

# SAMSUNG

# UHD TV

Project : UTU7000K

Chassis : UWL00

Model : UN58TU7000F

UN65TU7000F

UN70TU7000F

UN75TU7000F

# *SERVICE* Manual

## UHD TV



UN\*\*TU7000F

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

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**GSPN (GLOBAL SERVICE PARTNER NETWORK)**

Area	Web Site
Europe, MENA, CIS, Africa	<a href="https://gspn1.samsungcsportal.com">https://gspn1.samsungcsportal.com</a>
E.Asia, W.Asia, China, Japan	<a href="https://gspn2.samsungcsportal.com">https://gspn2.samsungcsportal.com</a>
N.America, S.America	<a href="https://gspn3.samsungcsportal.com">https://gspn3.samsungcsportal.com</a>

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# 1. Precautions

## 1-1. Safety Precautions

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

### 1-1-1. Warnings



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

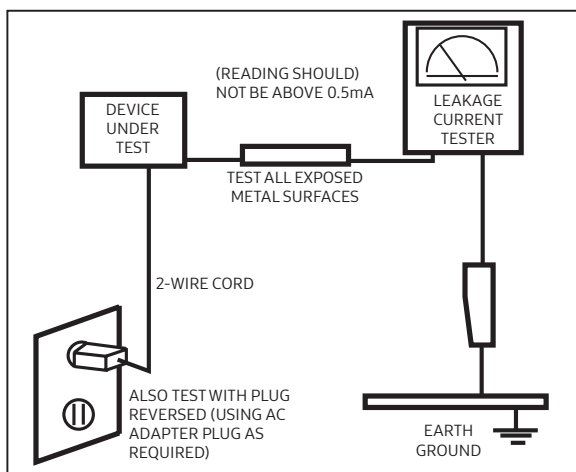
### 1-1-2. Servicing the LED TV

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.



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## 1-4. Installation Precautions

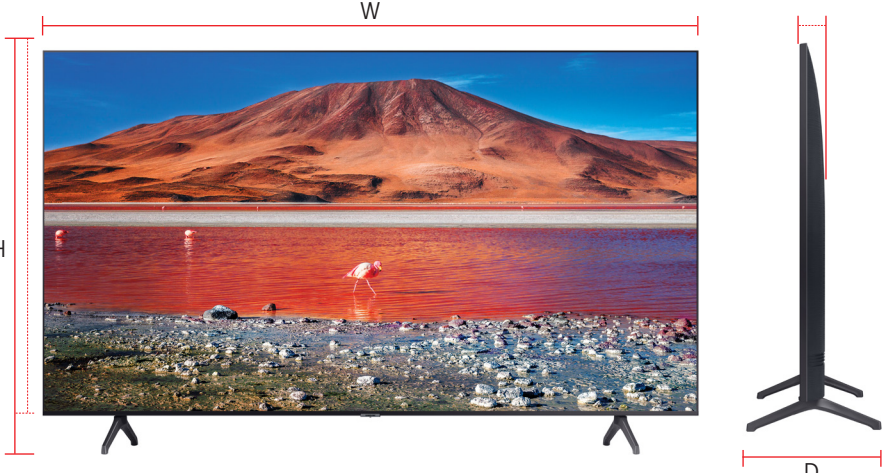

1. For safety reasons, more than a people are required for carrying the product.
2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.
3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal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

<p>Model</p>	<p>UN**TU7000F</p>
<p>Front View</p>	 <p>* W : Width H : High D : Depth</p>
<p>Detail View</p>	
<p>Color</p>	<p>Front : TITAN GRAY / Stand : TITAN GRAY / Deco : CARBON SILVER</p>

## 2-2. Specifications

Model Name	UN58TU7000	UN65TU7000
Display Resolution	3840 x 2160	3840 x 2160
Screen Size Diagonal Measured Diagonally	58" Class 57.5 inches	65" Class 64.5 inches
Sound (Output)	20 W	20 W
Dimensions (W x H x D) Body With Stand	50.8 x 29.5 x 2.4 inches (1291.0 x 748.6 x 59.9 mm) 50.8 x 32.3 x 9.8 inches (1291.0 x 819.4 x 249.7 mm)	57.1 x 32.7 x 2.4 inches (1449.4 x 830.3 x 59.9 mm) 57.1 x 35.6 x 11.2 inches (1449.4 x 905.2 x 283.5 mm)
Weight Without Stand With Stand	33.5 lbs (15.2 kg) 34.0 lbs (15.4 kg)	45.4 lbs (20.6 kg) 46.1 lbs (20.9 kg)
Model Name	UN70TU7000	UN75TU7000
Display Resolution	3840 x 2160	3840 x 2160
Screen Size Diagonal Measured Diagonally	70" Class 69.5 inches	75" Class 74.5 inches
Sound (Output)	20 W	20 W
Dimensions (W x H x D) Body With Stand	61.9 x 34.4 x 2.4 inches (1572.4 x 874.5 x 59.9 mm) 61.9 x 37.8 x 13.4 inches (1572.4 x 959.0 x 339.9 mm)	65.9 x 37.7 x 2.4 inches (1673.2 x 958.2 x 59.9 mm) 65.9 x 41.1 x 13.4 inches (1673.2 x 1043.0 x 339.9 mm)
Weight Without Stand With Stand	53.4 lbs (24.2 kg) 54.5 lbs (24.7 kg)	67.0 lbs (30.4 kg) 67.9 lbs (30.8 kg)

## 2-3. Other Information



### NOTE

Design and specifications are subject to change without prior notice.

Item		UN**TU7000FXZA			
General Information	Product	LED			
	Series	7			
	Country	UNITED STATES			
Display	<b>Screen Size</b>	58"	65"	70"	75"
	<b>Diagonal Screen Size</b>	57.5"	64.5"	69.5"	74.5"
	Resolution	3,840 x 2,160			
	Ultra Black	N/A			
	Screen Curvature	N/A			
Video	Picture Engine	Crystal Processor 4K			
	<b>Motion Rate</b>	MR120	MR120	MR120	MR120
	HDR (High Dynamic Range)	HDR			
	Compatible with HDR10+	Yes			
	HLG (Hybrid Log Gamma)	Yes			
	Contrast	Mega Contrast			
	Viewing Angle	N/A			
	Color	PurColor			
	Dual LED	N/A			
	Micro Dimming	N/A			
	Local Dimming	N/A			
	Auto Depth Enhancer	N/A			
	Contrast Enhancer	Yes			
	Auto Motion Plus	Yes			
	Film Mode	Yes			
Natural Mode Support	Yes				
Audio	Dolby Digital Plus	Yes			
	Dolby 5.1 Decoder	N/A			
	Object Tracking Sound	N/A			
	Q-Symphony	N/A			
	Dialog Enhancement	Yes			
	Audio Pre-selection Descriptor	N/A			
	Hole Array Speaker	N/A			
	Sound Output (RMS)	20W			
	Speaker Type	2CH			
	Woofers	N/A			

