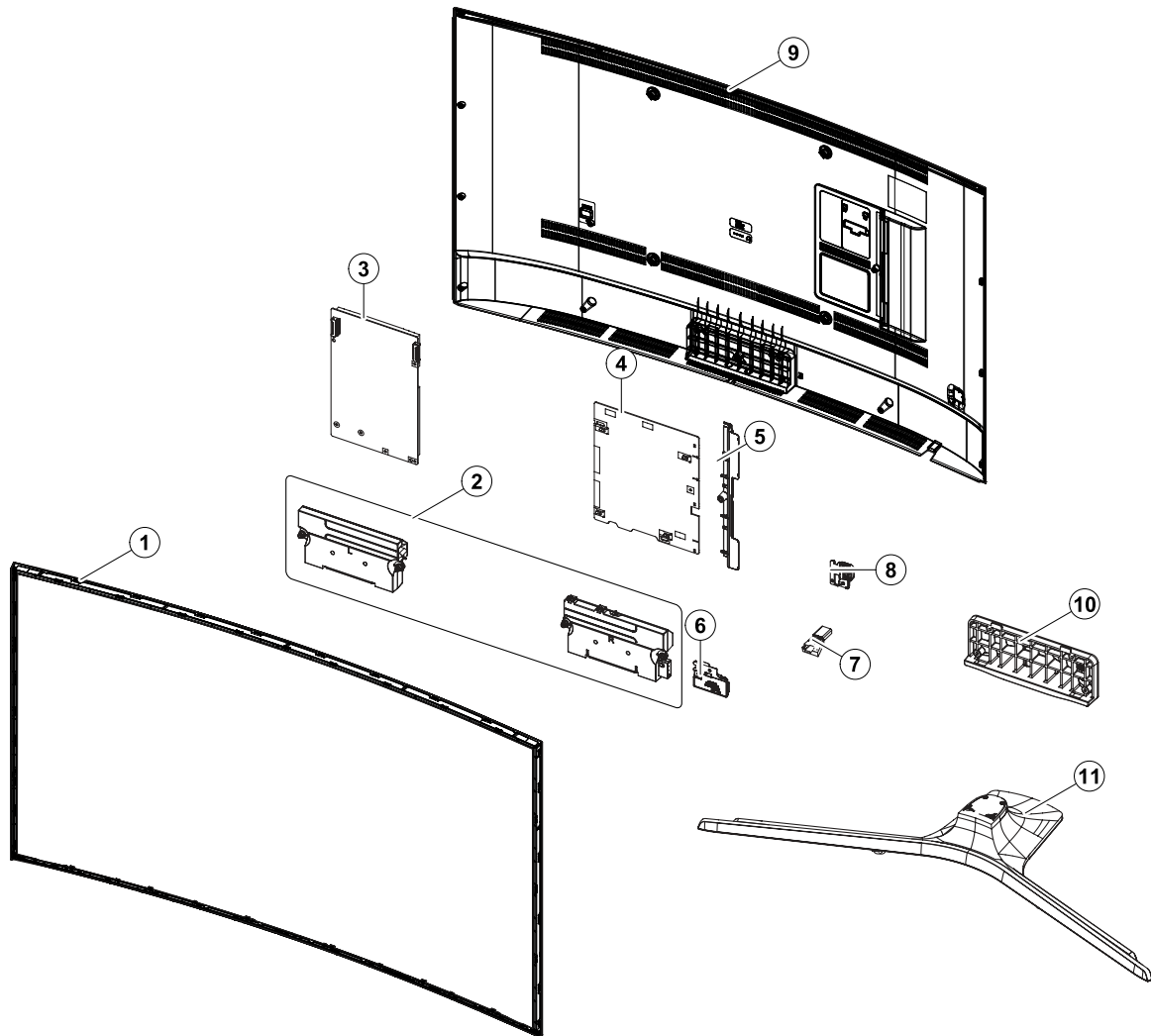
1. Always remember to disconnect the Power Cord before assembling or disassembling the LED TV.
2. Always take precautions and follow the steps properly. Remember to take a picture before disassembling if possible.
3. Recommended screwdriver torque : 22.0 ~ 26.5lbf
 - The torque may need to be adjusted accordingly.

**NOTE**

Reassembly procedures are in the reverse order of disassembly procedures.

ANNEX. Exploded View & Part List [UE40KU6172UXXH FA01]

1-1. Exploded View



1-1-1. Parts List

No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1	BN95-02921A	PRODUCT LCD-SDC; CY-WK040HGLV1V,KU6300,B	1	SA	
2	BN96-35009A	ASSY SPEAKER P-FRONT; TV-SPK,JU6700,6ohm,	1	SA	
3	BN44-00806A	DC VSS-PD BOARD; L40S6_FDY,AC/DC,139W,100	1	SA	
4	BN94-10769A	ASSY PCB MAIN; LED 6K TV	1	SA	
5	BN63-15215A	COVER-TERMINAL SIDE; 55KU6000,HIPS,MOLD,H	1	SA	
6	BN59-01174D	NETWORK-WLAN CLIENT; WIDT30Q,58x31.45x8.5	1	SA	
7	BN96-39955B	ASSY BOARD P-IR; KU6300,IR ASSY_KU6300	1	SA	
8	BN96-35345B	ASSY BOARD P-FUNCTION JOG; JU7500,CT15SE	1	SA	
9	BN96-35780L	ASSY CHASSIS FRONT P; 40KU6300,PC+ABS+MF	1	SA	
10	BN96-36255G	ASSY GUIDE P-STAND; JU6670,V STAND,HIPS,B	1	SA	
11	BN96-35224A	ASSY STAND P-BOTTOM; J5500 40",PC+ABS+GF2	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
			UE40KU6172UXXH (FA01)			
1	S001A	BN90-06542K	ASSY STAND;LED_J6K	1	SNA	
0.2	SB04A	BN96-35224A	ASSY STAND P-BOTTOM;J5500 40",PC+ABS+GF2	1	SA	
..3		0203-001499	TAPE-OPP;OPP,T0.04,W15,N/A,CLEAR,ROLL	0	SNA	
..3	SCREW	6003-001001	SCREW-TAPTYPE;FH,+,-,B,M3,L8,ZPC(BLK),SW	2	SA	
..3		BN61-07463B	TAPE-DOUBLE FACE;ACRYL,T0.25,W7,CLEAR	0	SNA	
..3	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;KU6500,SWRCH18A,BLK,PRESS,B	2	SA	
..3		BN61-11430A	BRACKET-STAND BODY;HGI,T1.6,NATURAL,12.7	1	SNA	
..3	AS080	BN63-04755H	SHEET-PROTECTION COVER;52LC530,PE,T0.05,	1	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		BN63-13258A	COVER-STAND TOP;Y15 F-LED J5100/5500 40"	1	SNA	
...4		0103-009946	RESIN PC ABS;HM-1200,BLACK,BK0007,V-1	360	SNA	
..3	RF01	BN67-00398L	FOOT-RUBBER;UH6K,Si,GRAY,W8,L15.5,T2	3	SNA	
..3	RF01	BN67-00398P	FOOT-RUBBER;UH6K,Si,GRAY,W8,L15.5,T2.5	4	SNA	
..3		BN95-02140A	ASSY COVER STAND SMT;J5500 STAND,40,LIGH	1	SNA	
...4		0203-007002	TAPE-SINGLE FACE;OPP,T0.06,W75,L66M,CLEA	0	SNA	
...4		0204-007315	COATING;UVICHEM CVM92000(VOC),13~15,CLEA	0	SNA	
...4		AA69-05637R	PAD-DP SHEET;JUPITER,CB,W775,L505	1	SNA	
...4		AA69-07416G	MASTER BOX-DP;CB,DW,W325,H540	1	SNA	
...4		AA69-07495E	PAD-DP SHEET;CTV,CB,DW5,W775,L320,YEL	1	SNA	
...4		AA69-07510A	PAD-DP BOTTOM EPP;CTV,CB,W773,L506	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		BN63-13262A	COVER-STAND DECORATION;J5100/5500 40",PC	1	SNA	
....5		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	77	SNA	
....5		BN63-07556C	SHEET-PROTECTION COVER;TOC,PO,T0.068,W50	1	SNA	
...4		BN68-03920A	LABEL BOX;ALL,ART PAPER,W100,L75,W/W,100	1	SNA	
...4		BN69-10617B	PACKING SHEET;32" UH6300,HDPE/PE FOAM,PE	1	SNA	
..3	T0382	BP61-00495C	TAPE SINGLE FACE;ACRYL,PJT,ACRYL FOAM,T0	0	SNA	
0.2	SG01A	BN96-36255G	ASSY GUIDE P-STAND;JU6670,V STAND,HIPS,B	1	SA	
..3	SG03	BN61-11965A	GUIDE-STAND;JU6740,PC+GF20%,MOLD,V-2,BK0	1	SA	
...4		0103-007285	RESIN PC;HF3200H,K21294,BK0007,V-2	250	SNA	
...4		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	2	SNA	
..3		BN96-35528A	ASSY ACCESSORY-SCREW;JU7500,40	1	SNA	
...4		6902-002474	BAG SCREW;LDPE,T0.05*,W70,L90,TRP,RECYCL	1	SNA	
...4	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;KU6500,SWRCH18A,BLK,PRESS,B	8	SA	
1	R001A	BN90-08089C	ASSY COVER REAR;LED TV 6K	1	SNA	
0.2	SCREW	6001-003074	SCREW-MACHINE;BH,+,M3,L6,ZPC(BLK),SWRCH1	14	SA	
0.2	R001A	BN96-37105S	ASSY COVER P-REAR;40KU6300,PC+ABS,V-1,BK	1	SA	
..3	R001	BN63-15769D	COVER-REAR;40KU6300,PC+ABS,MOLD,V-1,BK00	1	SNA	
...4		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	1805	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..3		BN68-03518R	LABEL-STICKER CI SLOT;55KU6000,PET,T0.12	1	SNA	
..3		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	3	SNA	
..3		BN68-07838E	INLAY-TERMINAL SIDE;55KU6000,PET,T0.125,	1	SNA	
1		BN90-08339A	ASSY W/I;UKU6300G	1	SNA	
0.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA	
0.2		BN81-11259U	A/S PART SET-MECH W/I;UKU6300G,U40KG*	1	SNA	
1	M0017	BN91-17245E	ASSY CHASSIS;LED TV 6K	1	SNA	
0.2	M0014	BN94-10769A	ASSY PCB MAIN;LED 6K TV	1	SA	
..3		AH63-02994A	GASKET;DA-E750,Conductive Fabric,1,10,15	1	SNA	
..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		BN97-10959A	ASSY SMD;LED 6K	1	SNA	
...4		0202-001899	SOLDER-CREAM;M705-GRN360-K2-VT,20-38um,S	5	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,S OD	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	
...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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	2	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	SA	
...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,1608,TP,19V,200	2	SNA	
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	15	SA	
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	2	SA	
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA	
...4		2007-000039	R-CHIP;0ohm,1%,1/10W,TP,1608	8	SA	
...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	1	SA	
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000910	R-CHIP;43Kohm,1%,1/10W,TP,1608	1	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	29	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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		2007-007231	R-CHIP;110Kohm,1%,1/10W,TP,1608	1	SA	
...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	2	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	7	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	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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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,T0.	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,T0	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,T0.	42	SA	
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	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	
...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		2703-002269	INDUCTOR-SMD;56nH,5%,1005,0.5T,1.4Ohm,15	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%,6060,T4.5,0.02Ohm	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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-SCREWLESS PCB;55KS8000,SK5,T0.3,	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		BN97-10865A	ASSY MICOM-MAIN;T-JZL6DEUC,UWP60,KLM4G1F	1	SNA	
....5		1107-002374	IC-EMMC;KLM4G1FEPD-B031,4Gbyte,BGA,153P,	1	SNA	
...4		BN97-10918A	ASSY MICOM;TCON,KU6k,W25Q80DVSSIG,1107-0	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	
..3		BN97-11364A	ASSY MICOM;TCON DATA,KU6k,40-SDC-Curved,	1	SNA	
...4		BN46-00544A	S/W MICOM;K40A6U0C,SDC,40A6AU*WK,Curved	1	SNA	
1		BN91-17319D	ASSY SHIELD;LED TV 6K	1	SNA	
0.2	SCREW	6001-003081	SCREW-MACHINE;PWH,+,M3,L5,ZPC(WHT),SWRCH	5	SA	
0.2		BN02-00102B	TAPE-SINGLE FACE;FILAMENT,#8917,T0.15,W2	0	SNA	
0.2	12P	BN39-02025A	LEAD CONNECTOR-POWER;UN40JU6400AFXZA,UL2	1	SA	
0.2		BN39-02030E	LEAD CONNECTOR-BLU;BLU,UL21016,16P,80mm,	1	SA	
0.2	EC13	BN39-02218A	LEAD CONNECTOR-SUB ASSY;50KU6000,UL21016	1	SA	
0.2		BN39-02220B	LEAD CONNECTOR-SUB ASSY;50KU6300,UL21016	1	SA	
0.2	P001A	BN44-00806A	DC VSS-PD BOARD;L40S6_FDY,AC/DC,139W,100	1	SA	
0.2	WIFI	BN59-01174D	NETWORK-WLAN CLIENT;WIDT30Q,58x31.45x8.5	1	SA	
0.2		BN61-14083A	HOLDER-WIFI;40KU6300,ABS,MOLD,BK0007,HB	1	SNA	
0.2	SP01A	BN96-35009A	ASSY SPEAKER P-FRONT;TV-SPK,JU6700,6ohm,	1	SA	
0.2	JOG	BN96-35345B	ASSY BOARD P-FUNCTION JOG;JU7500,CT15SE8	1	SA	
..3	AH240	BN61-11584A	HOLDER-BUTTON;JU7500,ABS,MOLD,BK0007,HB	1	SNA	
..3	AH297	BN63-11231B	HOLDER-KNOB;HU7000,ABS,MOLD,BLACK,HB	1	SNA	
..3	FK04	BN64-02406B	BUTTON-FUNCTION;LED_HU7000,ABS,HB,BLACK,	1	SNA	
...4		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	8	SNA	
0.2	FB10A	BN96-39955B	ASSY BOARD P-IR;KU6300,IR ASSY_KU6300	1	SA	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.2		BN96-40835A	FFC CABLE;LED_KU6300,Fold,L700,96P,16Y M	1	SA	
0.2		BN96-40836A	FFC CABLE;LED_KU6300,Fold,L500,96P,16Y M	1	SA	
1		BN92-19785F	ASSY BOX;LED TV 6K	1	SNA	
0.2		BH68-00662A	LABEL BOX;ALL,ART PAPER,W60,L110,WHT,NO	1	SNA	
0.2		BN68-05640A	LABEL BOX;ALL,ART PAPER,W110,L130,EUROPE	1	SNA	
0.2		BN69-14074E	BOX UNIT;40KU6100,CB,SW4,F1,L1126,W160,H	1	SNA	
1		BN92-19809A	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-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	3	SNA	
0.2		BN68-02422B	LABEL WARNING;ALL,ART PAPER,T0.05,W240,L	1	SNA	
0.2		BN69-03982N	PACKING ANGLE;ALL,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-DP SHEET;PAD,CB,SW4,,W1130,L1060,,,,	1	SNA	
0.2		BN69-11601A	CUSHION-SET;JU6640,EPS,16.7g/l,WHT,40"	1	SNA	
..3		0103-005099	RESIN EPS;BASF303,Natural,Natural	513	SNA	
0.2		BN69-12198R	PALLET-DP WOODEN;UE40J6300,WOOD,-,W1200,	1	SNA	
1	ACCE1	BN92-20192H	ASSY ACCESSORY;LEDTV 6K	1	SNA	
0.2	ACCE2	BN96-35677B	ASSY ACCESSORY-CABLE;UE55KU6170UXXC	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		4301-000121	BATTERY-MN;1.5V,R03,10.5x44.5m,7.5g,AAA	2	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		BN59-01247A	REMOCON-TV;2016 TV,Samsung,44KEY,3V,KU60	1	SA	
..3		BN68-08097D	LEAFLET;JAZZ-L,EUROPE,W/P,W200,L250,4COL	1	SNA	
..3		BN68-08112A	LABEL-SECURITY;ALL,PET,T0.05,W55,L52,GLO	1	SNA	
..3		BN69-13918A	BAG ACCESSORY;LDPE,T0.07,L350,W500,TRP,B	1	SNA	
..3	EH03A	BN96-36071D	ASSY HOLDER P-RING;LED JU6700,JU650,W/W,	1	SNA	
...4		6902-002497	BAG ZIPPER;LDPE,T0.05,W100,L250,TRP,RECY	1	SNA	
...4	AH365	BN61-11938A	HOLDER-WALL RING;Y15 JU6510,ABS,MOLD,BK0	4	SNA	
....5		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	40	SNA	
0.2	ACCE4	BN96-35701G	ASSY ACCESSORY-MANUAL;UE49KU6100WXXH	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		BN68-07990E	MANUAL USERS;KU6300,XH,W/P,EURO B5	1	SNA	
1		BN92-20198J	ASSY LABEL;LEDTV 6K	1	SNA	
0.2		0203-001598	TAPE-SINGLE FACE;FILAMENT,#8915,T0.15,W1	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		BN68-07991T	LEAFLET-QUICK SETUP GUIDE;KU6300,EU,W/P,	1	SNA	