2. Product specifications

Item		UN**TU7000FXZA
<b>Audio</b>	Multiroom Link	Yes
	Bluetooth Audio	Yes
<b>Smart Service</b>	Samsung SMART TV	Smart
	Operating System	Tizen™
	Bixby	N/A
	Far-Field Voice Interaction	N/A
	Multi Voice Assistant	N/A
	Works with Google Assistant	Yes
	Works With Alexa	Yes
	TV Plus	Yes
	Web Browser	Yes
	SmartThings App Support	Yes
	SmartThings	N/A
	Samsung Health	N/A
	Universal Guide	Yes (US Only)
	Gallery	Yes
<b>Convergence</b>	TV to Mobile - Mirroring	N/A
	Mobile to TV - Mirroring, DLNA	Yes
	NFC on TV	N/A
	Tap View	Yes
	Digital Butler	N/A
	Multi-View	N/A
	Sound Wall	N/A
	Personal Screen	N/A
	Remote Access	Yes
	Camera Support	N/A
	360 Video Player	N/A
	360 Camera Support	N/A
	Bluetooth Low Energy	Yes
	WiFi Direct	Yes
	TV Sound to Mobile	Yes
	Sound Mirroring	Yes
<b>Tuner/ Broadcasting</b>	Digital Broadcasting	ATSC/ClearQAM
	Analog Tuner	Yes
<b>Connectivity</b>	HDMI	2
	USB	1
	Component In (Y/Pb/Pr)	N/A
	Composite In (AV)	N/A

Item		UN**TU7000FXZA
Connectivity	Ethernet (LAN)	Yes
	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
	HDMI A / Return Ch. Support	Yes
	eARC	Yes
	HDMI Quick Switch	Yes
	WiFi	Yes (WiFi5)
	Bluetooth	Yes (BT4.2)
	Anynet+ (HDMI-CEC)	Yes
Design	Design	New Bezel-less
	Bezel Type	3 Bezel-less
	Slim Type	Slim look
	Front Color	TITAN GRAY
	Light Effect (Deco)	N/A
	Stand Type	QUAD POD
	Stand Color	TITAN GRAY
Additional Feature	Adaptive Picture	N/A
	Active Voice Amplifier	N/A
	Adaptive Sound	Adaptive Sound
	AI Streaming	N/A
	AI Upscale	N/A
	Auto Rotation	N/A
	Art Mode (The Frame)	N/A
	Ambient Mode	N/A
	Brightness/Color Detection	Brightness Detection
	Portrait Mode	N/A
	Accessibility - Voice Guide	US English
	Accessibility - Learn TV Remote / Learn Menu Screen	US English
	Accessibility - Others	Enlarge / High Contrast / Multi-output Audio / Caption Moving / Separate Closed Caption
	Ultra Clean View	N/A
	Digital Clean View	Yes
	Auto Channel Search	Yes
	Auto Power Off	Yes
Caption (Subtitle)	Yes	

2. Product specifications

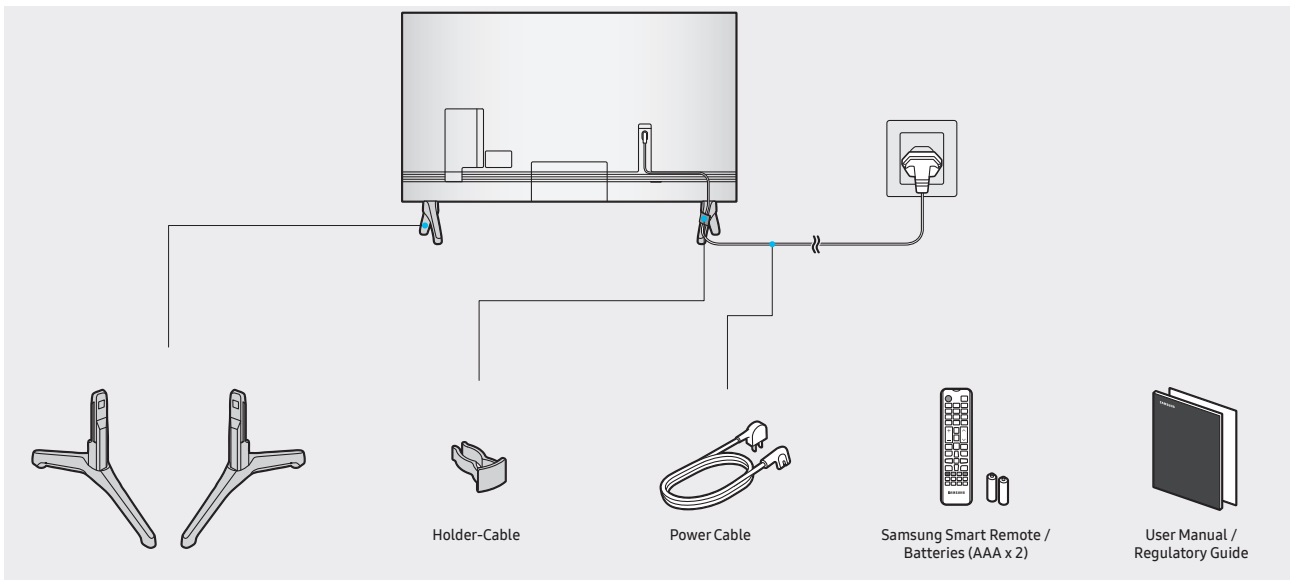
Item		UN**TU7000FXZA			
Additional Feature	Connect Share™ (HDD)	Yes			
	ConnectShare™ (USB 2.0)	Yes			
	EPG	Yes			
	Extended PVR	N/A			
	Game Mode	Yes (Auto Game Mode)			
	Freesync	N/A			
	G-SYNC	N/A			
	OSD Language	English, Spanish, French			
	BT HID Built-in	Yes			
	USB HID Support	Yes			
	V-Chip	Yes			
	IPv6 Support	Yes			
	MBR Support	Yes			
Eco Feature	Eco Sensor	Yes			
Power	Power Supply	AC110-120V 50/60Hz			
	<b>Power Consumption (Max)</b>	165 W	190 W	225 W	230 W
	Power Consumption (Stand-by)	0.5 W			
	<b>Power Consumption (Typical)</b>	70 W	73 W	94 W	94 W

## 2-4. 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.
- The provided accessories may vary depending on the model.



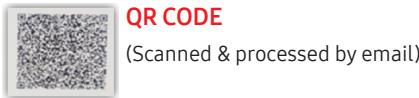
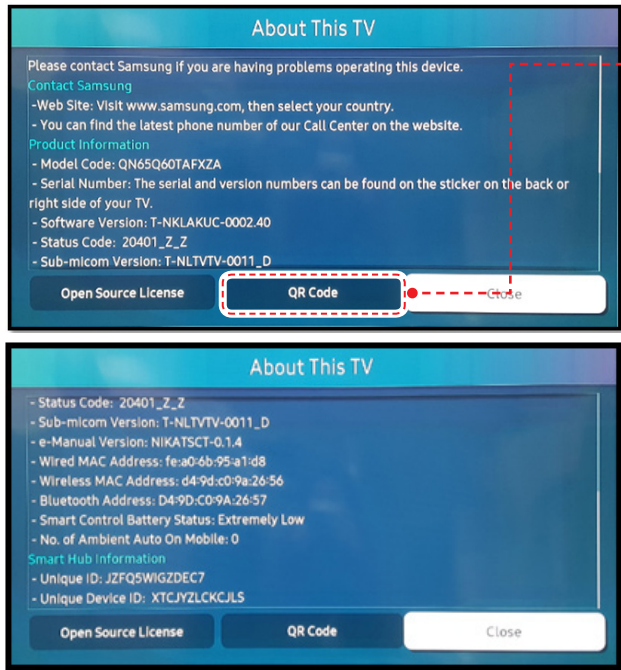
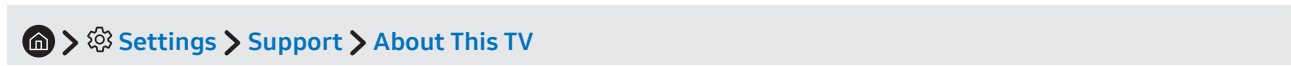
Product	Code. No	Product	Code. No
• Remote Control	BN59-01315J	• Power Cable	3903-001117 (58" / 65" / 70")
• Batteries (AAA x 2)	4301-000103		3903-001132 (75")
• User Manual	BN68-10302A		
• Warranty Card (BN68-10628A) / Regulatory Guide (BN68-09371A) (Not available in some locations)			



## 2-5. Key Features & Operation

### 2-5-1. 2020' About This TV

#### ■ Contact Samsung TV Info – “About This TV”



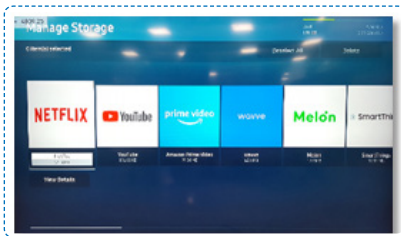
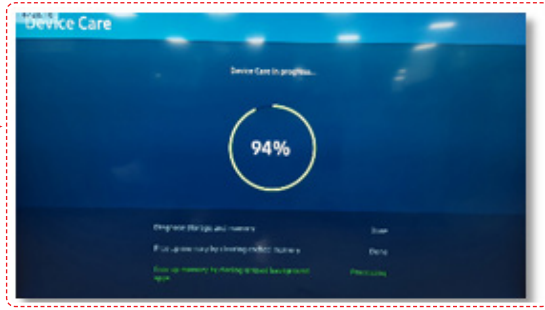
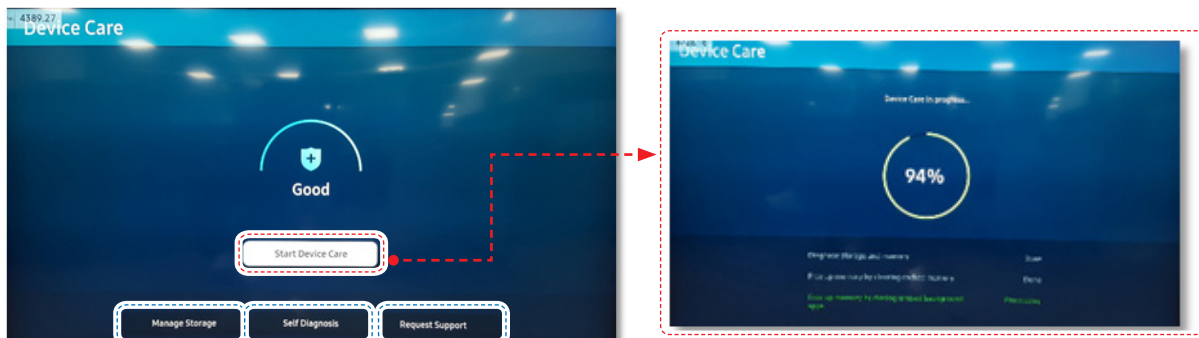
- MN : "Model Number"
- PD : "Purchase Date"
- SN : "Serial Number"
- FW : "Firmware"
- FC : "Firmcode"
- MI : "Model ID"
- LS : "Local Set"
- DI : "DUID"
- MA : "Wired MAC Address"
- VS : "Version"
- SC 10001\_Z\_Z\_Z

#### Important 2019/2020 TV Info:

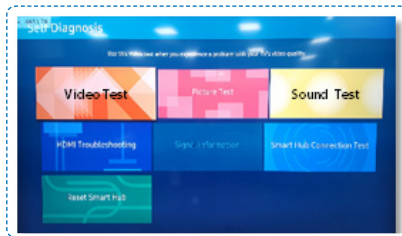
1. Model Code
2. Serial Number
3. TV Key Device
4. Software Version
5. Status Code
6. Sub-Micom Version
7. E-Manual Version
8. Wired Mac Address: If Missing replace Main Board
9. Wireless MAC Address: Verifies WiFi Operation
10. Bluetooth Address: Verifies Bluetooth operation
11. Smart Control Bluetooth Mac Address
12. Smart Control Battery Status
13. Ambient Mode Operation (Q Series TVs)
14. Smart Hub Information

## 2-5-2. New 2020' Device Care

Home > Settings > Support > Device Care



Manage Storage



Self Diagnosis



Request Support

## 2-6. Viewing the Functions

### 2-6-1. Find a variety of content with one remote (US)

**Smart Hub & One Remote Function (Availability of the feature may vary by region. Check before use.)**

All you need is one remote to discover tons of different kinds of content. From controlling your set-top box to game console, apps, and even live TV.

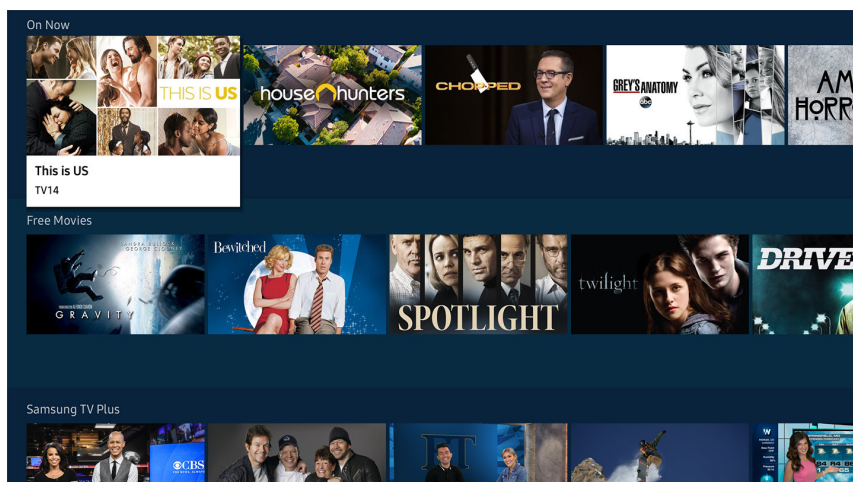


- Actual remote control may differ from image shown.
- Service may not be launched at the same time as Samsung TV, and the availability may vary by region.

### 2-6-2. Spend time watching, not searching (US)

**Universal Guide (Availability of the feature may vary by region. Check before use.)**

A curated list of content from broadcast and streaming channels, personalized to you. Now, it's easy to get to your favorite content easily, without having to open an app.



- Content services may vary by regions and are subject to change without notifications.