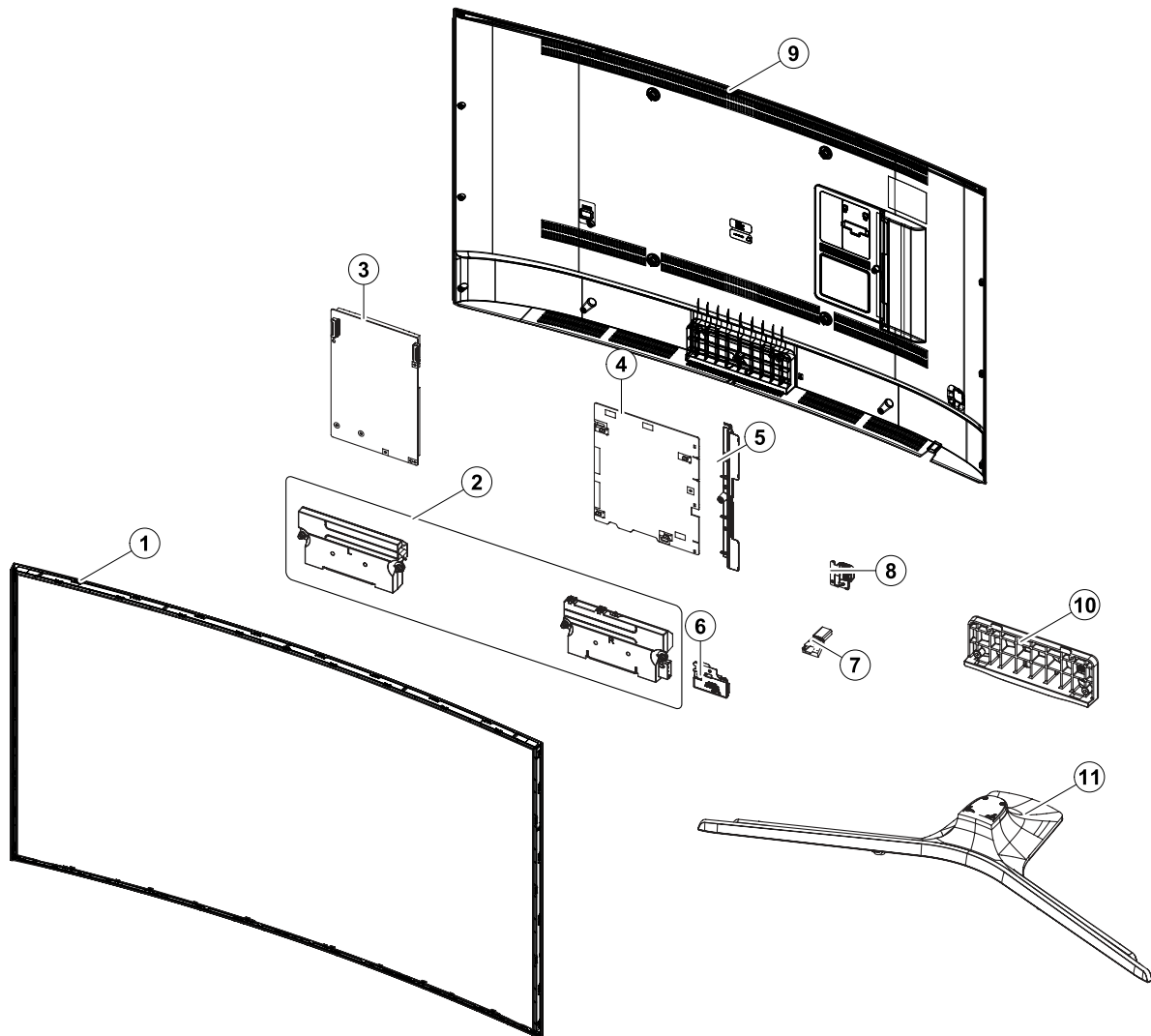
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1		BN95-02921A	PRODUCT LCD-SDC;CY-WK040HGLV1V,KU6300,Ba	1	SA	
0.2	SCREW	6001-003075	SCREW-MACHINE;BH,+,M3,L4,ZPC(WHT),SWRCH1	4	SA	
0.2	SCREW	6001-003079	SCREW-MACHINE;CH,+,M3,L6,ZPC(BLK),SWRCH1	2	SA	
0.2	AS080	BN63-07229A	SHEET-PROTECTION COVER;rose70",PET,T0.05	1	SNA	
0.2		BN68-05722A	LABEL-E PASS;POLYPROPYLENE,NON-COATING	1	SNA	
0.2		BN90-08263A	ASSY MISC-BLU;Y16,LCM	1	SNA	
..3		BN61-12158A	DIFFUSER PLATE;15Y_J6.3K 40INCH_DIFFUSER	1	SNA	
..3		BN61-13702A	FRAME-MIDDLE TOP;40KU6300,TPV,HB,BK0008,	1	SNA	
..3		BN61-13707A	FRAME-MIDDLE LEFT RIGHT;40KU6300,TPV,HB,	2	SNA	
..3		BN61-13712A	FRAME-MIDDLE BOTTOM;40KU6300,TPV,HB,BK00	1	SNA	
..3		BN61-14014A	OPTICAL SHEET-REFLECTOR;CY-WK040HGLV1V,P	1	SNA	
..3		BN63-14903A	OPTICAL SHEET-COMPLEX;15Y_JU6.7K_40inch_	1	SNA	
..3		BN63-14909A	OPTICAL SHEET-PROTECTION;15Y_JU6.7K_40in	1	SNA	
..3		BN96-34791A	ASSY LED BAR P;40" UHD_L_SDC,CEM3,view	5	SA	
..3		BN96-34792A	ASSY LED BAR P;40" UHD_R_SDC,CEM3,view	5	SA	
..3		BN96-35764C	ASSY CHASSIS REAR P;40KU6300,EGI-SECC	1	SNA	
...4		0203-006897	TAPE-DOUBLE FACE;Si,T1,W10,L50,WHITE	1	SNA	
...4	SCREW	6001-003075	SCREW-MACHINE;BH,+,M3,L4,ZPC(WHT),SWRCH1	1	SA	
...4		BN02-00040C	TAPE DOUBLE FACE;F-LED ALL,PET,T0.3,W3,L	2	SNA	
...4		BN02-00102B	TAPE-SINGLE FACE;FILAMENT,#8917,T0.15,W2	0	SNA	
...4		BN02-00173C	TAPE-SINGLE FACE;PET,T0.05,W40,BLACK	0	SNA	
...4		BN61-11508A	SUPPORT-PLATE;Y15 LED,PC,V-2,CLEAR,OD-19	8	SNA	
...4		BN61-11509A	HOLDER-SOURCE PCB;Y15 LED,ABS,MOLD,BLACK	6	SNA	
...4		BN61-11553A	FRAME-CHASSIS REAR LEFT RIGHT;Y15 7.5K S	2	SNA	
...4		BN61-11554A	FRAME-CHASSIS REAR TOP;Y15 7.5K SDC 40",	1	SNA	
...4		BN61-11770A	FRAME-CHASSIS REAR BOTTOM;Y15 7.5K SDC 4	1	SNA	
...4		BN62-00690A	INSULATOR-SMPS;JU7500,PC,BLACK,L226.6,W2	1	SNA	
...4		BN63-14967A	GASKET-EMI;GASKET,FABRIC,T8,W23,L25,BLAC	3	SNA	
...4	CC04	BN64-02915B	CHASSIS-REAR;40KU6300,EGI-SECC,PRESS,T0.	1	SNA	
...5	CB20	BN61-11982B	BRACKET-WALL;55KS7000,CR-SPCC,EXTRUSION,	4	SNA	
...4		BN67-00338D	SUPPORT-SOURCE PCB;SILICON,GRAY,T7,W10,L	2	SNA	
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA	
...4		BN74-00053J	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W25,	0	SNA	
...4		BN96-34707A	ASSY PCB P-LED INTERFACE BOARD;40JU6400,	1	SNA	
0.2		BN96-35608B	ASSY COVER P-SOURCE PCB LEFT;40KU6300,EG	1	SNA	
..3		BN62-00721B	INSULATOR-SOURCE PCB;Y15 U7.5K,PC,BLACK,	2	SNA	
..3		BN62-00722B	INSULATOR-SOURCE PCB COVER LEFT;40KU6300	1	SNA	
..3		BN63-13372A	COVER-SOURCE PCB LEFT;Y15 LED 40",EGI-SE	1	SNA	
0.2		BN96-35613B	ASSY COVER P-SOURCE PCB RIGHT;40KU6300,E	1	SNA	
..3		BN60-00554R	SPACER-SILICONE;Y15 VD,Si,L10,ID3,BLACK,	6	SNA	
..3		BN62-00721D	INSULATOR-SOURCE PCB COVER RIGHT;40KU630	1	SNA	
..3		BN63-13371A	COVER-SOURCE PCB RIGHT;Y15 LED 40",EGI-S	1	SNA	
...4		BN01-00130A	STEEL;EGI-SECC,L62,0.6mm,440mm,62,SECC,A	278	SNA	
0.2		BN96-35780L	ASSY CHASSIS FRONT P;40KU6300,PC+ABS+MF1	1	SA	
..3		BN60-01319B	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC,L17,	3	SNA	
..3		BN60-01321A	SPACER-CONDUCTIVE;Y15_LED,PE FOAM,L895,G	2	SNA	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..3		BN60-01322A	SPACER-CONDUCTIVE;Y15_LED,PE FOAM,L495,G	2	SNA	
..3	CCM1	BN63-02183B	SHEET-PROTECTION COVER;Rhcm,PE,T0.04,W15	3	SNA	
..3		BN63-14373G	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3		BN63-14373J	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3		BN63-14373K	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3	AC155	BN64-03026L	CHASSIS-FRONT;40KU6300,PC+ABS+MF15%,V-1,	1	SNA	
0.2		BN96-39247A	ASSY OPEN CELL;LSF400FN06-L,16:9,0.4T	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		BN81-13042A	A/S-POLARIZER CF;POLARIZER CF,LJ01-10786	1	SNA	
..3		BN81-13043A	A/S-POLARIZER TFT;POLARIZER TFT,LJ01-107	1	SNA	
..3		BN81-13046A	A/S-SOURCE PCB LEFT;SOURCE PCB LEFT,LJ94	1	SNA	
..3		BN81-13047A	A/S-SOURCE PCB RIGHT;SOURCE PCB RIGHT,LJ	1	SNA	

ANNEX. Exploded View & Part List [UE55KU6172UXXH AA01]

1-1. Exploded View



1-1-1. Parts List

No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1	BN95-02924A	PRODUCT LCD-AUO; CY-WK055HGAV1V,KU6300,	1	SA	
2	BN96-35008A	ASSY SPEAKER P-FRONT; TV-SPK,JU6700,6ohm,	1	SA	
3	BN44-00807A	DC VSS-PD BOARD; L55S6_FHS,AC/DC,203W,100	1	SA	
4	BN94-10827L	ASSY PCB MAIN; LED 6K TV	1	SA	
5	BN63-15215A	COVER-TERMINAL SIDE; 55KU6000,HIPS,MOLD,H	1	SA	
6	BN59-01174D	NETWORK-WLAN CLIENT; WIDT30Q,58x31.45x8.5	1	SA	
7	BN96-39955B	ASSY BOARD P-IR; KU6300,IR ASSY_KU6300	1	SA	
8	BN96-35345B	ASSY BOARD P-FUNCTION JOG; JU7500,CT15SE	1	SA	
9	BN96-40434G	ASSY COVER P-REAR; 55KU6300,PC+ABS+GF15	1	SA	
10	BN96-36255G	ASSY GUIDE P-STAND; JU6670,V STAND,HIPS,B	1	SA	
11	BN96-38964A	ASSY STAND P-BOTTOM; J5500 48,PC+ABS+GF20	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
			UE55KU6172UXXH (AA01)			
1	R001A	BN90-08282F	ASSY COVER REAR;LEDTV 6K	1	SNA	
0.2	SCREW	6001-003074	SCREW-MACHINE;BH,+,M3,L6,ZPC(BLK),SWRCH1	17	SA	
0.2	R001A	BN96-40434G	ASSY COVER P-REAR;55KU6300,PC+ABS+GF15%,	1	SA	
..3	R001	BN63-15774A	COVER-REAR;55KU6300,PC+ABS+GF15%,MOLD ,V-	1	SNA	
...4		0103-010275	RESIN PC ABS;235GNH15/6919H,Black,BK0007	3287	SNA	
..3		BN68-03518R	LABEL WARNING;55KU6000,PET,T0.125,W66.5,	1	SNA	
..3		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	3	SNA	
..3		BN68-07838E	INLAY-TERMINAL SIDE;55KU6000,PET,T0.125,	1	SNA	
1	S001A	BN90-08286A	ASSY STAND;LEDTV 6K	1	SNA	
0.2	SG01A	BN96-36255G	ASSY GUIDE P-STAND;JU6670,V STAND,HIPS,B	1	SA	
..3		0203-001499	TAPE-OPP;OPP,T0.04,W15,L50M,CLEAR,ROLL	0	SNA	
..3	SG03	BN61-11965A	GUIDE-STAND;JU6740,PC+GF20%,MOLD,V-2,BK0	1	SA	
...4		0103-007285	RESIN PC;HF3200H,K21294,BK0007,V-2	250	SNA	
..3		BN96-35528A	ASSY ACCESSORY-SCREW;JU7500,40	1	SNA	
...4		6902-002474	BAG SCREW;LDPE,T0.05*,W70,L90,TRP,RECYCL	1	SNA	
...4	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;KU6500,SWRCH18A,BLK,PRESS,B	8	SA	
0.2	SB04A	BN96-38964A	ASSY STAND P-BOTTOM;J5500 48,PC+ABS+GF20	1	SA	
..3	SCREW	6003-001001	SCREW-TAPTYPE;FH,+,B,M3,L8,ZPC(BLK),SW	2	SA	
..3	SCREW	6003-001239	SCREW-TAPTYPE;FH,+,B,M4,L10,ZPC(WHT),SWR	4	SA	
..3	SCREW	6003-001315	SCREW-TAPTYPE;BH,+,B,M4,L20,ZPC(WHT),SWR	4	SNA	
..3		BN61-07463B	TAPE-DOUBLE FACE;ACRYL,T0.25,W7,CLEAR	0	SNA	
..3		BN61-11431B	BRACKET-STAND BODY;Y15 F-LED J5100/5500	1	SNA	
..3		BN61-13134A	BRACKET-STAND BOTTOM;48J5500,HGI,T2	1	SNA	
..3	AS080	BN63-04755H	SHEET-PROTECTION COVER;52LC530,PE,T0.05,	1	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		BN63-13259E	COVER-STAND TOP;LED J5500,PC+ABS+GF20%,M	1	SNA	
...4		0103-009946	RESIN PC ABS;HM-1200,BLACK,BK0007,V-1	360	SNA	
...4		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	2	SNA	
..3	RF01	BN67-00327M	FOOT-RUBBER;STAND,Si,GRAY,W10,L10,T1.5	2	SNA	
..3	RF01	BN67-00398P	FOOT-RUBBER;UH6K,Si,GRAY,W8,L15.5,T2.5	5	SNA	
..3		BN95-02141A	ASSY COVER STAND SMT;J5500 STAND,48",LIG	1	SA	
...4		0203-001269	TAPE-OPP;#301,T0.06,W75,L50000,NTR	0	SNA	
...4		0204-007315	COATING;UVICHEM CVM92000(VOC),13~15,CLEA	0	SNA	
...4		AA69-07323C	PACKING-SHEET SMT;HDPE,PE FOAM,T0.015,T1	1	SNA	
...4		AA69-07325Q	PAD-DP SHEET;CTV,CB,DW,W860,L520,YEL	1	SNA	
...4		AA69-07416E	MASTER BOX-DP;CB,DW,W325,H550	1	SNA	
...4		AA69-07495D	PAD-DP SHEET;CTV,CB,DW5,W860,L320,YEL	1	SNA	
...4		AA69-07509A	PAD-DP BOTTOM EPP;CTV,CB,W859,L520	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN63-13263A	COVER-STAND DECORATION;J5100/5500 48",PC	1	SNA	
...5		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	85	SNA	
...5		BN63-07556C	SHEET-PROTECTION COVER;TOC,PO,T0.068,W50	1	SNA	
...4		BN68-03920A	LABEL BOX;ALL,ART PAPER,W100,L75,W/W,100	1	SNA	
..3	T0382	BP61-00495C	TAPE PET;ACRYL,PJT,ACRYL FOAM,T0.25,W30,	0	SNA	
1		BN90-08338A	ASSY W/I;UKU6300G	1	SNA	
0.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA	
0.2		BN81-11259X	A/S PART SET-MECH W/I;UKU6300G,U55KG*	1	SNA	
1	M0017	BN91-17362L	ASSY CHASSIS;LED TV 6K	1	SNA	
0.2	M0014	BN94-10827L	ASSY PCB MAIN;LED 6K TV	1	SA	
..3		AH63-02994A	GASKET;DA-E750,Conductive Fabric,1,10,15	1	SNA	
..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		BN97-10984L	ASSY SMD;LED 6K	1	SNA	
...4		0202-001899	SOLDER-CREAM;M705-GRN360-K2-VT,20-38um,S	5	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,S OD	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	
...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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	2	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	
...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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	29	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	
...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	7	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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	
...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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	
...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,L,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		BN97-10865A	ASSY MICOM-MAIN;T-JZL6DEUC,UWP60,KLM4G1F	1	SNA	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
....5		1107-002374	IC-EMMC;KLM4G1FEPD-B031,4Gbyte,BGA,153P,	1	SNA	
...4		BN97-10918A	ASSY MICOM;TCON,KU6k,W25Q80DVSSIG,1107-0	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	
..3		BN97-11342A	ASSY MICOM;TCON DATA,KU6k,55-AUO-Curved,	1	SNA	
...4		BN46-00539A	S/W MICOM;K55L6U0C,AUO,55L6AU*RK,Curved	1	SNA	
1		BN91-17378B	ASSY SHIELD;LED TV 6K	1	SNA	
0.2	SCREW	6001-003081	SCREW-MACHINE;PWH,+,M3,L5,ZPC(WHT),SWRCH	5	SA	
0.2		BN02-00102B	TAPE-FILAMENT;FILAMENT,#8917,T0.15,W25,L	0	SNA	
0.2	12P	BN39-02025D	LEAD CONNECTOR-POWER;UN55JU6700AFXZA,UL2	1	SA	
0.2	16P	BN39-02030C	LEAD CONNECTOR-BLU;BLU,UL21016,16P,150mm	1	SA	
0.2	EC13	BN39-02218B	LEAD CONNECTOR-SUB ASSY;55KU6000, 60KU60	1	SA	
0.2		BN39-02220C	LEAD CONNECTOR-SUB ASSY;55KU6300,UL21016	1	SA	
0.2	P001A	BN44-00807A	DC VSS-PD BOARD;L55S6_FHS,AC/DC,203W,100	1	SA	
0.2	WIFI	BN59-01174D	NETWORK-WLAN CLIENT;WIDT30Q,58x31.45x8.5	1	SA	
0.2		BN61-10073B	HOLDER-WIFI;55KU6000,ABS,MOLD,BK0007,HB	1	SNA	
0.2	SP01A	BN96-35008A	ASSY SPEAKER P-FRONT;TV-SPK,JU6700,6ohm,	1	SA	
0.2	JOG	BN96-35345B	ASSY BOARD P-FUNCTION JOG;JU7500,CT15SE8	1	SA	
..3	AH240	BN61-11584A	HOLDER-BUTTON;JU7500,ABS,MOLD,BK0007,HB	1	SNA	
...4		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	8	SNA	
..3	AH297	BN63-11231B	HOLDER-KNOB;HU7000,ABS,MOLD,BLACK,HB	1	SNA	
..3	FK04	BN64-02406B	BUTTON-FUNCTION;LED_HU7000,ABS,HB,BLACK,	1	SNA	
0.2		BN96-39820D	FFC CABLE;55KS7500,Fold,L500,96P	1	SA	
0.2		BN96-39903B	FFC CABLE;65KU6500,Fold,L650,96P	1	SA	
0.2	FB10A	BN96-39955B	ASSY BOARD P-IR;KU6300,IR ASSY_KU6300	1	SA	
1		BN92-20019B	ASSY LABEL POP;LED TV 6K	1	SNA	
0.2		BN68-07971A	LABEL POP-HIGHLIGHT;KU6500,PET,T0.1,W90,	1	SNA	
1		BN92-20182K	ASSY BOX;LEDTV 6K	1	SNA	
0.2		BH68-00662A	LABEL BOX;ALL,ART PAPER,W60,L110,WHT,NO	1	SNA	
0.2		BN68-05640A	LABEL BOX;ALL,ART PAPER,W110,L130,EUROPE	1	SNA	
0.2		BN69-14076F	BOX UNIT;55KU6100,CB,DW3,F1,L1412,W180,H	1	SNA	
1		BN92-20187A	ASSY P/MATERIAL;LEDTV 6K	1	SNA	
0.2		0203-001598	TAPE-FILAMENT;FILAMENT,#8915,T0.15,W12,L	0	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,ROLL	3	SNA	
0.2		BN68-02422B	LABEL WARNING;ALL,ART PAPER,T0.05,W240,L	1	SNA	
0.2		BN69-03982P	PACKING ANGLE;ALL,PAPER,-,-,-,-,-,-,-	1	SNA	
0.2		BN69-05418N	WRAP;T0.017,750,2000000,2000000,750	25	SNA	
0.2		BN69-06640E	PAD-PACKING;TRUCK PAD,CB,-,W410,L2500,,	1	SNA	
0.2		BN69-06642A	PAD-DP SHEET;PAD,CB,SW4,,W1300,L1050,,,,	1	SNA	
0.2		BN69-13468A	CUSHION-SET SIDE;55KU6300,EPS,16.7g/l,WH	1	SNA	
0.2		BN69-13478A	CUSHION-SET;55KU6300,EPS,16.7g/l,WHT,V-S	1	SNA	
..3		0103-005099	RESIN EPS;BASF303,Natural,Natural	914	SNA	
0.2		BN69-13622B	PAD-CUSHION FRONT;55KS7500,CB,DW2+EPE,W6	1	SNA	