### 2-6-3. Fits with your home ecosystem

#### Works with

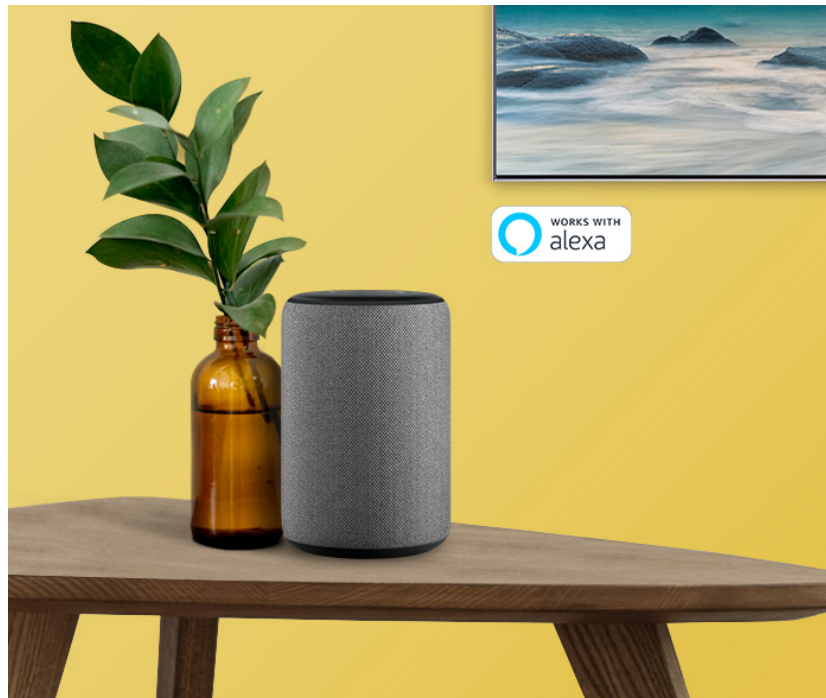
Make life more connected. Samsung TV works seamlessly with Amazon Alexa, Google Assistant and AirPlay 2.

- Some features and functions provided by connected devices may not be supported or limited to use.

### 2-6-4. Works with Amazon Alexa

#### Amazon Alexa

New Samsung TV works with Alexa so your life just got simpler. It's easy to connect your Alexa-enabled devices. With Samsung TV's compatibility, have Alexa turn on your TV, change channels, control volume, and more.



- Amazon, Alexa, and all related logos are trademarks of Amazon.com, Inc. or its affiliates.
- This service may not be available at the time of purchase of this product and the availability may vary by region.

## 2-6-5. Control your TV with the Google Assistant

### Google Assistant

Now Samsung TV works with your Google Assistant to get more done hands-free. Change channels, adjust the volume, control playback and more with just your voice.

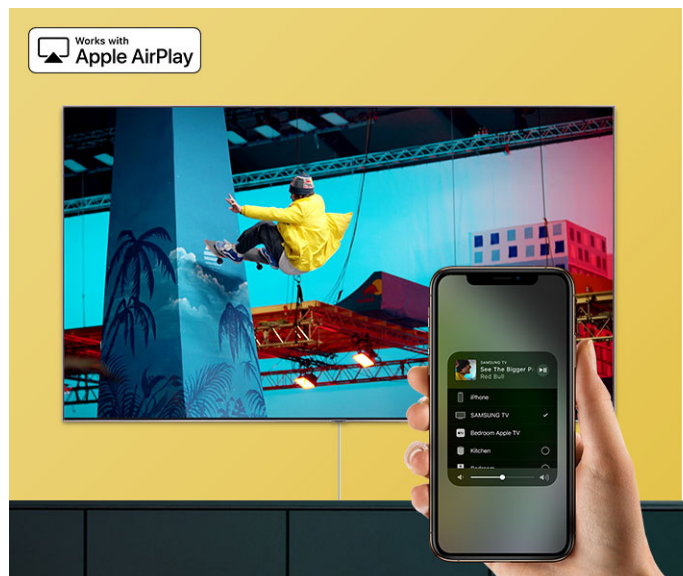


- Google and Google Home are trademarks of Google LLC.
- This service may not yet be available at the time of purchase of this product.
- Turn-on TV feature support may vary by model.

## 2-6-6. Works with AirPlay 2

### AirPlay 2

With AirPlay 2 built in, you can stream or share content from Apple devices to the big screen. Effortlessly play videos, music, photos and more from your iPhone, iPad and Mac on your Samsung TV.

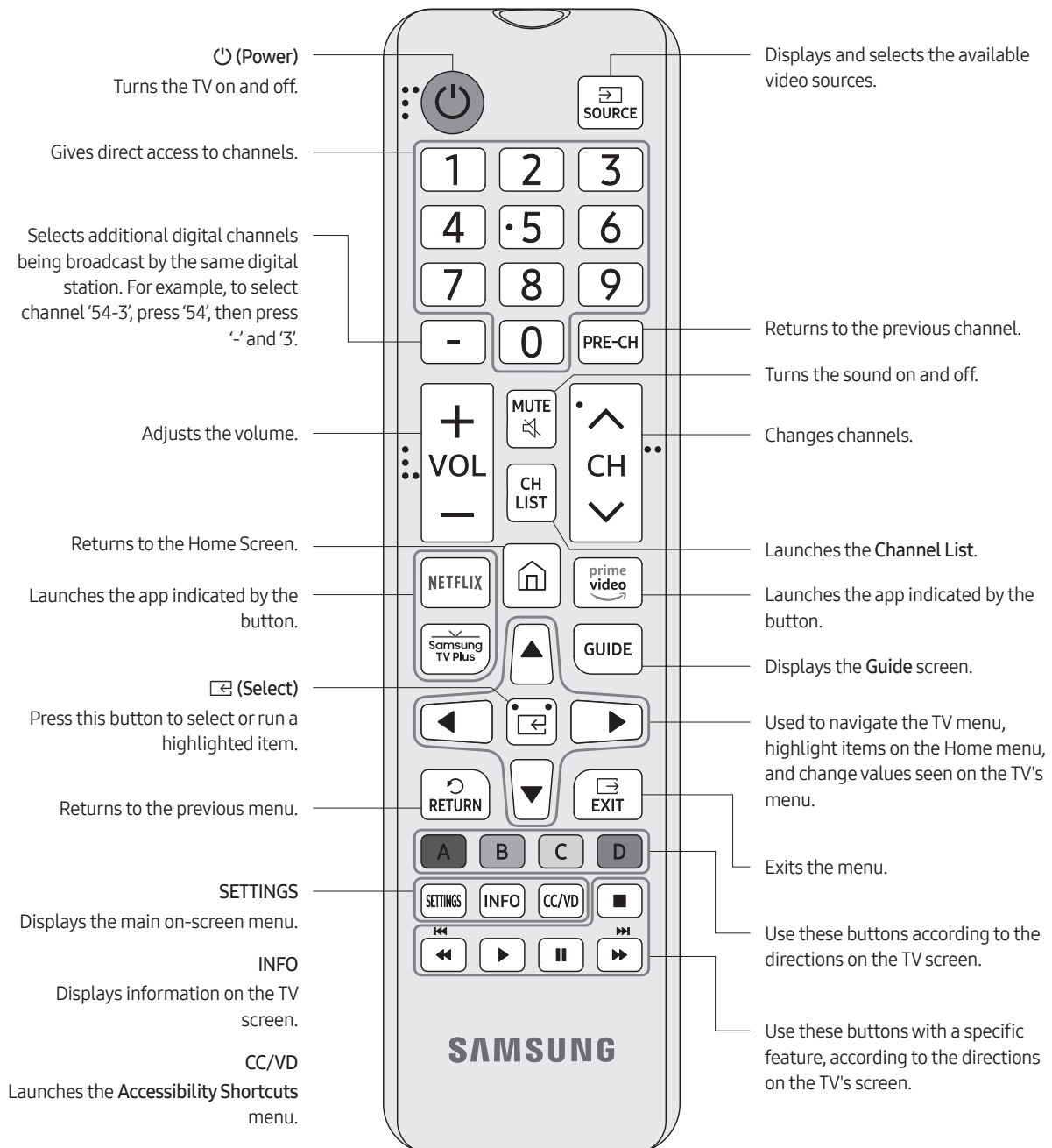


- This service may not be available at the time of purchase of this product and the availability may vary by region.
- Images simulated for illustration purpose only.
- Availability of the feature and Graphic User Interface (GUI) may vary by region. Check before use.

## 2-7. The Remote Control

### 2-7-1. About the Buttons on the Remote Control

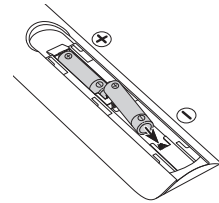
- The images, buttons, and functions of the remote control may differ depending on the model.
- The remote control has Braille points on the Power, Channel, Volume, and Select buttons and can be used by visually impaired persons.
- If you use the remote control that comes with your TV to control another TV, some functions may not operate normally.



## 2-7-2. Installing batteries into the remote control

Match the polarity of the batteries to the symbols in the battery compartment.

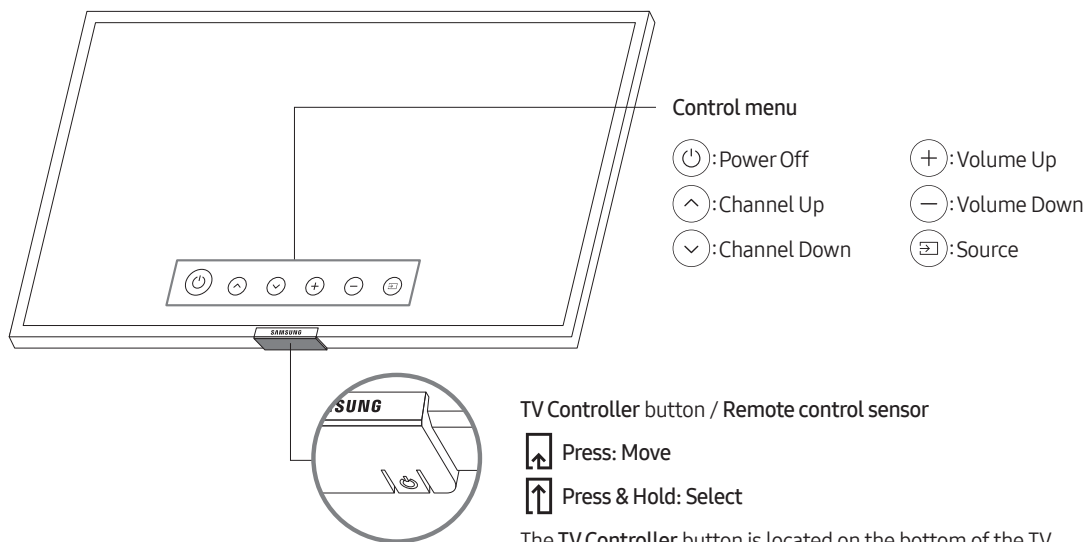
- Use the remote control within 23 feet (7 m) of the TV.
- Bright light may affect the performance of the remote control. Avoid using near bright fluorescent lights or neon signs.
- The color and shape of the remote may vary depending on the model.



## 2-8. Using the TV Controller

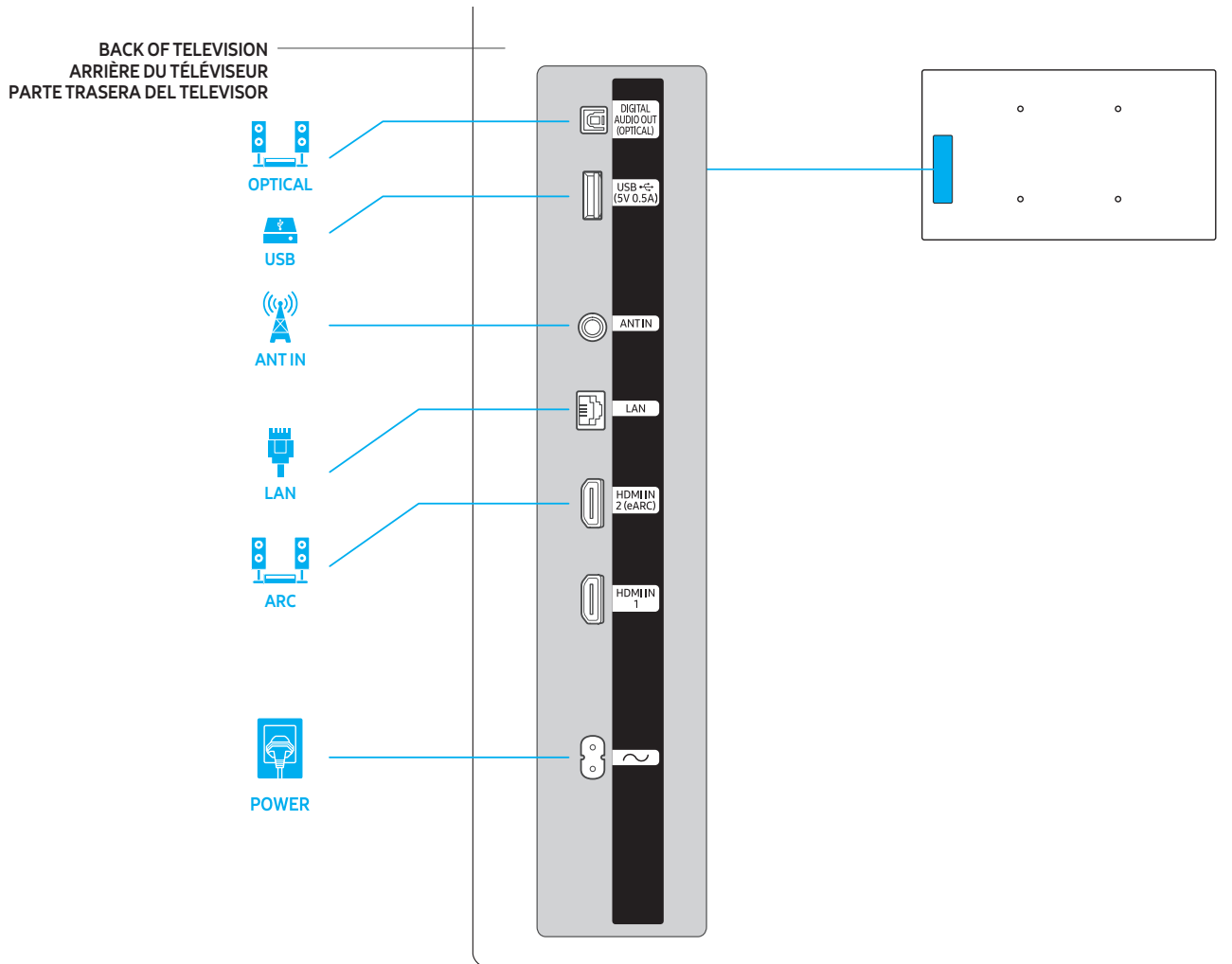
You can turn on the TV with the TV Controller button at the bottom of the TV, and then use the Control menu. The Control menu appears when the TV Controller button is pressed while the TV is On. For more information about its usage, refer to the figure below.