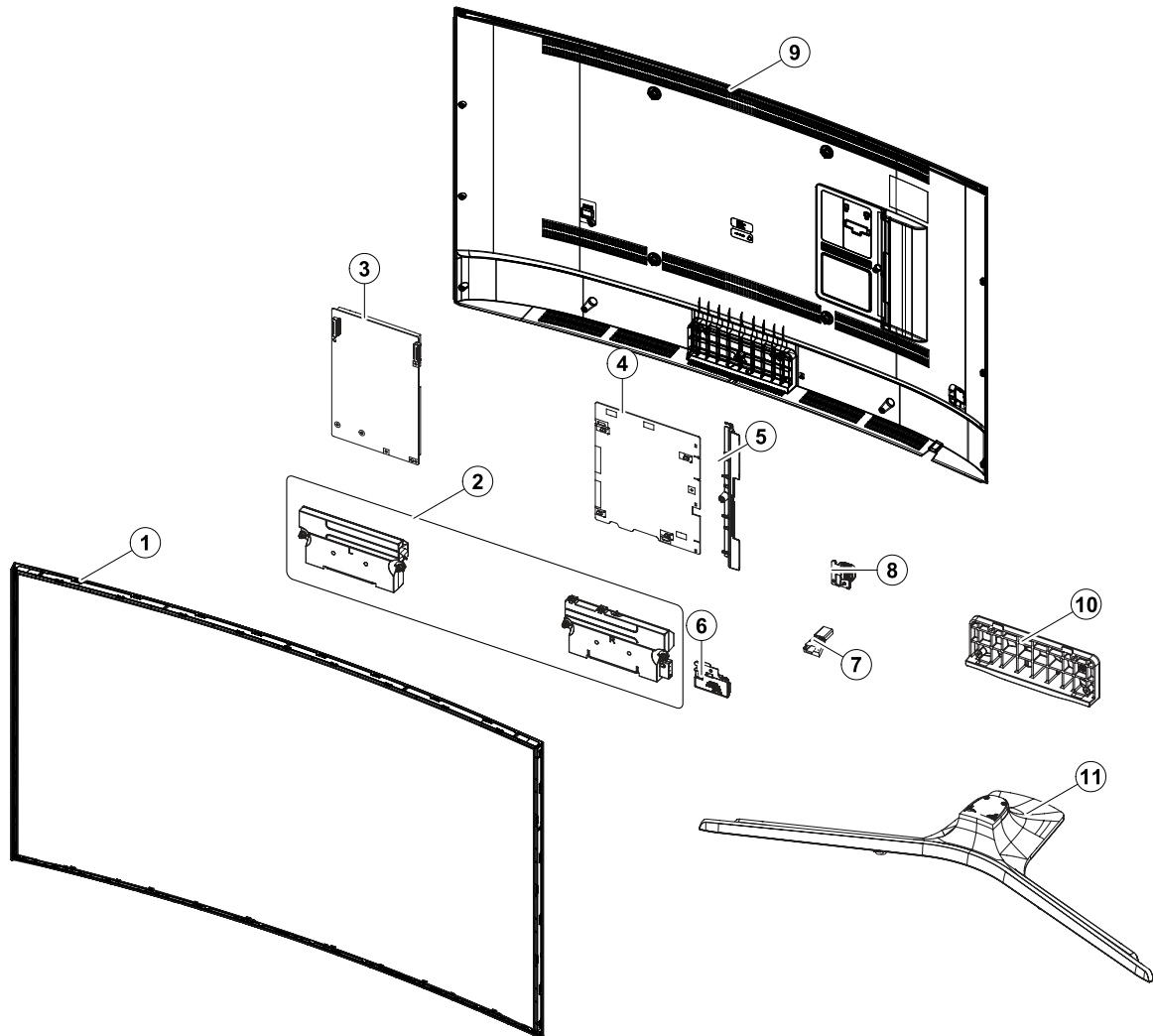
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.2		BN69-14429S	PALLET;55" KU6100,WOOD,-,1170,1420,H144,	1	SNA	
1	ACCE1	BN92-20192H	ASSY ACCESSORY;LEDTV 6K	1	SNA	
0.2	ACCE2	BN96-35677B	ASSY ACCESSORY-CABLE;LED_J6K	1	SNA	
..3		3709-001791	CONNECTOR-CARD SLOT;64P,0.5mm,SMD-A,AU,P	1	SA	
..3	T0268	3903-001118	CBF-POWER CORD;DT,EU,Angle,2P(C7),250V,2	1	SA	
..3		4301-000121	BATTERY-MN;1.5V,R03,10.5x44.5m,7.5g,AAA	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		BN59-01247A	REMOCON-TV;2016 TV,Samsung,44KEY,3V,KU60	1	SA	
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	2	SNA	
..3	EH03A	BN96-36071D	ASSY HOLDER P-RING;LED JU6700,JU650,W/W,	1	SNA	
...4		6902-002497	BAG ZIPPER;LDPE,T0.05,W100,L250,TRP,RECY	1	SNA	
...4	AH365	BN61-11938A	HOLDER-WALL RING;Y15 JU6510,ABS,MOLD,BK0	4	SNA	
....5		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	40	SNA	
0.2	ACCE4	BN96-35701G	ASSY ACCESSORY-MANUAL;LED_KU6300	1	SNA	
..3		6902-001964	BAG PE;LDPE,BIOBASED,T0.03,W200,L300,TRP	1	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		BN68-07990E	MANUAL USERS;KU6300,XH,W/P,EURO B5	1	SNA	
1		BN92-20198J	ASSY LABEL;LEDTV 6K	1	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		BN68-07991T	LEAFLET-QUICK SETUP GUIDE;KU6300,EU,W/P,	1	SNA	
1	PANEL	BN95-02924A	PRODUCT LCD-AUO;CY-WK055HGAV1V,KU6300,Ba	1	SA	
0.2	SCREW	6001-003075	SCREW-MACHINE;BH,+,M3,L4,ZPC(WHT),SWRCH1	4	SA	
0.2	SCREW	6001-003079	SCREW-MACHINE;CH,+,M3,L6,ZPC(BLK),SWRCH1	4	SA	
0.2		BN68-05722A	LABEL-E PASS;POLYPROPYLENE,NON-COATING	1	SNA	
0.2		BN90-08266A	ASSY MISC-BLU;Y16,LCM	1	SNA	
..3		BN61-11745A	DIFFUSER PLATE;15Y_J7.5K 55INCH_DIFFUSER	1	SNA	
..3		BN61-13704A	FRAME-MIDDLE TOP;55KU6300,TPV,HB,BK0008,	1	SNA	
..3		BN61-13709A	FRAME-MIDDLE LEFT RIGHT;55KU6300,TPV,HB,	2	SNA	
..3		BN61-13714A	FRAME-MIDDLE BOTTOM;55KU6300,TPV,HB,BK00	1	SNA	
..3		BN63-13489A	OPTICAL SHEET-REFLECTOR;15Y JU7.5K 55inc	1	SNA	
..3		BN63-14901A	OPTICAL SHEET-COMPLEX;15Y_JU6.7K_55inch_	1	SNA	
..3		BN63-14907A	OPTICAL SHEET-MLS;15Y_JU6.7K_55inch_PTD8	1	SNA	
..3		BN96-35766E	ASSY CHASSIS REAR P;55KU6300,EGI-SECC,EG	1	SNA	
...4		0203-006897	TAPE-DOUBLE FACE;Si,T1,W10,L50,WHITE	1	SNA	
...4	SCREW	6001-003075	SCREW-MACHINE;BH,+,M3,L4,ZPC(WHT),SWRCH1	1	SA	
...4		BN02-00040C	TAPE DOUBLE FACE;F-LED ALL,PET,T0.3,W3,L	6	SNA	
...4		BN02-00102B	TAPE-FILAMENT;FILAMENT,#8917,T0.15,W25,L	0	SNA	
...4		BN02-00173C	TAPE-POLY;PET,T0.05,W40,BLACK	0	SNA	
...4		BN02-00383A	TAPE THERMAL;Y15 JU8K,PET,T0.5,W60,L60	1	SNA	
...4		BN61-11506A	FRAME-CHASSIS REAR LEFT RIGHT;Y15 7.5K S	2	SNA	
....5		0103-010237	RESIN PC;LS-3104G/W95265,White,WT0044,V-	398	SNA	

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Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN61-11507A	FRAME-CHASSIS REAR TOP;Y15 7.5K SDC 55",	1	SNA	
...4		BN61-11508A	SUPPORT-PLATE;Y15 LED,PC,V-2,CLEAR,OD-19	18	SNA	
...4		BN61-11509A	HOLDER-SOURCE PCB;Y15 LED,ABS,MOLD,BLACK	8	SNA	
...4		BN61-11773A	FRAME-CHASSIS REAR BOTTOM;Y15 7.5K SDC 5	1	SNA	
...4		BN62-00690B	INSULATOR-SMPS;JU7500,PC,BLACK,L340,W255	1	SNA	
...4		BN63-14962A	GASKET-EMI;GASKET,FABRIC,T8,W15,L5,BLACK	2	SNA	
...4		BN63-14966A	GASKET-EMI;GASKET,FABRIC,T8,W20,L15,BLAC	2	SNA	
...4		BN63-14967A	GASKET-EMI;GASKET,FABRIC,T8,W23,L25,BLAC	2	SNA	
...4	CC04	BN64-02907B	CHASSIS-REAR;55KU6300,EGI-SECC,PRESS,T0.	1	SNA	
...5	CB20	BN61-11982B	BRACKET-WALL;55KS7000,CR-SPCC,EXTRUSION,	4	SNA	
...4		BN67-00338D	SUPPORT-SOURCE PCB;SILICON,GRAY,T7,W10,L	2	SNA	
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA	
...4		BN96-34710A	ASSY PCB P-LED INTERFACE BOARD;55JU6400,	1	SNA	
..3		BN96-40097A	ASSY LED BAR P;55inch_KU6000_AUO_L,CEM3,	6	SNA	
..3		BN96-40098A	ASSY LED BAR P;55inch_KU6000_AUO_R,CEM3,	6	SNA	
0.2		BN96-35610A	ASSY COVER P-SOURCE PCB LEFT;JU7500,EGI-	1	SNA	
..3		BN62-00722A	INSULATOR-SOURCE PCB LEFT;Y15 U7.5K,PC,B	1	SNA	
..3		BN63-13311A	COVER-SOURCE PCB LEFT;Y15 LED 55",EGI-SE	1	SNA	
..3		BN74-00053J	TAPE-PAPER;PAPER,3M2307,T0.14,W25,L50M,W	0	SNA	
0.2		BN96-35615A	ASSY COVER P-SOURCE PCB RIGHT;JU7500,EGI	1	SNA	
..3		BN60-00554R	SPACER-SILICONE;Y15 VD,Si,L10,ID3,BLACK,	8	SNA	
..3		BN62-00721A	INSULATOR-SOURCE PCB RIGHT;Y15 U7.5K,PC,	1	SNA	
..3		BN63-13312A	COVER-SOURCE PCB RIGHT;Y15 LED 55",EGI-S	1	SNA	
0.2		BN96-35782G	ASSY CHASSIS FRONT P;55KU6300,PC+ABS+MF1	1	SA	
..3		BN60-01319B	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC,L17,	3	SNA	
..3		BN60-01327A	SPACER-CONDUCTIVE;Y15_LED,PE FOAM,L1215,	2	SNA	
..3		BN60-01328A	SPACER-CONDUCTIVE;Y15_LED,PE FOAM,L680,G	2	SNA	
..3		BN63-14373G	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3		BN63-14373J	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3		BN63-14373K	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3	AC155	BN64-03028M	CHASSIS-FRONT;55KU6300,PC+ABS+MF15%,V-1,	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	
..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	

ANNEX. Exploded View & Part List [UE65KU6172UXXH AA01]

1-1. Exploded View



1-1-1. Parts List

No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1	BN95-02926A	PRODUCT LCD-AUO; CY-WK065HGAV1V,KU6300,	1	SA	
2	BN96-35008B	ASSY SPEAKER P-FRONT; TV-SPK,JU6700,6ohm,	1	SA	
3	BN44-00808D	DC VSS-PD BOARD; L65S6N_FSM W,AC/DC,262W,	1	SA	
4	BN94-10828H	ASSY PCB MAIN; LED 6K TV	1	SA	
5	BN63-15215A	COVER-TERMINAL SIDE; 55KU6000,HIPS,MOLD,H	1	SA	
6	BN59-01174D	NETWORK-WLAN CLIENT; WIDT30Q,58x31.45x8.5	1	SA	
7	BN96-39955B	ASSY BOARD P-IR; KU6300,IR ASSY_KU6300	1	SA	
8	BN96-35345B	ASSY BOARD P-FUNCTION JOG; JU7500,CT15SE	1	SA	
9	BN96-37582G	ASSY CHASSIS FRONT P; 65KU6300,PC+ABS+MF	1	SA	
10	BN96-40565A	ASSY GUIDE P-STAND; 65KU6300,PC+GF20%,BK0	1	SA	
11	BN96-37971A	ASSY STAND P-BOTTOM; Y15 J6200 60",PC+ABS	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
			UE65KU6172UXXH (AA01)			
1	S001A	BN90-07960C	ASSY STAND;UJ6K	1	SNA	
0.2	SB04A	BN96-37971A	ASSY STAND P-BOTTOM;Y15 J6200 60",PC+ABS	1	SA	
..3	SCREW	6003-001001	SCREW-TAPTYPE;FH,+,-,B,M3,L8,ZPC(BLK),SW	2	SA	
..3	AS080	BN63-04755H	SHEET-PROTECTION COVER;52LC530,PE,T0.05,	1	SNA	
..3	AS080	BN63-04755L	SHEET-PROTECTION COVER;22LC350,PE,T0.05,	1	SNA	
..3	RF01	BN67-00398P	FOOT-RUBBER;UH6K,Si,GRAY,W8,L15.5,T2.5	2	SNA	
..3		BN95-02371B	ASSY COVER STAND SMT;J6200,60,LIGHT TITA	1	SNA	
...4		0203-001269	TAPE-OPP;#301,T0.06,W75,L50000,NTR	0	SNA	
...4		0204-007315	COATING;UVICHEM CVM92000(VOC),13~15,CLEA	0	SNA	
...4		AA69-07494X	PAD-DP SHEET;CTV,CB,DW,W990,L515,YEL	1	SNA	
...4		AA69-07610E	PAD-DP SHEET;CTV,CB,DW5,W515,L310	1	SNA	
...4		AA69-07629P	MASTER BOX-DP;CB,DW,L315,W525,H1020	1	SNA	
...4		AA69-07707A	PAD-DP BOTTOM EPP;CTV,CB,DW,W515,L35	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		BN63-14512A	COVER-STAND DECORATION;15Y J6200 60",PC+	1	SNA	
....5		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	85	SNA	
....5		BN63-07556C	SHEET-PROTECTION COVER;TOC,PO,T0.068,W50	1	SNA	
...4		BN68-03920A	LABEL BOX;ALL,ART PAPER,W100,L75,W/W,100	1	SNA	
...4		BN69-10617S	PACKING SHEET;48" 6500 INHOUSE,HDPE/PE F	1	SNA	
..3	SB02A	BN96-38154A	ASSY STAND P-BOTTOM;J6200 60",PC+ABS+GF2	1	SNA	
...4	SCREW	6003-001119	SCREW-TAPTYPE;FH,+,-,S,M4,L10,ZPC(BLK),SWR	10	SA	
...4	SCREW	6003-001355	SCREW-TAPTYPE;BH,+,-,S,M4,L20,ZPC(BLK),SWR	2	SNA	
...4		BN61-12727A	BRACKET-STAND BOTTOM;HGI,T3,NATURAL	1	SNA	
...4		BN61-12728A	BRACKET-STAND BODY;HGI,T1.9,NATURAL	1	SNA	
...4		BN63-14511A	COVER-STAND TOP;15Y J6200 60",PC+ABS+GF2	1	SNA	
...4	RF01	BN67-00398P	FOOT-RUBBER;UH6K,Si,GRAY,W8,L15.5,T2.5	3	SNA	
...4		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	1	SNA	
0.2	SG01A	BN96-40565A	ASSY GUIDE P-STAND;65KU6300,PC+GF20%,BK0	1	SA	
..3	SG03	BN61-13775A	GUIDE-STAND;65KU6300,PC+GF20%,MOLD,V-2,B	1	SNA	
..3		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	1	SNA	
..3		BN69-08751A	PACKING SHRINKAGE;STAND,PLASTIC OTHERS,P	0	SNA	
..3		BN96-32380B	ASSY ACCESSORY-SCREW;LED_H5000,BN69-1058	1	SNA	
...4	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;KU6500,SWRCH18A,BLK,PRESS,B	4	SA	
...4		BN69-10588A	BAG SCREW;LDPE,0.05,70,90,TRP,LED TV,LDP	1	SNA	
..3		BN96-38693A	ASSY ACCESSORY-SCREW;JS7200	1	SNA	
...4		6902-002601	BAG SCREW;LDPE,T0.05*,W70,90,TRP,RECYCLE	1	SNA	
...4	SCREW	BN61-09494B	SCREW-TAPTYPE;BH,+,-,S,M4,L14,ZPC(BLK),SWR	4	SA	
1	R001A	BN90-08283D	ASSY COVER REAR;LEDTV 6K	1	SNA	
0.2	SCREW	6001-003074	SCREW-MACHINE;BH,+,-,M3,L6,ZPC(BLK),SWRCH1	21	SA	
0.2	SCREW	6003-000003	SCREW-TAPTYPE;BH,+,-,B,M4,L10,ZPC(BLK),S	1	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.2	R001A	BN96-40430G	ASSY COVER P-REAR;65KU6300,PC+ABS+GF15%,	1	SA	
..3	R001	BN63-13773V	COVER-REAR;65KU6300,PC+ABS+GF15%,MOLD ,V-	1	SNA	
..3		BN68-03518R	LABEL-WARNING;55KU6000,PET,T0.125,W66.5,	1	SNA	
..3		BN68-07838E	INLAY-TERMINAL SIDE;55KU6000,PET,T0.125,	1	SNA	
1		BN90-08341A	ASSY W/I;UKU6300G	1	SNA	
0.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA	
0.2		BN81-11259Y	A/S PART SET-MECH W/I;UKU6300G,U65KG*	1	SNA	
1	M0017	BN91-17363J	ASSY CHASSIS;LED TV 6K	1	SNA	
0.2	M0014	BN94-10828H	ASSY PCB MAIN;LED 6K TV	1	SA	
..3		AH63-02994A	GASKET;DA-E750,Conductive Fabric,1,10,15	1	SNA	
..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		BN97-10984L	ASSY SMD;LED 6K	1	SNA	
...4		0202-001899	SOLDER-CREAM;M705-GRN360-K2-VT,20-38um,S	5	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,S OD	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	
...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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	2	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-POSIFIXED REG.;S-13A1D12-E800,HSOP,8	1	SNA	
...4		1203-008104	IC-POSIFIXED REG.;S-13A1D18-E800,HSOP,8	1	SNA	
...4		1203-008105	IC-POSIFIXED 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-POSIFIXED REG.;SC4508A,MLPQ,12,4x4mm	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	SA	
...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		2007-000029	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	29	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	
...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	7	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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	
...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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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,T0.	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%,6060,T4.5,0.02Ohm	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	
...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		BN97-10865A	ASSY MICOM-MAIN;T-JZL6DEUC,UWP60,KLM4G1F	1	SNA	
...5		1107-002374	IC-EMMC;KLM4G1FEPD-B031,4Gbyte,BGA,153P,	1	SNA	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN97-10918A	ASSY MICOM;TCON,KU6k,W25Q80DVSSIG,1107-0	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	
..3		BN97-11343A	ASSY MICOM;TCON DATA,KU6k,65-AUO-Curved,	1	SNA	
...4		BN46-00540A	S/W MICOM;K65L6U0C,AUO,65L6AU*RK,Curved	1	SNA	
1		BN91-17379D	ASSY SHIELD;LED TV 6K	1	SNA	
0.2	SCREW	6001-003081	SCREW-MACHINE;PWH,+,M3,L5,ZPC(WHT),SWR CH	9	SA	
0.2		BN02-00102B	TAPE-FILAMENT;FILAMENT,#8917,T0.15,W25,L	0	SNA	
0.2		BN39-02025G	LEAD CONNECTOR-POWER;UN65KU6000,Flat Con	1	SA	
0.2	16P	BN39-02030C	LEAD CONNECTOR-BLU;BLU,UL21016,16P,150mm	1	SA	
0.2		BN39-02218C	LEAD CONNECTOR-SUB ASSY;65KU6000,UL21016	1	SA	
0.2		BN39-02220D	LEAD CONNECTOR-SUB ASSY;65KU6300,UL21016	1	SA	
0.2		BN44-00808D	DC VSS-PD BOARD;L65S6N_FSM W,AC/DC,262W,	1	SA	
0.2	WIFI	BN59-01174D	NETWORK-WLAN CLIENT;WIDT30Q,58x31.45x8.5	1	SA	
0.2		BN61-10073B	HOLDER-WIFI;55KU6000,ABS,MOLD,BK0007,HB	1	SNA	
0.2	CB18	BN61-11517A	BRACKET-STAND LINK;HGI-SGHC,T2,NATURAL	1	SA	
..3		BN61-09605A	STUD-PEM;LED TV F6100,SUM24L,L8,PRESS	4	SNA	
0.2	SP01A	BN96-35008B	ASSY SPEAKER P-FRONT;TV-SPK,JU6700,6ohm,	1	SA	
0.2	JOG	BN96-35345B	ASSY BOARD P-FUNCTION JOG;JU7500,CT15SE8	1	SA	
..3	AH240	BN61-11584A	HOLDER-BUTTON;JU7500,ABS,MOLD,BK0007,HB	1	SNA	
..3	AH297	BN63-11231B	HOLDER-KNOB;HU7000,ABS,MOLD,BLACK,HB	1	SNA	
..3	FK04	BN64-02406B	BUTTON-FUNCTION;LED_HU7000,ABS,HB,BLACK,	1	SNA	
...4		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	8	SNA	
0.2		BN96-39823B	FFC CABLE;65KS7500,Fold,L600,96P	1	SA	
0.2		BN96-39902A	FFC CABLE;65KU6000,Fold,L750,96P	1	SA	
0.2	FB10A	BN96-39955B	ASSY BOARD P-IR;KU6300,IR ASSY_KU6300	1	SA	
1		BN92-20019B	ASSY LABEL POP;LED TV 6K	1	SNA	
0.2		BN68-07971A	LABEL POP-HIGHLIGHT;KU6500,PET,T0.1,W90,	1	SNA	
1		BN92-20183H	ASSY BOX;LEDTV 6K	1	SNA	
0.2		BH68-00662A	LABEL BOX;ALL,ART PAPER,W60,L110,WHT,NO	1	SNA	
0.2		BN68-05640A	LABEL BOX;ALL,ART PAPER,W110,L130,EUROPE	1	SNA	
0.2		BN69-14071F	BOX UNIT;65KU6100,CB,DW4,F1,L1620,W215,H	1	SNA	
1		BN92-20188A	ASSY P/MATERIAL;LEDTV 6K	1	SNA	
0.2		6902-001954	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,ROLL	3	SNA	
0.2		BN68-02422B	LABEL WARNING;ALL,ART PAPER,T0.05,W240,L	1	SNA	
0.2		BN69-03982J	PACKING ANGLE;ALL,PAPER,-,-,-,-,-,-	1	SNA	
0.2		BN69-05418M	WRAP;T0.017,500,2000000,2000000,500	0	SNA	
0.2		BN69-06640E	PAD-PACKING;TRUCK PAD,CB,-,W410,L2500,,	1	SNA	
0.2		BN69-06642B	PAD-DP SHEET;PAD,CB,SW4,,W1500,L1100,,,	1	SNA	
0.2		BN69-13470A	CUSHION-SET SIDE;65KU6300,EPS,16.7g/l,WH	1	SNA	
..3		0103-005099	RESIN EPS;BASF303,Natural,Natural	1468	SNA	
0.2		BN69-13480A	CUSHION-SET;65KU6300,EPS,16.7g/l,WHT,V-S	1	SNA	
0.2		BN69-13942X	PALLET-WOODEN;65" KU6100,WOOD,-,W1150,L1	1	SNA	

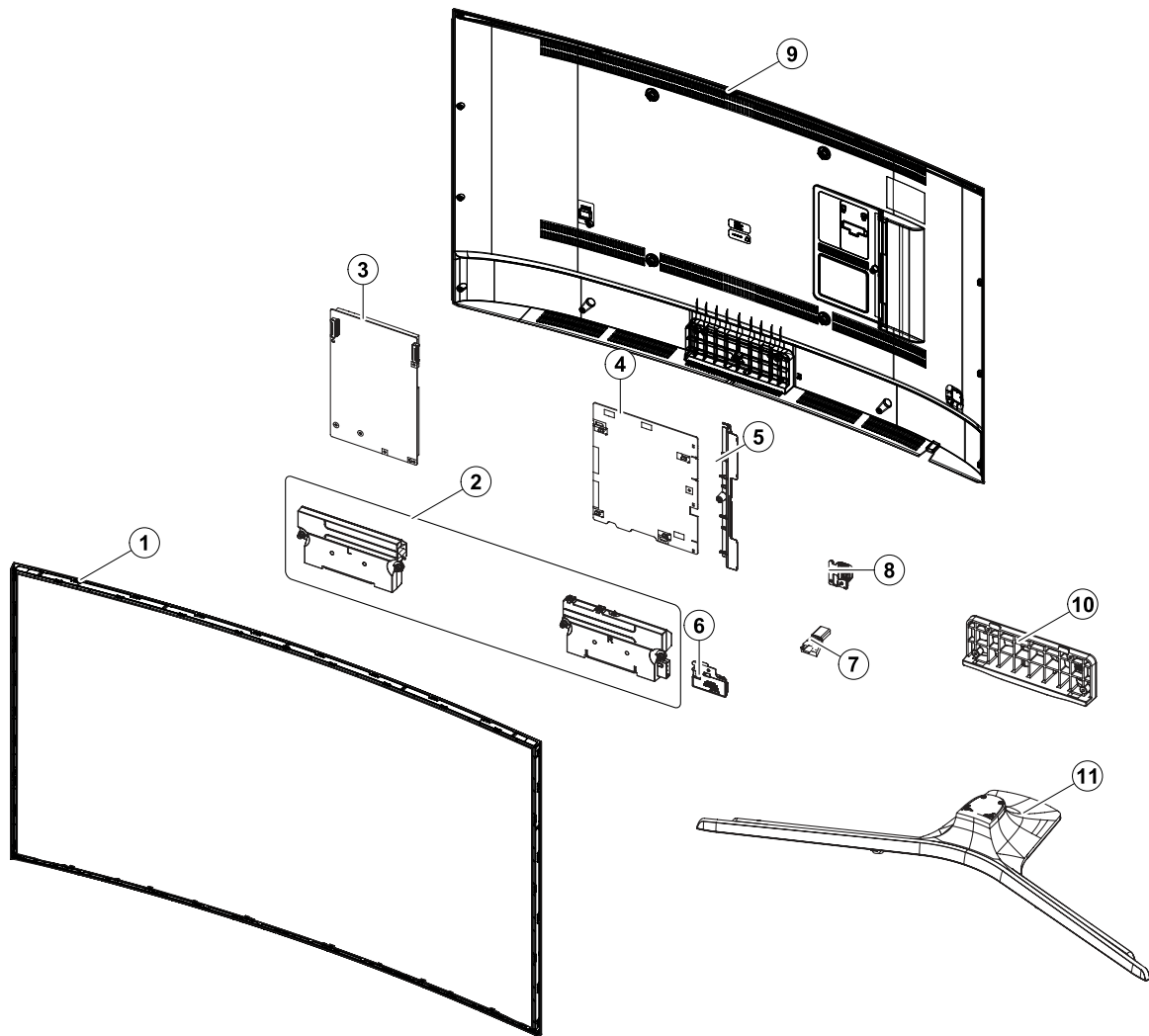
Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
0.2		BN69-14366B	PAD-CUSHION FRONT;65KS9800,CB,DW2+EPS,W7	1	SNA	
1	ACCE1	BN92-20193D	ASSY ACCESSORY;LEDTV 6K	1	SNA	
0.2	ACCE2	BN96-35677G	ASSY ACCESSORY-CABLE;LED_J6K	1	SNA	
..3		3709-001791	CONNECTOR-CARD SLOT;64P,0.5mm,SMD-A,AU,P	1	SA	
..3	T0268	3903-001118	CBF-POWER CORD;DT,EU,Angle,2P(C7),250V,2	1	SA	
..3		4301-000121	BATTERY-MN;1.5V,R03,10.5x44.5m,7.5g,AAA	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		BN59-01247A	REMOCON-TV;2016 TV,Samsung,44KEY,3V,KU60	1	SA	
..3	EH03A	BN96-36071D	ASSY HOLDER P-RING;LED JU6700,JU650,W/W,	1	SNA	
...4		6902-002497	BAG ZIPPER;LDPE,T0.05,W100,L250,TRP,RECY	1	SNA	
...4	AH365	BN61-11938A	HOLDER-WALL RING;Y15 JU6510,ABS,MOLD,BK0	4	SNA	
....5		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	40	SNA	
0.2	ACCE4	BN96-39501H	ASSY ACCESSORY-MANUAL;LED_KU6300	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		BN68-07990E	MANUAL USERS;KU6300,XH,W/P,EURO B5	1	SNA	
1		BN92-20198J	ASSY LABEL;LEDTV 6K	1	SNA	
0.2		0203-001598	TAPE-FILAMENT;FILAMENT,#8915,T0.15,W12,L	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		BN68-07991T	LEAFLET-QUICK SETUP GUIDE;KU6300,EU,W/P,	1	SNA	
1	PANEL	BN95-02926A	PRODUCT LCD-AUO;CY- WK065HGAV1V,KU6300,Ba	1	SA	
0.2	SCREW	6001-003075	SCREW-MACHINE;BH,+,M3,L4,ZPC(WHT),SWRCH1	6	SA	
0.2	SCREW	6001-003079	SCREW-MACHINE;CH,+,M3,L6,ZPC(BLK),SWRCH1	8	SA	
0.2		BN68-05722A	LABEL-E PASS;POLYPROPYLENE,NON-COATING	1	SNA	
0.2		BN90-08328A	ASSY MISC-BLU;2016_LCM_BLU	1	SNA	
..3		BN61-11746A	DIFFUSER PLATE;15Y_J7.5K 65INCH_DIFFUSER	1	SNA	
..3		BN61-13706A	FRAME-MIDDLE TOP;65KU6300,TPV,HB,BK0008,	1	SNA	
..3		BN61-13711A	FRAME-MIDDLE LEFT RIGHT;65KU6300,TPV,HB,	2	SNA	
..3		BN61-13716A	FRAME-MIDDLE BOTTOM;65KU6300,TPV,HB,BK00	1	SNA	
..3		BN63-13490A	OPTICAL SHEET-REFLECTOR;15Y JU7.5K 65inc	1	SNA	
..3		BN63-14900A	OPTICAL SHEET-COMPLEX;15Y_JU6.7K_65inch_	1	SNA	
..3		BN63-14906A	OPTICAL SHEET-MLS;15Y_JU6.7K_65inch_PTD8	1	SNA	
..3		BN96-34807A	ASSY LED BAR P;65" UHD_L_SDC,CEM3,view	8	SNA	
..3		BN96-34808A	ASSY LED BAR P;65" UHD_R_SDC,CEM3,view	8	SNA	
..3		BN96-37583C	ASSY CHASSIS REAR P;65KU6300,EGI-SECC	1	SNA	
...4		0203-006897	TAPE-DOUBLE FACE;Si,T1,W10,L50,WHITE	1	SNA	
...4	SCREW	6001-003075	SCREW-MACHINE;BH,+,M3,L4,ZPC(WHT),SWRCH1	1	SA	
...4		BN02-00040C	TAPE DOUBLE FACE;F-LED ALL,PET,T0.3,W3,L	8	SNA	
...4		BN02-00173C	TAPE-POLY;PET,T0.05,W40,BLACK	0	SNA	
...4		BN61-11508A	SUPPORT-PLATE;Y15 LED,PC,V-2,CLEAR,OD-19	26	SNA	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...4		BN61-11757A	FRAME-CHASSIS REAR TOP;Y15 7.5K AUO 65",	1	SNA	
...5		0103-007683	RESIN PC;LS-3104G,W9225,WT0034,3.0mm V-2	493	SNA	
...4		BN61-11758A	FRAME-CHASSIS REAR BOTTOM;Y15 7.5K AUO 6	1	SNA	
...4		BN61-11759A	FRAME-CHASSIS REAR LEFT RIGHT;Y15 7.5K A	2	SNA	
...4		BN61-11793A	HOLDER-SOURCE PCB;Y15 7.5K 65" AUO,ABS,M	2	SNA	
...5		0103-004618	RESIN ABS;HF-0680U,W91902,WT0034,1.5mm H	2	SNA	
...4		BN61-14348A	HOLDER-SOURCE PCB;65KU6300,ABS,MOLD,GY00	6	SNA	
...4		BN62-00690C	INSULATOR-SMPS;JU7500,PC,BLACK,L405,W255	1	SNA	
...4		BN63-14962A	GASKET-EMI;GASKET,FABRIC,T8,W15,L5,BLACK	2	SNA	
...4		BN63-15006A	GASKET-ESD;GASKET,FABRIC,T7,W15,L15,BLAC	2	SNA	
...4		BN63-15009A	GASKET-ESD;GASKET,FABRIC,T9,W15,L25,BLAC	2	SNA	
...4	CC04	BN64-02977B	CHASSIS-REAR;65KU6300,EGI-SECC,PRESS,T1,	1	SNA	
...5	CB20	BN61-11982B	BRACKET-WALL;55KS7000,CR-SPCC,EXTRUSION,	4	SNA	
...4	RF01	BN67-00474B	FOOT-RUBBER;PE400,Si,GRAY,W8,L30,T5	2	SNA	
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA	
...4		BN96-34712A	ASSY PCB P-LED INTERFACE BOARD;65JU6400,	1	SNA	
0.2		BN96-35625B	ASSY COVER P-SOURCE PCB RIGHT;65KU6300,E	1	SNA	
..3		BN02-00352A	TAPE PET;Y12 F-LED,PET,T0.05,W30,L40,BLA	1	SNA	
..3		BN62-00721A	INSULATOR-SOURCE PCB RIGHT;Y15 U7.5K,PC,	1	SNA	
..3		BN63-13592B	COVER-SOURCE PCB RIGHT;65KU6300,EGI-SECC	1	SNA	
0.2		BN96-35626B	ASSY COVER P-SOURCE PCB LEFT;65KU6300,EG	1	SNA	
..3		BN60-00554R	SPACER-SILICONE;Y15 VD,Si,L10,ID3,BLACK,	6	SNA	
..3		BN62-00722A	INSULATOR-SOURCE PCB LEFT;Y15 U7.5K,PC,B	1	SNA	
..3		BN63-13591B	COVER-SOURCE PCB LEFT;65KU6300,EGI-SECC,	1	SNA	
0.2		BN96-37582G	ASSY CHASSIS FRONT P;65KU6300,PC+ABS+MF1	1	SA	
..3		BN60-01319B	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC,L17,	3	SNA	
..3		BN60-01329A	SPACER-CONDUCTIVE;Y15_LED,PE FOAM,L1435,	2	SNA	
..3		BN60-01330A	SPACER-CONDUCTIVE;Y15_LED,PE FOAM,L805,G	2	SNA	
..3		BN63-14373H	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3		BN63-14373J	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	2	SNA	
..3		BN63-14373L	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3	AC155	BN64-03217G	CHASSIS-FRONT;65KU6300,PC+ABS+MF15%,V-1,	1	SNA	
0.2		BN96-39238A	ASSY OPEN CELL;T650QVR05.1,16:9,16	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		BN81-13127A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,46	1	SNA	
..3		BN81-13128A	A/S-POLARIZER CF;POLARIZER CF,66.C4U57.3	1	SNA	
..3		BN81-13129A	A/S-POLARIZER TFT;POLARIZER TFT,66.T4U58	1	SNA	
..3		BN81-13130A	A/S-SOURCE PCB FRONT LEFT;SOURCE PCB FRO	1	SNA	
..3		BN81-13131A	A/S-SOURCE PCB FRONT RIGHT;SOURCE PCB FR	1	SNA	
..3		BN81-13132A	A/S-SOURCE PCB BACK LEFT;SOURCE PCB BACK	1	SNA	
..3		BN81-13133A	A/S-SOURCE PCB BACK RIGHT;SOURCE PCB BAC	1	SNA	