- The screen may dim if the protective film on the SAMSUNG logo or the bottom of the TV is not removed. Please remove the protective film.



The TV Controller button is located on the bottom of the TV.

## 2-9. Rear Connect





## 3. Disassembly and Reassemble

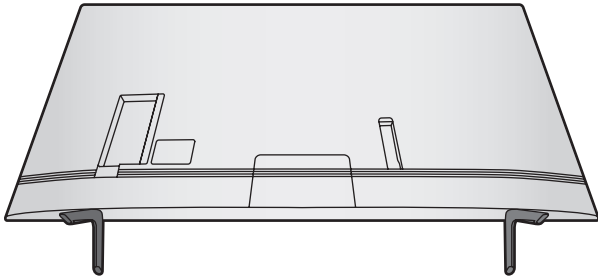
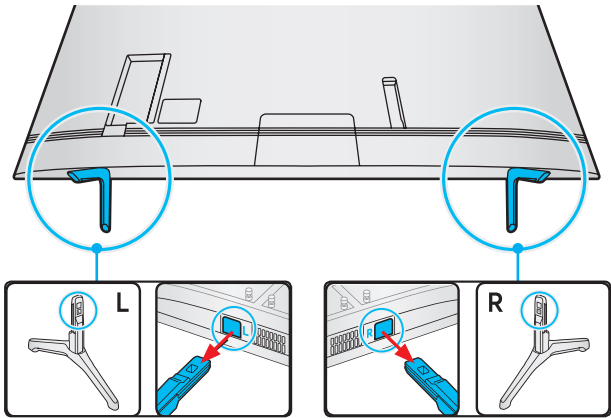
This section of the service manual describes the disassembly and reassembly procedures for the LED TV.


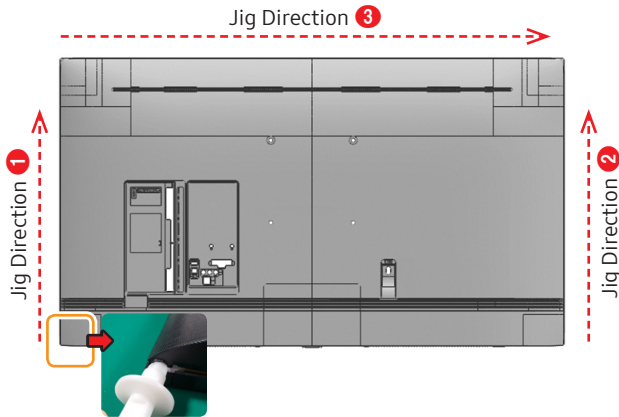
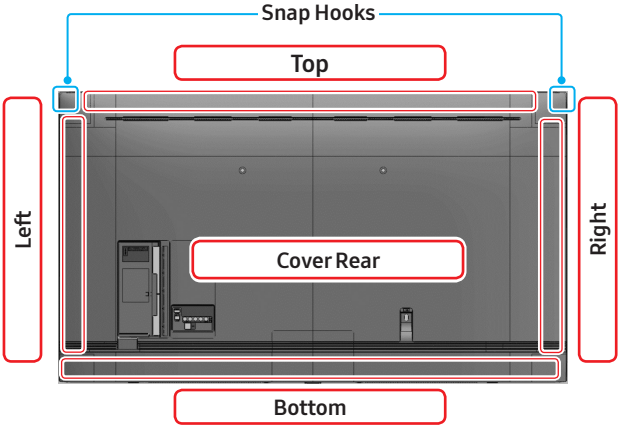
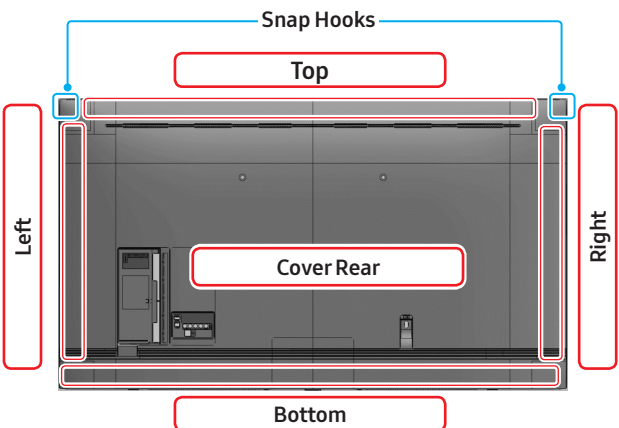


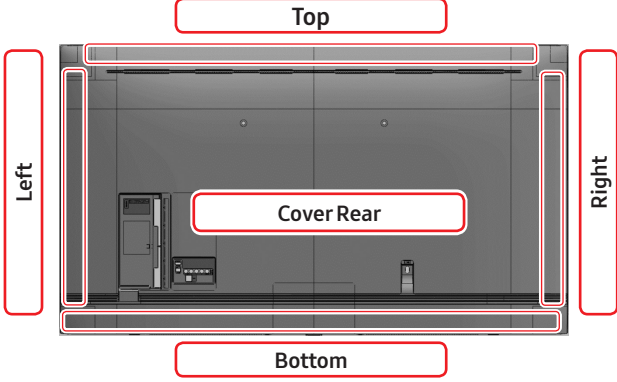
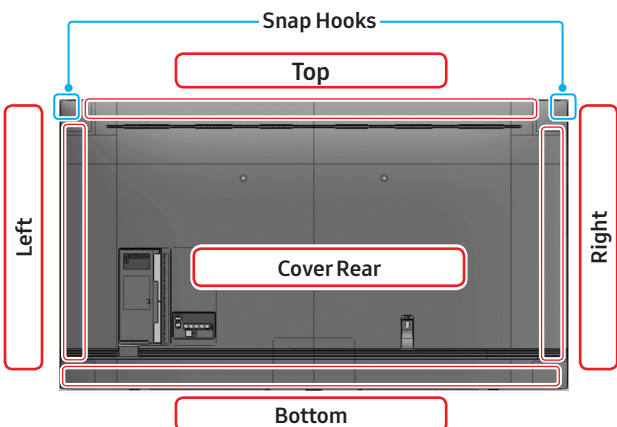

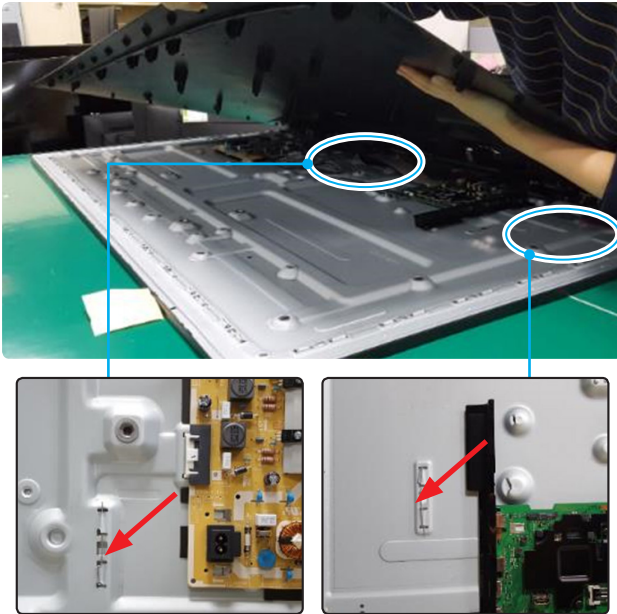
CAUTION

1. Disconnect the LED TV from the power source before disassembly.
2. Follow these directions carefully.
  - Use the Samsung Service tool to disassemble the cabinet.
    - Recommend to use the Samsung Service tool
  - Recommended Torque for Cabinet/Stand screws : 10 ~ 12kgf.
    - A strength of Torque can be changed depending on the situation.