ANNEX. Exploded View & Part List [UE49KU6172UXXH FA01]

1-1. Exploded View



1-1-1. Parts List

No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1	BN95-02922A	PRODUCT LCD-SDC; CY-WK049HGLV1V,KU6300,B	1	SA	
2	BN96-35009B	ASSY SPEAKER P-FRONT; TV-SPK,JU6700,6ohm,	1	SA	
3	BN44-00807A	DC VSS-PD BOARD; L55S6_FHS,AC/DC,203W,100	1	SA	
4	BN94-10826L	ASSY PCB MAIN; LED 6K TV	1	SA	
5	BN63-15215A	COVER-TERMINAL SIDE; 55KU6000,HIPS,MOLD,H	1	SA	
6	BN59-01174D	NETWORK-WLAN CLIENT; WIDT30Q,58x31.45x8.5	1	SA	
7	BN96-39955B	ASSY BOARD P-IR; KU6300,IR ASSY_KU6300	1	SA	
8	BN96-35345B	ASSY BOARD P-FUNCTION JOG; JU7500,CT15SE	1	SA	
9	BN96-40740A	ASSY CHASSIS FRONT P; 49KU6300,PC+ABS+ED	1	SA	
10	BN96-36255G	ASSY GUIDE P-STAND; JU6670,V STAND,HIPS,B	1	SA	
11	BN96-38964A	ASSY STAND P-BOTTOM; J5500 48,PC+ABS+GF20	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
			UE49KU6172UXXH (FA01)			
1	S001A	BN90-07341A	ASSY STAND;UJ8X	1	SNA	
0.2	SG01A	BN96-36255G	ASSY GUIDE P-STAND;JU6670,V STAND,HIPS,B	1	SA	
..3	SG03	BN61-11965A	GUIDE-STAND;JU6740,PC+GF20%,MOLD,V-2,BK0	1	SA	
...4		0103-007285	RESIN PC;HF3200H,K21294,BK0007,V-2	250	SNA	
..3		BN96-35528A	ASSY ACCESSORY-SCREW;JU7500,40	1	SNA	
...4		6902-002474	BAG SCREW;LDPE,T0.05*,W70,L90,TRP,RECYCL	1	SNA	
...4	HOLDER-BOLT	BN61-09494D	HOLDER-BOLT;KU6500,SWRCH18A,BLK,PRESS,B	8	SA	
0.2	SB04A	BN96-38964A	ASSY STAND P-BOTTOM;J5500 48,PC+ABS+GF20	1	SA	
..3		0203-001499	TAPE-OPP;OPP,T0.04,W15,N/A,CLEAR,ROLL	0	SNA	
..3	SCREW	6003-001001	SCREW-TAPTYPE;FH,+,B,M3,L8,ZPC(BLK),SW	2	SA	
..3	SCREW	6003-001239	SCREW-TAPTYPE;FH,+,B,M4,L10,ZPC(WHT),SWR	4	SA	
..3	SCREW	6003-001315	SCREW-TAPTYPE;BH,+,B,M4,L20,ZPC(WHT),SWR	4	SNA	
..3		BN61-07463B	TAPE-DOUBLE FACE;ACRYL,T0.25,W7,CLEAR	0	SNA	
..3		BN61-11431B	BRACKET-STAND BODY;Y15 F-LED J5100/5500	1	SNA	
..3		BN61-13134A	BRACKET-STAND BOTTOM;48J5500,HGI,T2	1	SNA	
..3	AS080	BN63-04755H	SHEET-PROTECTION COVER;52LC530,PE,T0.05,	1	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		BN63-13259E	COVER-STAND TOP;LED_J5500,PC+ABS+GF20%,M	1	SNA	
...4		0103-009946	RESIN PC ABS;HM-1200,BLACK,BK0007,V-1	360	SNA	
...4		BN68-00513D	LABEL-RESIN;resin,-,ART,-,W10,L25,-,-,-,	2	SNA	
..3	RF01	BN67-00327M	FOOT-RUBBER;STAND,Si,GRAY,W10,L10,T1.5	2	SNA	
..3	RF01	BN67-00398P	FOOT-RUBBER;UH6K,Si,GRAY,W8,L15.5,T2.5	5	SNA	
..3		BN95-02141A	ASSY COVER STAND SMT;J5500 STAND,48",LIG	1	SA	
...4		0203-007002	TAPE-SINGLE FACE;OPP,T0.06,W75,L66M,CLEA	0	SNA	
...4		0204-007315	COATING;UVICHEM CVM92000(VOC),13~15,CLEA	0	SNA	
...4		AA69-07323C	PACKING-SHEET SMT;HDPE,PE FOAM,T0.015,T1	1	SNA	
...4		AA69-07325Q	PAD-DP SHEET;CTV,CB,DW,W860,L520,YEL	1	SNA	
...4		AA69-07416E	MASTER BOX-DP;CB,DW,W325,H550	1	SNA	
...4		AA69-07495D	PAD-DP SHEET;CTV,CB,DW5,W860,L320,YEL	1	SNA	
...4		AA69-07509A	PAD-DP BOTTOM EPP;CTV,CB,W859,L520	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		BN63-13263A	COVER-STAND DECORATION;J5100/5500 48",PC	1	SNA	
...5		0103-005041	RESIN PC ABS;FR3200TV,901408,BK0008,1.2m	85	SNA	
...5		BN63-07556C	SHEET-PROTECTION COVER;TOC,PO,T0.068,W50	1	SNA	
...4		BN68-03920A	LABEL BOX;ALL,ART PAPER,W100,L75,W/W,100	1	SNA	
..3	T0382	BP61-00495C	TAPE SINGLE FACE;ACRYL,PJT,ACRYL FOAM,T0	0	SNA	
1	R001A	BN90-08281F	ASSY COVER REAR;LEDTV 6K	1	SNA	
0.2	SCREW	6001-003074	SCREW-MACHINE;BH,+,M3,L6,ZPC(BLK),SWRCH1	3	SA	
0.2	R001A	BN96-40433J	ASSY COVER P-REAR;49KU6300,PC+ABS+ED20%,	1	SA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..3	R001	BN63-15552D	COVER-REAR;49KU6300,PC+ABS+ED20%,MOLD ,V-	1	SNA	
...4		0103-010818	RESIN PC ABS;CM20G/BK00749,BLACK,BK0007,	2900	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		BN68-05603A	LABEL-E PASS;ART PAPER 90G,W/W	3	SNA	
..3		BN68-07835C	LABEL-STICKER LICENSE;40K5500,PET,T0.125	1	SNA	
1		BN90-08340A	ASSY W/I;UKU6300G	1	SNA	
0.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA	
0.2		BN81-11259W	A/S PART SET-MECH W/I;UKU6300G,U49KG*	1	SNA	
1	M0017	BN91-17361L	ASSY CHASSIS;LED TV 6K	1	SNA	
0.2	M0014	BN94-10826L	ASSY PCB MAIN;LED 6K TV	1	SA	
..3		AH63-02994A	GASKET;DA-E750,Conductive Fabric,1,10,15	1	SNA	
..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		BN97-10959A	ASSY SMD;LED 6K	1	SNA	
...4		0202-001899	SOLDER-CREAM;M705-GRN360-K2-VT,20-38um,S	5	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,S OD	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	
...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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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	2	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-POSIFIXED REG.;S-13A1D12-E800,HSOP,8	1	SNA	
...4		1203-008104	IC-POSIFIXED REG.;S-13A1D18-E800,HSOP,8	1	SNA	
...4		1203-008105	IC-POSIFIXED 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	SA	
...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,1608,TP,19V,200	2	SNA	
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	15	SA	
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	2	SA	
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA	
...4		2007-000039	R-CHIP;0ohm,1%,1/10W,TP,1608	8	SA	
...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	1	SA	
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	2	SA	
...4		2007-000910	R-CHIP;43Kohm,1%,1/10W,TP,1608	1	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	29	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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		2007-007231	R-CHIP;110Kohm,1%,1/10W,TP,1608	1	SA	
...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	2	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	7	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	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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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,T0.	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,T0	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,T0.	42	SA	
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	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	
...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%,6060,T4.5,0.02Ohm	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	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
...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-SCREWLESS PCB;55KS8000,SK5,T0.3,	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		BN97-10865A	ASSY MICOM-MAIN;T-JZL6DEUC,UWP60,KLM4G1F	1	SNA	
...5		1107-002374	IC-EMMC;KLM4G1FEPD-B031,4Gbyte,BGA,153P,	1	SNA	
...4		BN97-10918A	ASSY MICOM;TCON,KU6k,W25Q80DVSSIG,1107-0	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	
..3		BN97-11337A	ASSY MICOM;TCON DATA,KU6k,49-SDC-Curved,	1	SNA	
...4		BN46-00534A	S/W MICOM;K49A6U0C,SDC,49A6AU*RK,Curved	1	SNA	
1		BN91-17377A	ASSY SHIELD;LED TV 6K	1	SNA	
0.2	SCREW	6001-003081	SCREW-MACHINE;PWH,+,M3,L5,ZPC(WHT),SWR CH	5	SA	
0.2		BN02-00102B	TAPE-SINGLE FACE;FILAMENT,#8917,T0.15,W2	0	SNA	
0.2	12P	BN39-02025A	LEAD CONNECTOR- POWER;UN40JU6400AFXZA,UL2	1	SA	
0.2		BN39-02030E	LEAD CONNECTOR-BLU;BLU,UL21016,16P,80mm,	1	SA	
0.2	EC13	BN39-02218A	LEAD CONNECTOR-SUB ASSY;50KU6000,UL21016	1	SA	
0.2		BN39-02220B	LEAD CONNECTOR-SUB ASSY;50KU6300,UL21016	1	SA	
0.2	P001A	BN44-00807A	DC VSS-PD BOARD;L55S6_FHS,AC/DC,203W,100	1	SA	
0.2	WIFI	BN59-01174D	NETWORK-WLAN CLIENT;WIDT30Q,58x31.45x8.5	1	SA	
0.2		BN61-10073B	HOLDER-WIFI;55KU6000,ABS,MOLD,BK0007,HB	1	SNA	
0.2	SP01A	BN96-35009B	ASSY SPEAKER P-FRONT;TV-SPK,JU6700,6ohm,	1	SA	
0.2	JOG	BN96-35345B	ASSY BOARD P-FUNCTION JOG;JU7500,CT15SE8	1	SA	
..3	AH240	BN61-11584A	HOLDER-BUTTON;JU7500,ABS,MOLD,BK0007,HB	1	SNA	
..3	AH297	BN63-11231B	HOLDER-KNOB;HU7000,ABS,MOLD,BLACK,HB	1	SNA	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..3	FK04	BN64-02406B	BUTTON-FUNCTION;LED_HU7000,ABS,HB,BLACK,	1	SNA	
...4		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	8	SNA	
0.2		BN96-39822E	FFC CABLE;55KU6500,Fold,L450,96P	1	SA	
0.2		BN96-39823C	FFC CABLE;40KU6000,43KU6000,Fold,L600,96	1	SA	
0.2	FB10A	BN96-39955B	ASSY BOARD P-IR;KU6300,IR ASSY_KU6300	1	SA	
1		BN92-20181L	ASSY BOX;LEDTV 6K	1	SNA	
0.2		BH68-00662A	LABEL BOX;ALL,ART PAPER,W60,L110,WHT,NO	1	SNA	
0.2		BN68-05640A	LABEL BOX;ALL,ART PAPER,W110,L130,EUROPE	1	SNA	
0.2		BN69-14203S	BOX UNIT;49KU6100,CB,DW2,F1,L1300,W184,H	1	SNA	
1		BN92-20186A	ASSY P/MATERIAL;LEDTV 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-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	3	SNA	
0.2		BN68-02422B	LABEL WARNING;ALL,ART PAPER,T0.05,W240,L	1	SNA	
0.2		BN69-03982L	PACKING ANGLE;ALL,PAPER,-,-,-,-,-,-,-	1	SNA	
0.2		BN69-05418N	WRAP;T0.017,750,2000000,2000000,750	24	SNA	
0.2		BN69-06640E	PAD-PACKING;TRUCK PAD,CB,-,W410,L2500,,	1	SNA	
0.2		BN69-06642A	PAD-DP SHEET;PAD,CB,SW4,,W1300,L1050,,,,	1	SNA	
0.2		BN69-12145L	PALLET-DP WOODEN;UE48J5500,WOOD,-,W1160,	1	SNA	
0.2		BN69-13466A	CUSHION-SET SIDE;49KU6300,EPS,16.7g/l,WH	1	SNA	
0.2		BN69-13476A	CUSHION-SET;49KU6300,EPS,16.7g/l,WHT,V-S	1	SNA	
..3		0103-005099	RESIN EPS;BASF303,Natural,Natural	741	SNA	
0.2		BN69-13622D	PAD-CUSHION FRONT;49K6200,CB,DW2+EPE,W60	1	SNA	
1	ACCE1	BN92-20192H	ASSY ACCESSORY;LEDTV 6K	1	SNA	
0.2	ACCE2	BN96-35677B	ASSY ACCESSORY-CABLE;UE55KU6170UXXC	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		4301-000121	BATTERY-MN;1.5V,R03,10.5x44.5m,7.5g,AAA	2	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		BN59-01247A	REMOCON-TV;2016 TV,Samsung,44KEY,3V,KU60	1	SA	
..3		BN68-08097D	LEAFLET;JAZZ-L,EUROPE,W/P,W200,L250,4COL	1	SNA	
..3		BN68-08112A	LABEL-SECURITY;ALL,PET,T0.05,W55,L52,GLO	1	SNA	
..3		BN69-13918A	BAG ACCESSORY;LDPE,T0.07,L350,W500,TRP,B	1	SNA	
..3	EH03A	BN96-36071D	ASSY HOLDER P-RING;LED JU6700,JU650,W/W,	1	SNA	
...4		6902-002497	BAG ZIPPER;LDPE,T0.05,W100,L250,TRP,RECY	1	SNA	
...4	AH365	BN61-11938A	HOLDER-WALL RING;Y15 JU6510,ABS,MOLD,BK0	4	SNA	
....5		0103-004609	RESIN ABS;HF-0680U,K21294,BK0007,HB,High	40	SNA	
0.2	ACCE4	BN96-35701G	ASSY ACCESSORY-MANUAL;UE49KU6100WXXH	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		BN68-07990E	MANUAL USERS;KU6300,XH,W/P,EURO B5	1	SNA	

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
1		BN92-20198J	ASSY LABEL; LEDTV 6K	1	SNA	
0.2		0203-001598	TAPE-SINGLE FACE; FILAMENT, #8915, T0.15, W1	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		BN68-07991T	LEAFLET-QUICK SETUP GUIDE; KU6300, EU, W/P,	1	SNA	
1		BN95-02922A	PRODUCT LCD-SDC; CY-WK049HGLV1V, KU6300, Ba	1	SA	
0.2	SCREW	6001-003075	SCREW-MACHINE; BH, +, M3, L4, ZPC(WHT), SWRCH1	4	SA	
0.2	SCREW	6001-003079	SCREW-MACHINE; CH, +, M3, L6, ZPC(BLK), SWRCH1	2	SA	
0.2	AS080	BN63-07229A	SHEET-PROTECTION COVER; rose70", PET, T0.05	1	SNA	
0.2		BN68-05722A	LABEL-E PASS; POLYPROPYLENE, NON-COATING	1	SNA	
0.2		BN74-00053E	TAPE-SINGLE FACE; PAPER, 3M2307, T0.14, W20,	0	SNA	
0.2		BN90-08328P	ASSY MISC-BLU; 2016_LCM_BLU	1	SNA	
..3		BN61-13703A	FRAME-MIDDLE TOP; 49KU6300, TPV, HB, BK0008,	1	SNA	
...4		0103-010669	RESIN TPE; 5402PV/5409H, Black, BK0008, HB, T	115	SNA	
..3		BN61-13708A	FRAME-MIDDLE LEFT RIGHT; 49KU6300, TPV, HB,	2	SNA	
..3		BN61-13713A	FRAME-MIDDLE BOTTOM; 49KU6300, TPV, HB, BK00	1	SNA	
..3		BN61-14032A	DIFFUSER PLATE; CY-WK049HGLV1V, PS, KU6.3K	1	SNA	
..3		BN61-14033A	OPTICAL SHEET-COMPLEX; CY-WK049HGLV1V, PET	1	SNA	
..3		BN61-14034A	OPTICAL SHEET-MLS; CY-WK049HGLV1V, PET, KU6	1	SNA	
..3		BN61-14035A	OPTICAL SHEET-REFLECTOR; CY-WK049HGLV1V, P	1	SNA	
..3		BN96-40242A	ASSY CHASSIS REAR P; 49KU6300, EGI-SECC	1	SNA	
...4		0203-006897	TAPE-DOUBLE FACE; Si, T1, W10, L50, WHITE	1	SNA	
...4	SCREW	6001-003075	SCREW-MACHINE; BH, +, M3, L4, ZPC(WHT), SWRCH1	1	SA	
...4		BN02-00040C	TAPE DOUBLE FACE; F-LED ALL, PET, T0.3, W3, L	2	SNA	
...4		BN02-00102B	TAPE-SINGLE FACE; FILAMENT, #8917, T0.15, W2	0	SNA	
...4		BN02-00173C	TAPE-SINGLE FACE; PET, T0.05, W40, BLACK	0	SNA	
...4		BN02-00383A	TAPE SINGLE FACE; Y15 JU8K, PET, T0.5, W60, L	2	SNA	
...4		BN61-11508A	SUPPORT-PLATE; Y15 LED, PC, V-2, CLEAR, OD-19	12	SNA	
...4		BN61-11509A	HOLDER-SOURCE PCB; Y15 LED, ABS, MOLD, BLACK	8	SNA	
...4		BN61-13557A	BRACKET-WIRE; 55KS7000, SW-C, T1, 60, SILVER	2	SA	
...4		BN61-13830A	FRAME-CHASSIS REAR TOP; 49KU6300, PC+GF10%	1	SNA	
...4		BN61-13831A	FRAME-CHASSIS REAR BOTTOM; 49KU6300, PC+GF	1	SNA	
...4		BN61-13832A	FRAME-CHASSIS REAR LEFT RIGHT; 49KU6300, P	2	SNA	
...4		BN62-00690B	INSULATOR-SMPS; JU7500, PC, BLACK, L340, W255	1	SNA	
...4		BN63-14966A	GASKET-EMI; GASKET, FABRIC, T8, W20, L15, BLAC	2	SNA	
...4	CC04	BN64-03530A	CHASSIS-REAR; 49KU6300, EGI-SECC, PRESS, T0.	1	SNA	
...5		BN01-00417A	STEEL; 49KU6300, EGI-SECC, 0.6, 685, AG	3791	SNA	
...5	CB20	BN61-11982B	BRACKET-WALL; 55KS7000, CR-SPCC, EXTRUSION,	4	SNA	
...4	T0527	BN68-00513A	LABEL-E PASS; ALL MODEL, WW, YUPO, W50, L15, W	1	SNA	
...4		BN96-40782A	ASSY PCB P-LED INTERFACE BOARD; 49KU6300,	1	SNA	
..3		BN96-40632A	ASSY LED BAR P; 49KU6300_SDC_L, CEM3	6	SNA	
..3		BN96-40633A	ASSY LED BAR P; 49KU6300_SDC_R, CEM3	6	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	