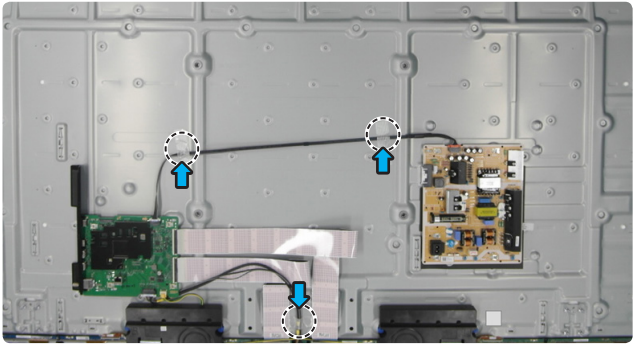
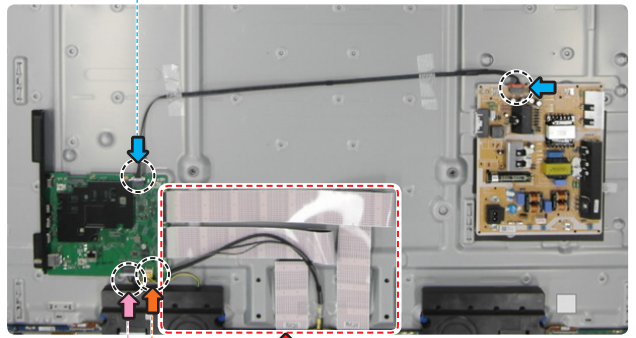

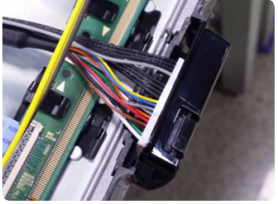
### 3-1. TV Disassembly

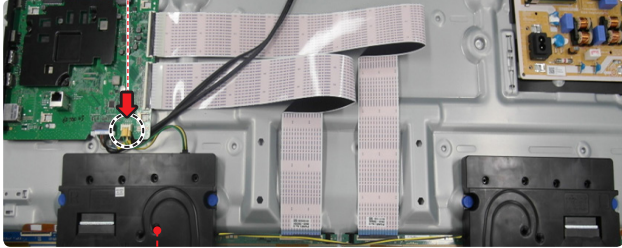
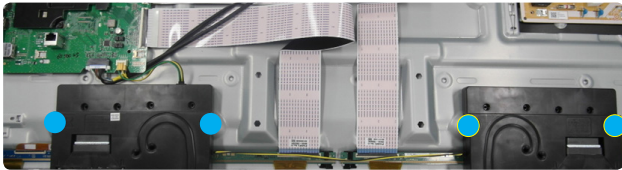
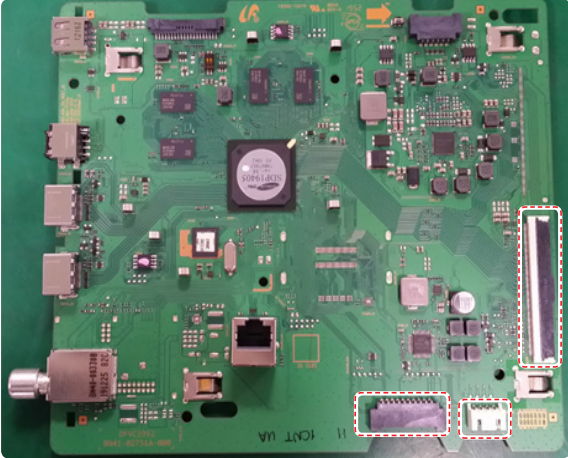
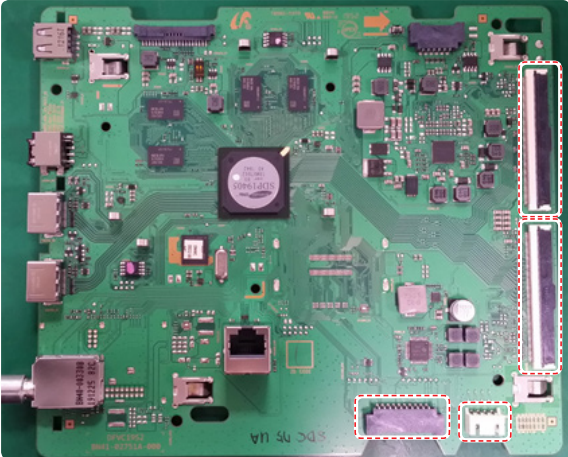
Description & Screws	Picture Description
<p><b>1</b> Remove Power cord and connections and place the TV down onto a protected surface.</p>	
<p><b>2</b> Remove the stands with pulling down.</p>	


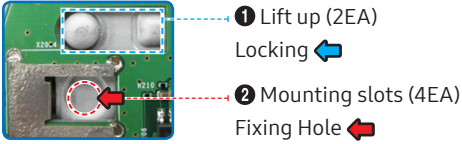
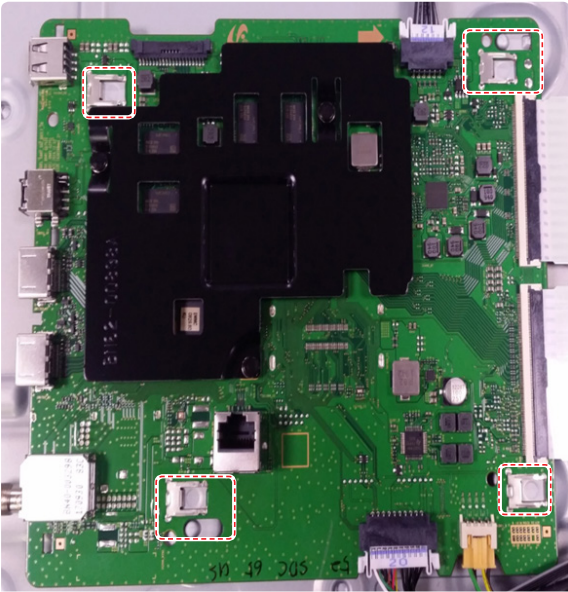