ANNEX. Exploded View & Part List

Level	Location No.	Code No.	Description & Specification	Q'ty	SA/SNA	Remark
..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		BN96-40642A	ASSY COVER P-SOURCE PCB;49KU6300,EGI-SEC	1	SNA	
..3		BN63-15569A	COVER-SOURCE PCB;49KU6300,EGI-SECC,T0.6,	1	SNA	
..3		BN63-15963A	INSULATOR-SOURCE PCB COVER RIGHT;49KU630	1	SNA	
..3		BN63-15963B	INSULATOR-SOURCE PCB COVER LEFT;49KU6300	1	SNA	
0.2		BN96-40740A	ASSY CHASSIS FRONT P;49KU6300,PC+ABS+ED1	1	SA	
..3		BN60-01319B	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC,L17,	3	SNA	
..3		BN60-01323B	SPACER-CONDUCTIVE;49KU6300,CONDUCTIVE FA	2	SNA	
..3		BN60-01323C	SPACER-CONDUCTIVE;49KU6300,CONDUCTIVE FA	2	SNA	
..3		BN63-14373G	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3		BN63-14373J	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3		BN63-14373K	SHEET-PROTECTION COVER;LED_JU7000,PO,T0.	1	SNA	
..3	AC155	BN64-03531A	CHASSIS-FRONT;49KU6300,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



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

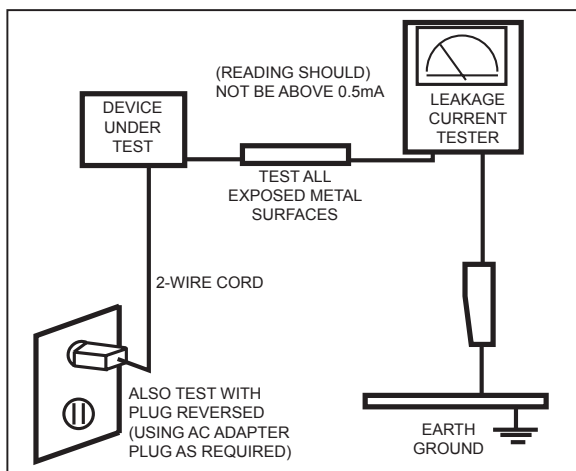
1-1-2. Servicing the LED TV

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 resistor/capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check:




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



An electrolytic capacitor installed with the wrong polarity might explode.



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



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

1-2-1. General Servicing Precautions

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

1-3. 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.



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

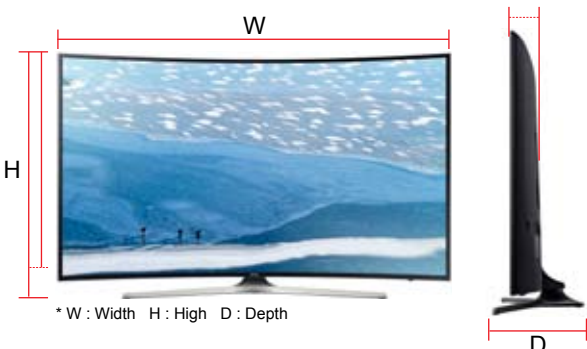

1. For safety reasons, more than a people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal 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

Model	UE**KU6172U		
Front View	<div></div>		
Detail View	<div></div>		
Front Color	Front Color : Black / Stand Type : V-Shape (Silver SMT)		
Dimension (WxHxD)	40"	Body	918.5 x 536.4 x 104.2 mm
		With stand	918.5 x 599.5 x 288.0 mm
	49"	Body	1104.1 x 639.9 x 119.1 mm
		With stand	1104.1 x 701.0 x 310.2 mm
	55"	Body	1241.7 x 718.6 x 111.9 mm
		With stand	1241.7 x 779.3 x 310.5 mm
65"	Body	1460.3 x 845.8 x 131.1 mm	
	With stand	1460.3 x 907.2 x 369.1 mm	
Weight	40"	Without Stand	8.1 kg
		With Stand	9 kg
	49"	Without Stand	12.3 kg
		With Stand	13.5 kg
	55"	Without Stand	16.2 kg
		With Stand	17.2 kg
65"	Without Stand	25.5 kg	
	With Stand	28.1 kg	

2-2. Detail Specification

Item		UE40KU6172UXXH
General Information	Product	LED
	Series	6
	Country	HUNGARY
	Platform(TV)	SoC Jazz-L
Display	Screen Size	40"
	Screen Size (cm)	101 cm
	Resolution	3,840 × 2,160
	Quantum Dot Display	N/A
	Ultra Black	N/A
	Screen Curvature	3000R
	10 bit Support	N/A
Video	Picture Engine	UHD Up-Scaling
	Motion Rate	N/A
	PQI (Picture Quality Index)	1400
	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	N/A
	Wide Color Enhancer (Plus)	N/A
	PurColor	Yes
	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	N/A
	BT Headset Support	N/A

Item		UE40KU6172UXXH
Smart TV	Samsung SMART TV	Yes
	Apps	Yes
	Games	N/A
	Cloud Game	Yes(FR,DE,ES,AT,CH)
	Billing	Yes(FR,DE,ES,CZ,SK,AT,CH,LV,LT,EE)
	Automated Content Recognition (ACR)	N/A
	Web Browser	Yes
Smart Interaction	Voice Recognition	N/A
Convergence	TV to Mobile - Mirroring	Yes
	Mobile to TV - Mirroring, DLNA	Yes
	Samsung SMART View	Yes
	Bluetooth Low Energy	N/A
	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	
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

2. Product specifications

Item		UE40KU6172UXXH
Design	Design	JU6700
	Bezel Type	VNB
	Slim Type	Slim
	Front Color	Black
	Light Effect (Deco)	N/A
	Stand Type	V-Shape (Silver SMT)
	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
	Embedded POP	Yes
	EPG	Yes
	Extended PVR	Yes(DE/AT/CH:N/A)
	Game Mode	Yes
	OSD Language	27 European Languages
	Picture-In-Picture	Yes
	BT HID Built-in	N/A
	USB HID Support	Yes
	Time Shift	Yes
	MBR Support	N/A
	Ultra Clean View	Yes
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A

Item		UE49KU6172UXXH
General Information	Product	LED
	Series	6
	Country	HUNGARY
	Platform(TV)	SoC Jazz-L
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	3000R
	10 bit Support	N/A
Video	Picture Engine	UHD Up-Scaling
	Motion Rate	N/A
	PQI (Picture Quality Index)	1400
	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	N/A
	Wide Color Enhancer (Plus)	N/A
	PurColor	Yes
	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	N/A
	BT Headset Support	N/A

2. Product specifications

Item		UE49KU6172UXXH
Smart TV	Samsung SMART TV	Yes
	Apps	Yes
	Games	N/A
	Cloud Game	Yes(FR,DE,ES,AT,CH)
	Billing	Yes(RO,BG,CZ,SK,LV,LT,EE)
	Automated Content Recognition (ACR)	N/A
	Web Browser	Yes
Smart Interaction	Voice Recognition	N/A
Convergence	TV to Mobile - Mirroring	Yes
	Mobile to TV - Mirroring, DLNA	Yes
	Samsung SMART View	Yes
	Bluetooth Low Energy	N/A
	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-T2C
	Analog Tuner	Yes
	2 Tuner	N/A
	CI (Common Interface)	CI+(1.3)
	Data Broadcasting	HbbTV 1.5(FR,ES,EE,HU) / HbbTV1.0(CZ,SK,PT,DE,AT,SZ,PL,BE,NL,LU)
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)/0
	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		UE49KU6172UXXH
Design	Design	JU6700
	Bezel Type	VNB
	Slim Type	Slim
	Front Color	Black
	Light Effect (Deco)	N/A
	Stand Type	V-Shape (Silver SMT)
	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
	Embedded POP	Yes
	EPG	Yes
	Extended PVR	Yes
	Game Mode	Yes
	OSD Language	27 European Languages
	Picture-In-Picture	Yes
	BT HID Built-in	N/A
	USB HID Support	Yes
	Time Shift	Yes
	MBR Support	N/A
	Ultra Clean View	Yes
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A

2. Product specifications

Item		UE55KU6172UXXH
General Information	Product	LED
	Series	6
	Country	HUNGARY
	Platform(TV)	SoC Jazz-L
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	4200R
	10 bit Support	N/A
Video	Picture Engine	UHD Up-Scaling
	Motion Rate	N/A
	PQI (Picture Quality Index)	1400
	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	N/A
	Wide Color Enhancer (Plus)	N/A
	PurColor	Yes
	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	N/A
	BT Headset Support	N/A

Item		UE55KU6172UXXH
Smart TV	Samsung SMART TV	Yes
	Apps	Yes
	Games	N/A
	Cloud Game	Yes(FR,DE,ES,AT,CH)
	Billing	Yes(FR,DE,ES,CZ,SK,AT,CH,LV,LT,EE)
	Automated Content Recognition (ACR)	N/A
	Web Browser	Yes
Smart Interaction	Voice Recognition	N/A
Convergence	TV to Mobile - Mirroring	Yes
	Mobile to TV - Mirroring, DLNA	Yes
	Samsung SMART View	Yes
	Bluetooth Low Energy	N/A
	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	
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

2. Product specifications

Item		UE55KU6172UXXH
Design	Design	JU6700
	Bezel Type	VNB
	Slim Type	Slim
	Front Color	Black
	Light Effect (Deco)	N/A
	Stand Type	V-Shape (Silver SMT)
	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
	Embedded POP	Yes
	EPG	Yes
	Extended PVR	Yes(DE/AT/CH:N/A)
	Game Mode	Yes
	OSD Language	27 European Languages
	Picture-In-Picture	Yes
	BT HID Built-in	N/A
	USB HID Support	Yes
	Time Shift	Yes
	MBR Support	N/A
	Ultra Clean View	Yes
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A

Item		UE65KU6172UXXH
General Information	Product	LED
	Series	6
	Country	HUNGARY
	Platform(TV)	SoC Jazz-L
Display	Screen Size	65"
	Screen Size (cm)	163 cm
	Resolution	3,840 × 2,160
	Quantum Dot Display	N/A
	Ultra Black	N/A
	Screen Curvature	4200R
	10 bit Support	N/A
Video	Picture Engine	UHD Up-Scaling
	Motion Rate	N/A
	PQI (Picture Quality Index)	1400
	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	N/A
	Wide Color Enhancer (Plus)	N/A
	PurColor	Yes
	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	N/A
	BT Headset Support	N/A

2. Product specifications

Item		UE65KU6172UXXH
Smart TV	Samsung SMART TV	Yes
	Apps	Yes
	Games	N/A
	Cloud Game	Yes(FR,DE,ES,AT,CH)
	Billing	Yes(FR,DE,ES,CZ,SK,AT,CH,LV,LT,EE)
	Automated Content Recognition (ACR)	N/A
	Web Browser	Yes
Smart Interaction	Voice Recognition	N/A
Convergence	TV to Mobile - Mirroring	Yes
	Mobile to TV - Mirroring, DLNA	Yes
	Samsung SMART View	Yes
	Bluetooth Low Energy	N/A
	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	
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		UE65KU6172UXXH
Design	Design	JU6700
	Bezel Type	VNB
	Slim Type	Slim
	Front Color	Black
	Light Effect (Deco)	N/A
	Stand Type	V-Shape (Silver SMT)
	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
	Embedded POP	Yes
	EPG	Yes
	Extended PVR	Yes
	Game Mode	Yes
	OSD Language	27 European Languages
	Picture-In-Picture	Yes
	BT HID Built-in	N/A
	USB HID Support	Yes
	Time Shift	Yes
	MBR Support	N/A
	Ultra Clean View	Yes
Eco Feature	Eco Sensor	Yes
	Energy Efficiency Class	A

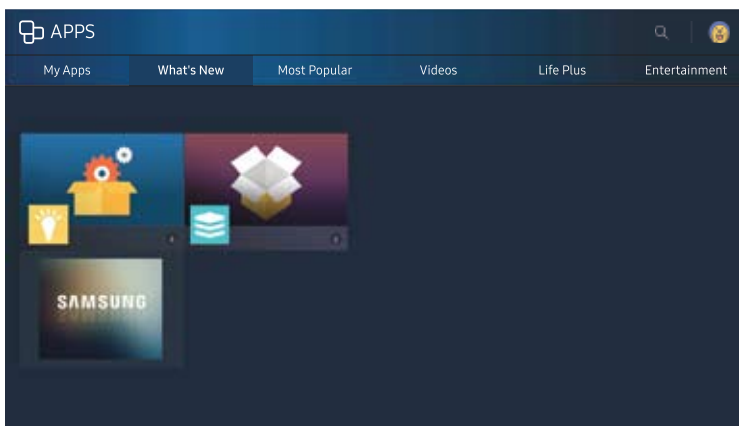
2-3. NEW Key Features

2-3-1. 16" New UI

■ Smart Hub

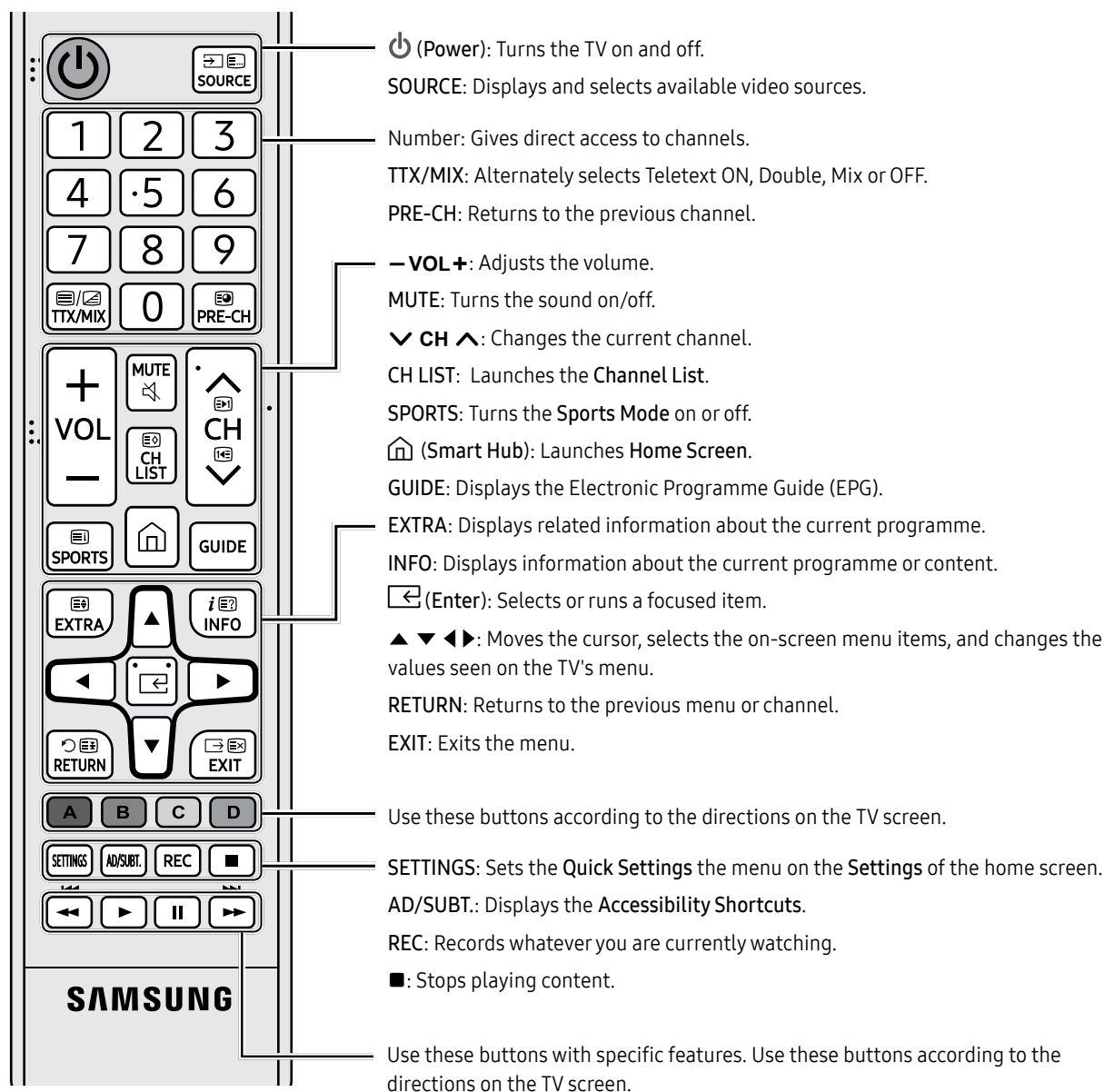


■ APPS Service



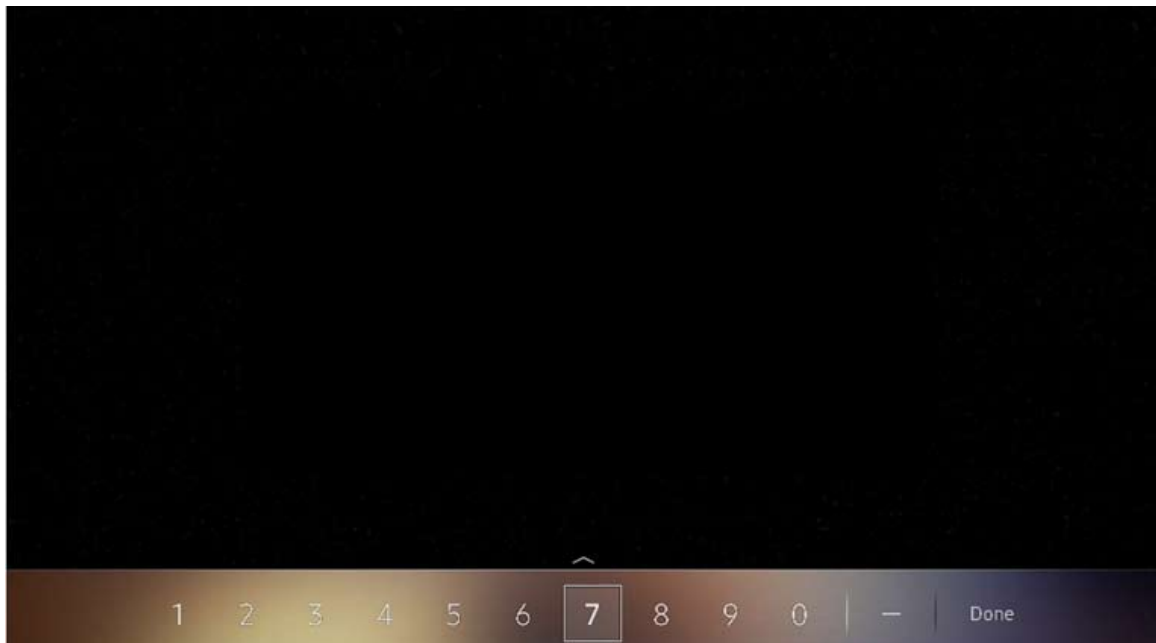
2-4. Remote Control

- This remote control has Braille points on the **Power**, **Channel**, **Volume** and **Enter** buttons and can be used by visually impaired persons.

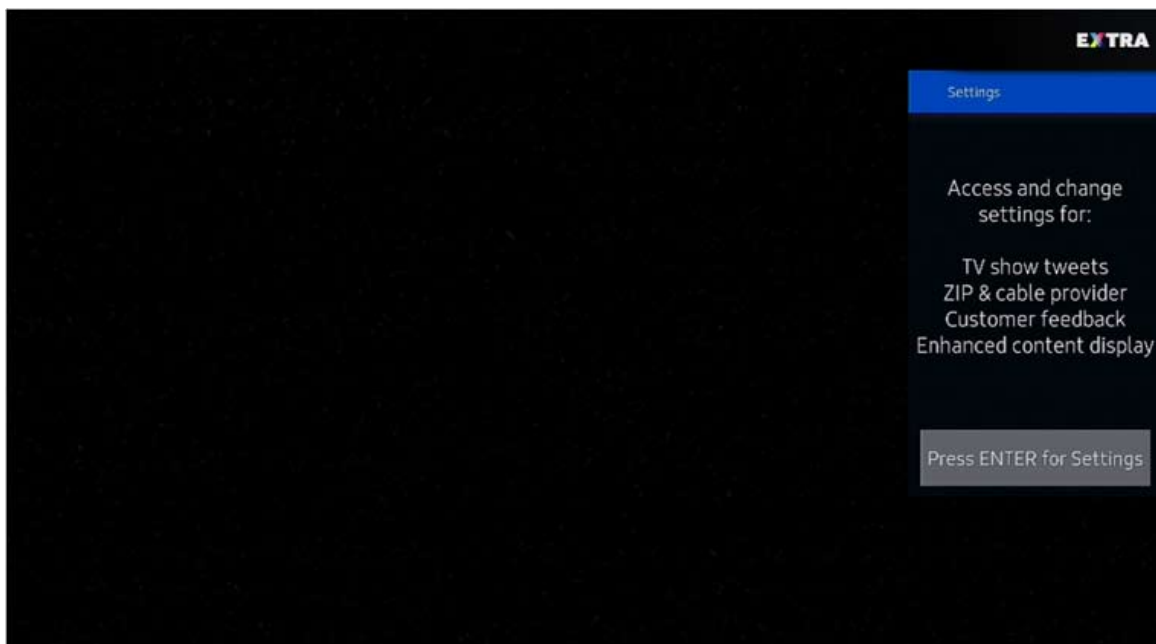


- The button names above may be differ from the actual names.

2-4-1. 123 Key



2-4-2. EXTRA Key



2-5. HDMI Color

2-5-1. HDMI UHD Color

- When you set the HDMI connection to On, the TV turns off and then on automatically.
- The HDMI connection with HDMI UHD Color set to Off supports up to UHD 50P/60P 4:2:0 input signals, while the HDMI connection with HDMI UHD Color set to On supports up to UHD 50P/60P 4:4:4 and 4:2:2 input signals. For more information, refer to "Supported Resolutions for UHD Input Signals."
- 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.
- When you connect the TV to an external device that supports only the UHD 24 or 30 Hz frequency or any FHD frequency, the HDMI UHD Color function may not be available. In this case, set HDMI UHD Color to Off.

2-5-2. HDMI Black Level

- This function is only available when the input signal, connected to the TV via an HDMI connector, is set to RGB444.

2-6. Supported Formats

2-6-1. Supported image formats and resolutions

File Extension	Type	Resolution
*.jpg *.jpeg	JPEG	15360x8640
*.png	PNG	4096x4096
*.bmp	BMP	4096x4096
*.mpo	MPO	15360x8640

2-6-2. Supported music formats and codecs

File Extension	Type	Codec	Note
*.mp3	MPEG	MPEG1 Audio Layer 3	-
*.m4a *.mpa *.aac	MPEG4	AAC	
*.flac	FLAC	FLAC	Supports up to two channels.
*.ogg	OGG	Vorbis	Supports up to two channels.
*.wma	WMA	WMA	WMA 10 Pro supports up to 5.1 channels. WMA lossless audio is not supported. Supports up to 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	

2-6-3. Supported video codecs

File Formats	Container	Video Codecs	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.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	4096 x 2160: 30 3840 x 2160: 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	3584 x 2160	30	80	
		MVC	1920x1080	60	20	
		DivX 3.11 / 4 / 5 / 6				
		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	
VP9	4096 x 2160			4096 x 2160: 60	40	
*.rmvb	RMVB	RV8/9/10 (RV30/40)	1920x1080	60	20	RealAudio 6

Other Restrictions



NOTE

- Codecs may not function properly if there is a problem with the content data.
- Video content does not play or does not 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 wrong, the Seek(Jump) function does 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 player.
- HEVC codec is only available in MKV / MP4 / TS containers.

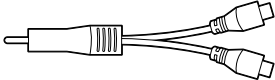
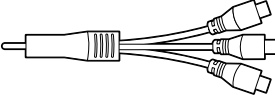


2-7. Accessories



NOTE

- The items' colors and shapes may vary depending on the model.
- Cables not included in the package contents can be purchased separately.
- The part code for some accessories may differ depending on your region.

Product	Code. No	Product	Code. No
• Remote Control	BN59-01247A	• User Manual	BN68-07990E
• Batteries (AAA x 2)	4301-000121	• Regulatory Guide	BN68-04972E
• Power Cord	3903-001118	• Warranty Card	BN68-03548J

Image	Product	Code. No
	• Component In	BN39-02190A
	• AV IN Adapter	BN39-02189A
	• Wall mount Adapter x 4ea	BN61-11938A
	• CI Card Adapter	3709-001791

4. Troubleshooting

4-1. How to Check Fault Symptom

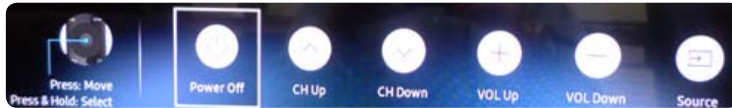
4-1-1. Power

■ 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 fuses 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

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/Main board.
3. If **LED** is **ON**
 - ✓ Switch Operation activates on screen display.



<On Screen Selections with Function Control>

If missing:

1. Check the STBY voltage from SMPS to Main Board. If STBY is OK suspect **Main Board**.
2. Check Jog Shuttle 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)



<Function/IR>

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 Voltage	8	LED_STB_OUT 1.7Vdc STBY
9	N/C	10	N/C
11	N/C	12	N/C



<Jog Function Switch>

P	CMD	Signal	DC Voltage
1	Center	Key 1	1.8V to 0 Vdc
2	Vol+	Key 2	1.8V to 1.0 Vdc
2	Vol-	Key 2	1.8V to 1.5 Vdc
2	CH+	Key 2	1.8V to 0 Vdc
2	CH-	Key 2	1.8V to 0.6 Vdc
3		GND	

■ SMPS POWER

1. Power TV On.

- ✓ **PS_ON**. 2Vdc (when off) changes to 3.3Vdc (on)
- May already be On if IoT USB is loaded or TV Smart Things Hub mode is active.

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.

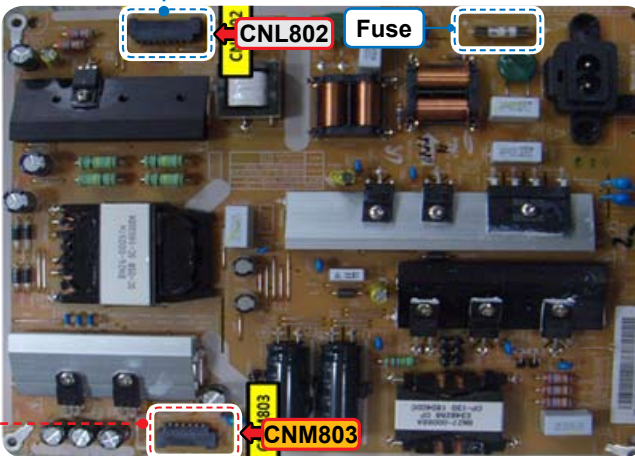
- ✓ **OD** (Over Voltage Detect) : 3.3Vdc (Operating Normal)

7. If 0V or changing, an SMPS or Panel error exists. Perform Backlight Test.

- ✓ **BLU_PWM** 0V- Off to approx 1 – 3.3 V pending Backlight dim level
- ✓ If missing/error replace **Main Board**.

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

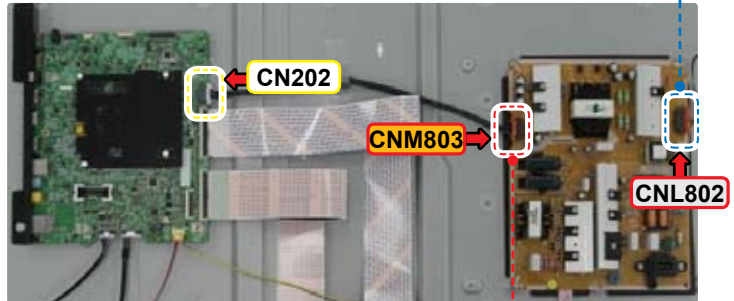
CNM803			
1	Fail Count	7	A13V
2	ANA-DIM	8	POWER_ON/OFF
3	A13V	9	A13V
4	OD_ON/OFF	10	GND
5	A13V	11	GND
6	BLU_PWM	12	GND



■ BACKLIGHTS

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

CNM803			
1	Fail Count	7	A13V
2	ANA-DIM	8	POWER_ON/OFF
3	A13V	9	A13V
4	OD_ON/OFF	10	GND
5	A13V	11	GND
6	BLU_PWM	12	GND



1. Activate Backlights Test:

- Disconnect Lead Cable from Main Board to Power Supply. (CN202)
- ✓ 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**.

For BACKLIGHT DIMMING PROBLEMS:

- Go to **Menu** → **Picture** → **Backlight** and vary level (0 – 20)
- If no backlight changes observed:
 - ✓ Panel Connector pin voltages and BLU_PWM voltages (CNM803) while changing backlight level.
- If Panel voltages don't change, and BLU_PWM changes, replace **SMPS**.
- If BLU_PWM doesn't change replace **Main/T-Con Board**.

4-1-2. Video

■ MAIN / T-CON Board

1. Main Board Section



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

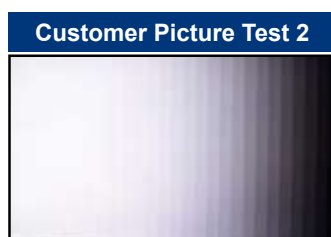
1. If OK:

- ✓ 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.**

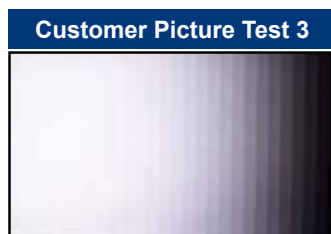
1. If OK:

- ✓ 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

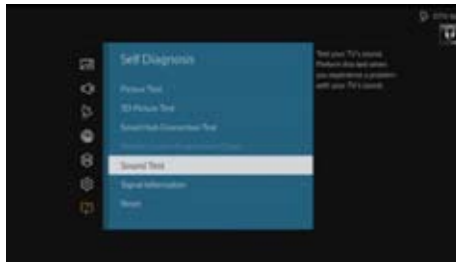


1. If Noisy:

- √ Panel (defective).

4-1-3. 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.

4-1-4. Network

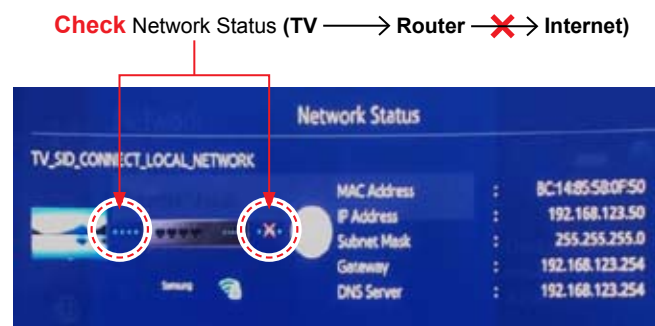


■ TV to Router "Failure"



- **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).

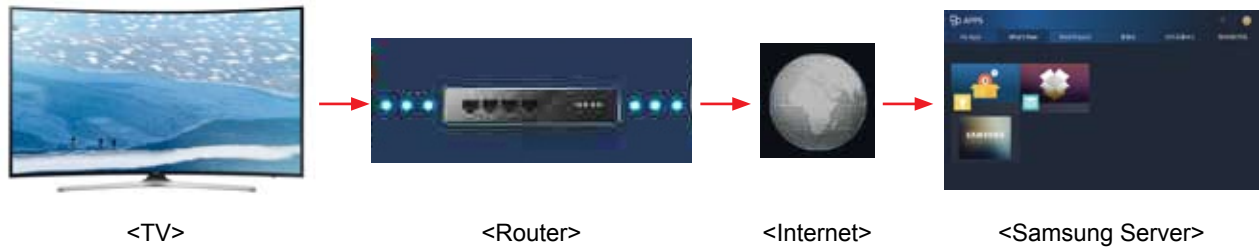
■ Router to Network "Failure"



- 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.

4-1-5. Smart Hub

Go to [Menu > Support > Self Diagnosis > Smart Hub Connection Test](#)



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 will 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.

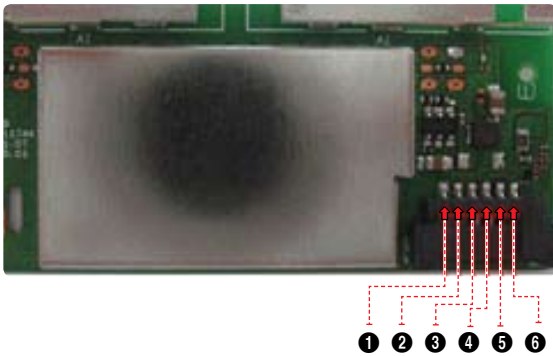
For Streaming Issues:

- 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.

4-1-6. WiFi Module

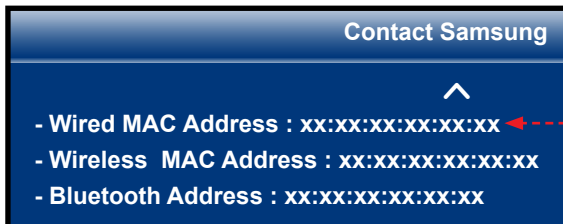


Pins	1	2	3	4	5	6
Standby	0	3Vdc	0	5Vdc VCC	3.3Vdc	N.C
Power ON	0	0.02V eff.dc Wifi Sig. (DP) 0.5Vp-p	0.02V eff.dc Wifi Sig. (DM) 0.5Vp-p	5Vdc VCC	3.3Vdc	



Pins #	Pin Name	Description	Type
①	GND	Ground	G
②	USB_DP	USB Interface	I/O
③	USB_DN	USB Interface	I/O
④	B+_5V	+5V DC power supply for SWL-R55	V
⑤	Wake up	Sleep/OFF to ON	I/O
⑥	NC	-	-

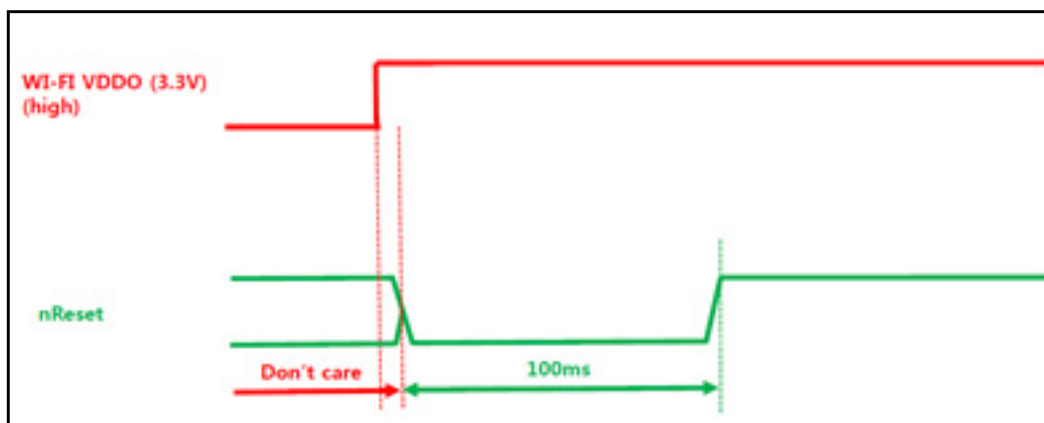
Go to [Menu > Support > Contact Samsung](#)



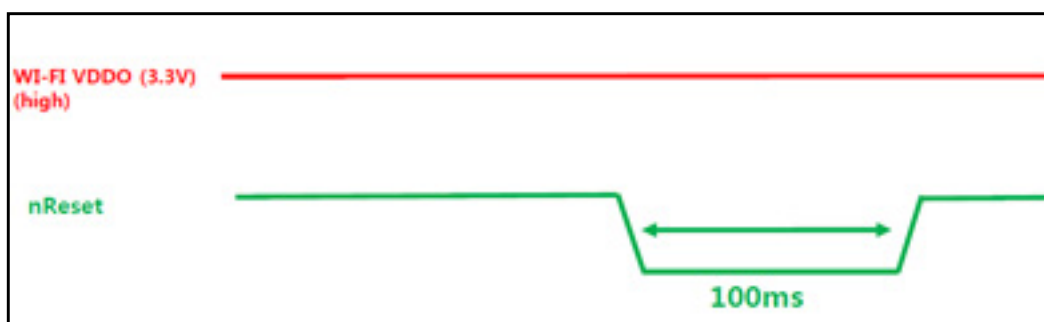
- Wired MAC Address (Missing or Error : Replace **Main Board**).
- **Wireless MAC Address**
- **Bluetooth Address**

- 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.

WI-FI VDDO OFF/ON reset timing



WI-FI VDD33 ON reset timing



4-2. Factory Mode Adjustments

4-2-1. Entering Factory Mode

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

■ 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 (SAMPLE)

MODE : CATV, RES : NOSIGNAL		✓ Testing Items
Option	T-JZL6DEUC-XXXX.XX	✓ Main SW Version
Control	T-JZMDEUS-XXXX	✓ Sub SW Version
Debug		
SVC	tztv-X.X.-main2016-jazz-L_XXXXXXX.X	
ADC/WB		
Advanced	BT Version : BLUETOOTH-VER-XXXX E-Manual:---- CAMERA:**** Blaster Version : Not support E-POP Version : JAZZLUHD-XXXX.X EDID SUCCESS HDCP SUCCESS CALIB : AV/COMP/PC/HDMI/ Option : NONE_16,NONE,6172,NONE DTCP Not Support FRC-[JAZZ-L?][NON FRC][HW:0x00] TCON Version:---- Model : KU6172Uxxx Wired MAC SUCCESS Wireless MAC SUCCESS WIFI Version : BCM43569_16210_WLC_E_ STATUS_ABORT CO NFO WO MO D/ HX P/ AO O S/ N/ RO SC/ SiO(P) NS// Factory Data Ver : XXX / Fixed Ver : XX EERC Version : 75 / WB Ver : 8 CPLD/LD : N/A SmartControl : 0 Board Info : 2015/12/29/PV/12/BN41-02528A Factory Reset In Production : ---- SID : ---- Date of purchase : --/--/----	✓ Wired MAC (Status) ✓ Wireless MAC (Wi-Fi Module) ✓ CO NFO WO. etc. <ul style="list-style-type: none"> • Certificate • Netflix • Wide Vine • etc. Status

4-2-2. 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**".

■ UE40KU6172UXXH

Inches		40"
		FA01
PANEL	Vendor	SDC
	Code	BN95-02921A
	Spec.	CY-WK040HGLV1V
SMPS BOARD	Vendor	DYREL
	Code	BN44-00806A
	Spec.	L40S6_FDY
MAIN BOARD	Chassis Ass'y	BN91-17245E
	PBA Ass'y	BN94-10769A
Byte	Item	
0	Factory Reset	-
1	Type	40A6AU0WK
2	Local set	EU
3	SW Model	UKU6300
4	BOM Model	6172
5	Tuner	-
6	Ch table	NONE
7	Front Color	U-C-KU63-40

■ UE49KU6172UXXH

Inches		49"
		FA01
PANEL	Vendor	SDC
	Code	BN95-02922A
	Spec.	CY-WK049HGLV1V
SMPS BOARD	Vendor	HANSOE
	Code	BN44-00807A
	Spec.	L55S6_FHS
MAIN BOARD	Chassis Ass'y	BN91-17361L
	PBA Ass'y	BN94-10826L
Byte	Item	
0	Factory Reset	-
1	Type	49A6AU0WK
2	Local set	EU
3	SW Model	UKU6300
4	BOM Model	6172
5	Tuner	-
6	Ch table	NONE
7	Front Color	U-C-KU63-49

■ UE55KU6172UXXH

Inches		55"	
		AA01	FA02
PANEL	Vendor	AUO	SDC
	Code	BN95-02924A	BN95-02923A
	Spec.	CY-WK055HGAV1V	CY-WK055HGLV1V
SMPS BOARD	Vendor	HANSOE	HANSOE
	Code	BN44-00807A	BN44-00807A
	Spec.	L55S6_FHS	L55S6_FHS
MAIN BOARD	Chassis Ass'y	BN91-17362L	BN91-15499F
	PBA Ass'y	BN94-10827L	BN94-11378B
Byte	Item		
0	Factory Reset	-	
1	Type	55L6AU0WK	55A6AU0WK
2	Local set	EU	
3	SW Model	UKU6300	
4	BOM Model	6172	
5	Tuner	-	
6	Ch table	NONE	
7	Front Color	U-C-KU63-55	

■ UE65KU6172UXXH

Inches		65"
		AA01
PANEL	Vendor	AUO
	Code	BN95-02926A
	Spec.	CY-WK065HGAV1V
SMPS BOARD	Vendor	SOLUM
	Code	BN44-00808D
	Spec.	L65S6N_FSM W
MAIN BOARD	Chassis Ass'y	BN91-17363J
	PBA Ass'y	BN94-10828H
Byte	Item	
0	Factory Reset	-
1	Type	65L6AU0WK
2	Local set	EU
3	SW Model	UKU6300
4	BOM Model	6172
5	Tuner	-
6	Ch table	NONE
7	Front Color	U-C-KU63-65

4-3-3. Factory Data

■ Option

Factory Menu Name		Data	Range
Factory Reset		-	
Type	40"	40A6AU0WK	
	49"	49A6AU0WK	
	55"	55L6AU0WK, 55A6AU0WK	
	65"	65L6AU0WK	
Local Set		EU	
SW Model		UKU6300	
BOM Model		6172	
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	

Factory Menu Name	Data	Range
Visual Test	Diabie	
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		

4. Troubleshooting

Factory Menu Name	Data	Range
Operation		
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	

Factory Menu Name	Data	Range
PEQ Test	Ready	
Speaker EQ	ON	
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	

4. Troubleshooting

Factory Menu Name	Data	Range
AP Vx1 SSC ON/OFF	ON	
AP Vx1 Value	12	
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	

Factory Menu Name	Data	Range
Netflix OSD Threshold	179	
TCON		
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	

4. Troubleshooting

Factory Menu Name	Data	Range
CES ATSC 3_0	OFF	
CES OOBE MVPD SUPPORT	OFF	
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	

Factory Menu Name	Data	Range
HDMI FLT CNT SIG	0ms	
HDMI FLT CND SIG2		
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	
REPEAAUDIO 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	

4. Troubleshooting

Factory Menu Name	Data	Range
Test Pattern		
Scaler Pattern	OFF	
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 FREPAIRING		
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		

Factory Menu Name	Data	Range
NTV CU UPDATE		
UD LDC PROFILE UPGRADE		
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 Calibration		
Comp Calibration		

4. Troubleshooting

Factory Menu Name	Data	Range
PC Calibration		
HDMI Calibration		
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		

Factory Menu Name	Data	Range
B2_Gain		
R3_Gain		
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		

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

■ **Advanced**

4-3. AV Control Tab

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		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

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE		Relax					0x07
	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
			Hlgh				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

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	Advanced Settings	Color Space Custom Color	Yellow				0x03
			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

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	Picture Option	Film Mode	Off			0x05	0x00
		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

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	Reset Picture	Reset Picture		0x0d	0x0b	0x00	0x00
	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

Control Item				Cmd1	Cmd2	Cmd3	Value
PICTURE	Pip	Size	Size2				0x01
			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

Control Item				Cmd1	Cmd2	Cmd3	Value
Sound		External Speaker					0x01
	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

4. Troubleshooting

Control Item		Cmd1	Cmd2	Cmd3	Value
	Mute (On/Off)	0xf0	0x02	0x00	0x00
	Channel Number	0xf0	0x03	0x00	0x00
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)

4-4. 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

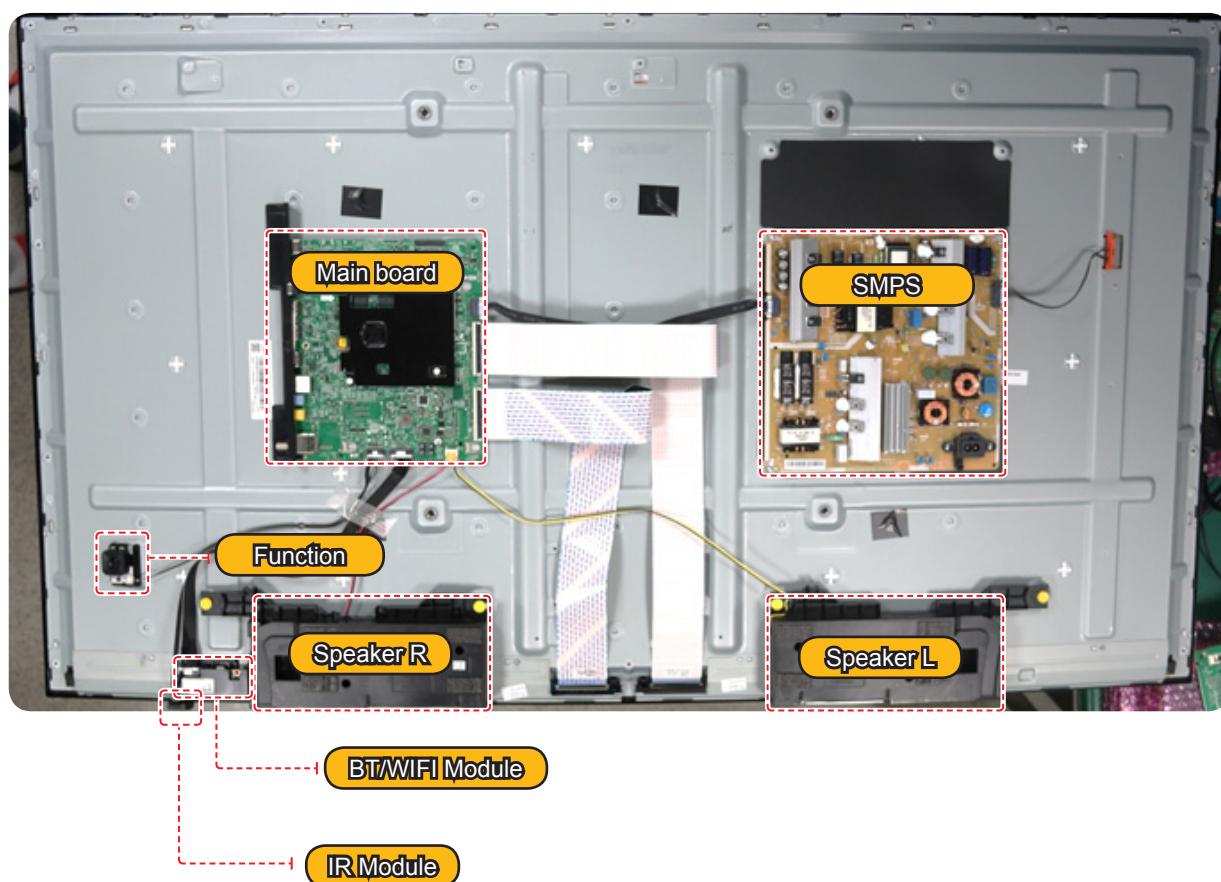
- [Settings](#) → [Support](#) → [Software Update](#) → [Auto Update](#)

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.

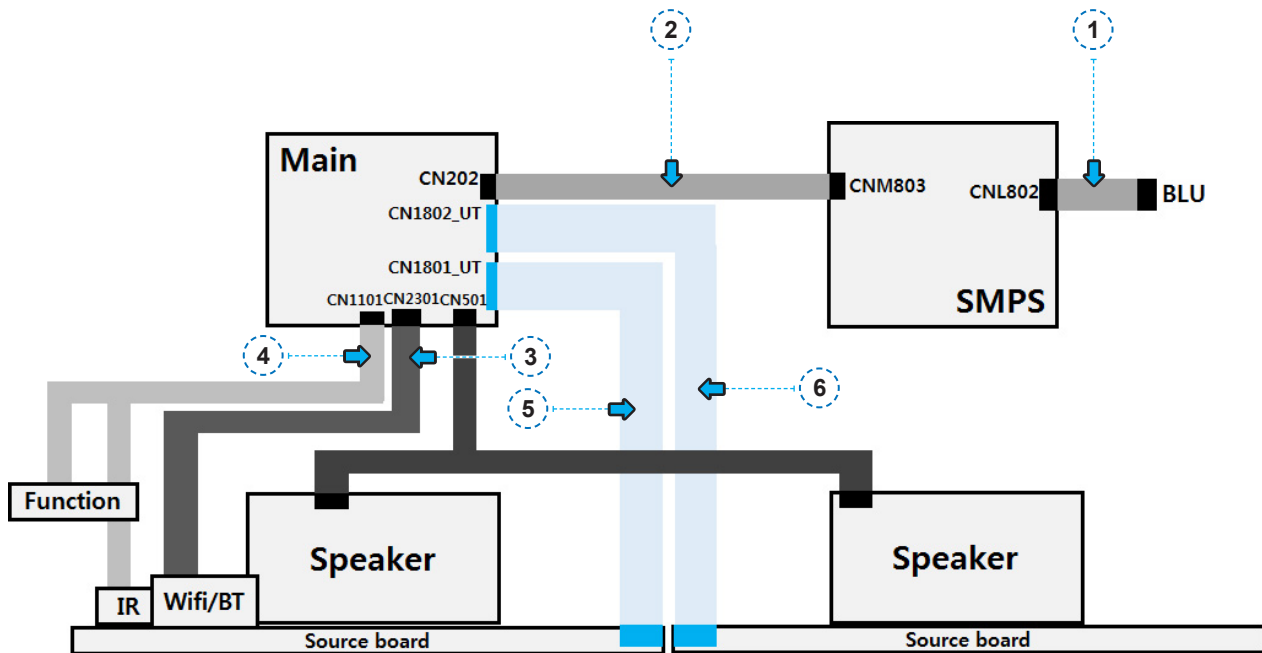
- This function may take a longer time if another network function is running concurrently.
- This function requires an Internet connection.
- If you agree to the Smart Hub terms and conditions, [Auto Update](#) is set to [On](#) automatically. If you do not want the TV's software to update itself automatically,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

5. Wiring Diagram

5-1. Layout



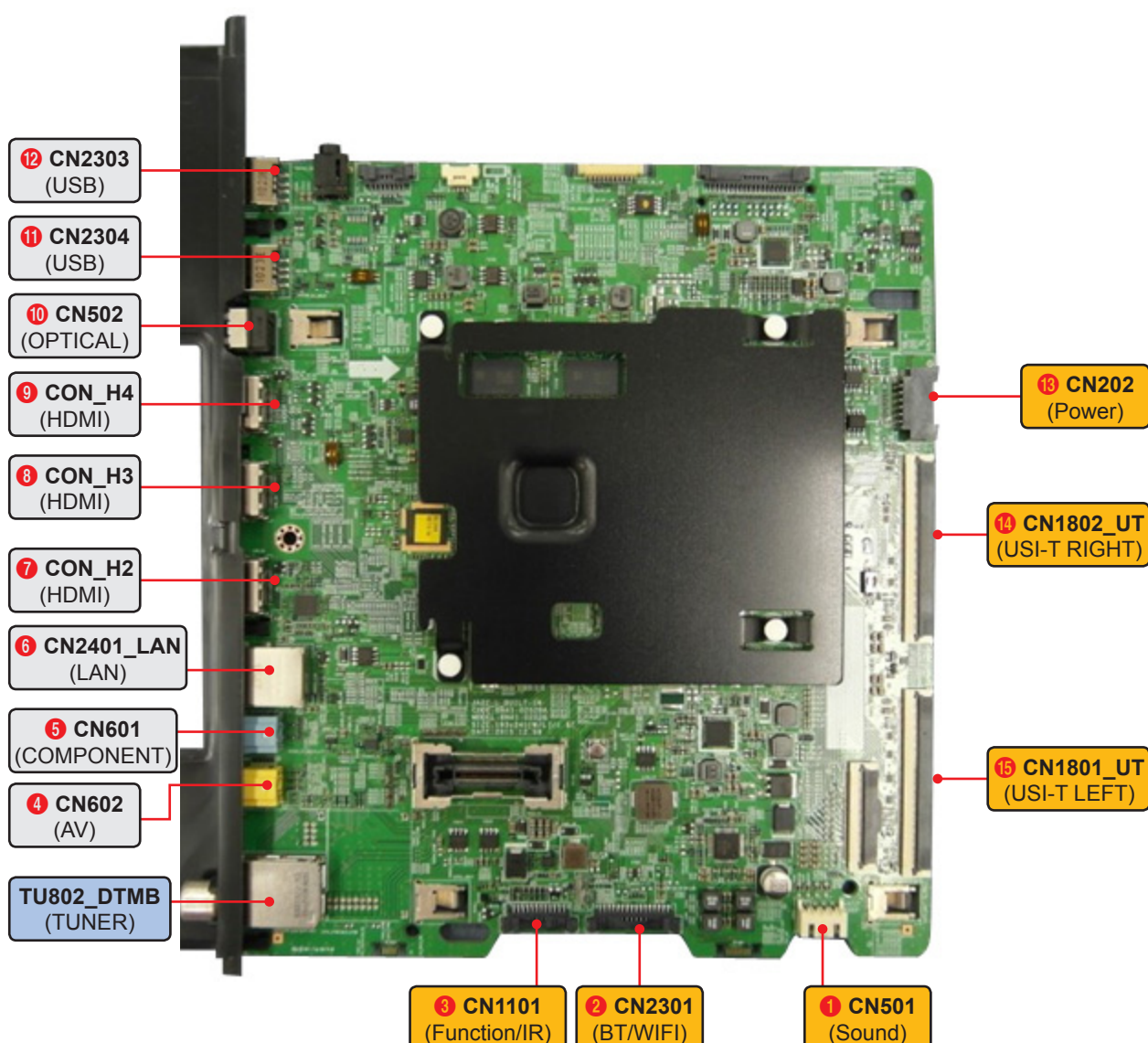
5-2. Wiring Diagram



Item			Part Code
①	LEAD CONNECTOR	Panel - SMPS Cable	40" : BN39-02030E 49" : BN39-02030E 55" : BN39-02030C 65" : BN39-02030C
②	LEAD CONNECTOR - POWER	SMPS - Main Cable	40" : BN39-02025A 49" : BN39-02025A 55" : BN39-02025D 65" : BN39-02025G
③	LEAD CONNECTOR - SUB ASSY	Main - WiFi Cable	40" : BN39-02218A 49" : BN39-02218A 55" : BN39-02218B 65" : BN39-02218C
④	LEAD CONNECTOR - SUB ASSY	Main - Function/IR Cable	40" : BN39-02220B 49" : BN39-02220B 55" : BN39-02220C 65" : BN39-02220D
⑤	FFC Cable	Main - Panel Cable	40" : BN96-40836A 49" : BN96-39822E 55" : BN96-39820D 65" : BN96-39823B
⑥	FFC Cable	Main - Panel Cable	40" : BN96-40835A 49" : BN96-39823C 55" : BN96-39903B 65" : BN96-39902A

5-3. Connector

■ Main Board



■ Main Board Pin Map

1 CN501 (SOUND)				2 CN2301 (BT/WIFI)			
1	OUT_C	3	OUT_D	1	BT_NRESET	9	WIFI_PHY_ON
2	OUT_A	4	OUT_B	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

5. Wiring Diagram

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

5. Wiring Diagram

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_DSIF_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