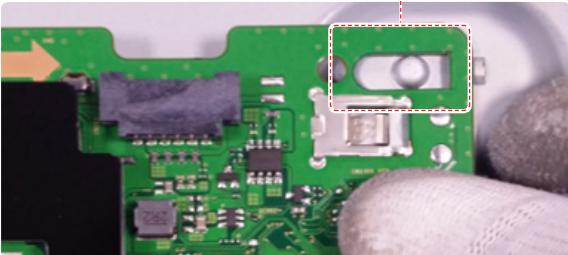
Description & Screws	Picture Description
<p><b>3</b> Insert the Open Jig completely into the tab of the rear cover's left side bottom corner and following directions <b>1</b>→<b>2</b>→<b>3</b>.</p> <p><b>Assembly Misc P-jig-2017</b></p>  <p><b>BN81-14946A</b></p> <p><b>Locking tabs locations</b></p> <ul style="list-style-type: none"> <li>• 58 inches                     <ul style="list-style-type: none"> <li>– <b>Snap Hooks : 2 point</b></li> <li>– Top : 9 point</li> <li>– Left/Right : 5 point</li> <li>– Bottom : 9 point</li> <li>– Cover Raer : 5 point</li> </ul> </li> <li>• 65 inches                     <ul style="list-style-type: none"> <li>– <b>Snap Hooks : 2 point</b></li> <li>– Top : 10 point</li> <li>– Left/Right : 6 point</li> <li>– Bottom : 12 point</li> <li>– Cover Raer : 5 point</li> </ul> </li> </ul>	  




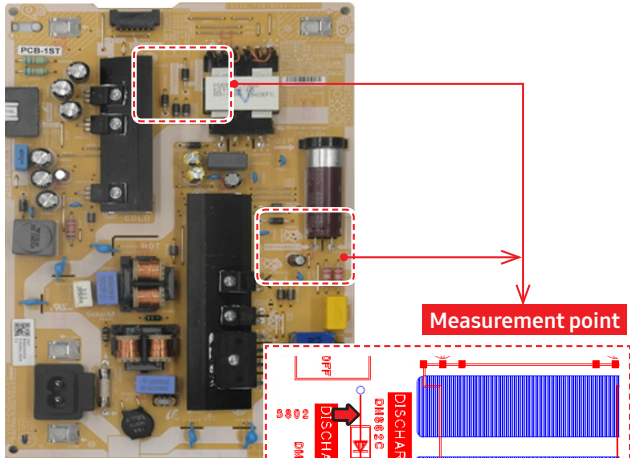
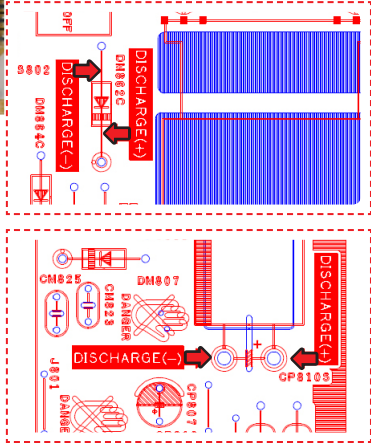
Description & Screws	Picture Description
<ul style="list-style-type: none"> <li>• 70 inches                             <ul style="list-style-type: none"> <li>– Top : 12 point</li> <li>– Left/Right : 6 point</li> <li>– Bottom : 12 point</li> <li>– Cover Rear : 5 point</li> </ul> </li>   <li>• 75 inches                             <ul style="list-style-type: none"> <li>– <b>Snap Hooks : 2 point</b></li> <li>– Top : 12 point</li> <li>– Left/Right : 7 point</li> <li>– Bottom : 12 point</li> <li>– Cover Raer : 5 point</li> </ul> </li> </ul>	<div style="text-align: center;">  <p>Top</p> <p>Left</p> <p>Right</p> <p>Bottom</p> <p>Cover Rear</p> </div> <div style="text-align: center;">  <p>Snap Hooks</p> <p>Top</p> <p>Left</p> <p>Right</p> <p>Bottom</p> <p>Cover Raer</p> </div>
<p><b>4</b> Gently lift up the rear cover from the middle to prevent inside clips damaged.</p> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> <p> <b>NOTE</b></p> <ul style="list-style-type: none"> <li>• Straighten ALL Locking Wires before reattaching cover.</li> </ul> </div>	



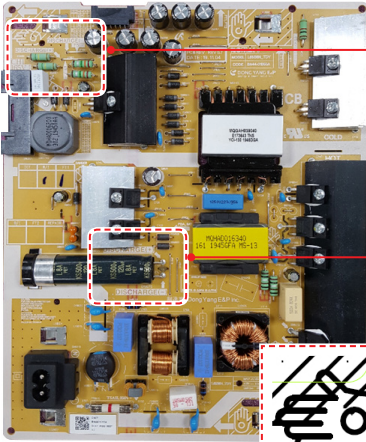
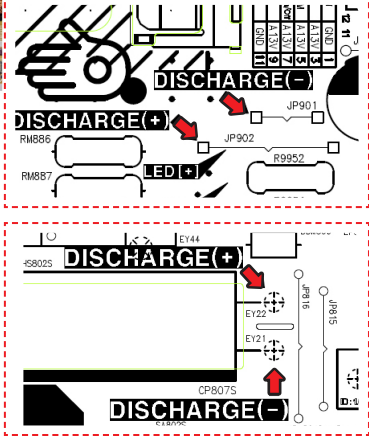


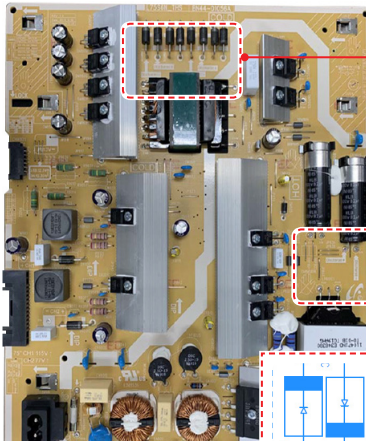
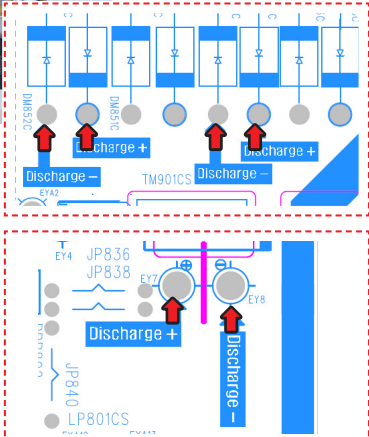
3. Disassembly and Reassemble

Description & Screws	Picture Description
<p><b>5</b> Remove the Electric tapes shown on the images.</p> <ul style="list-style-type: none"> <li>➡ EMI Filament Tape (Dressing)</li> </ul> <p><b>NOTE</b></p> <ul style="list-style-type: none"> <li>When assembling the TV, the electric tapes must be applied on the same locations. Please remember to take a picture where the tapes were first applied.</li> </ul>	
<p><b>6</b> Remove the Cables.</p> <ul style="list-style-type: none"> <li>➡ LEAD CONNECTOR-POWER Cable (SMPS - MAIN)</li> <li>➡ FFC Cables</li> <li>➡ ASSY SPEAKER P-FRONT Cable</li> <li>➡ LEAD CONNECTOR-SUB ASSY Cable</li> </ul>	 <p>LEAD CONNECTOR-POWER Cables</p> <p>FFC Cables</p> <p>ASSY SPEAKER P-FRONT Cable</p> <p>LEAD CONNECTOR-SUB ASSY Cable</p>
<p><b>7</b> Remove the Integrated Module (BT/WIFI/IR/FUNCTION).</p> <ul style="list-style-type: none"> <li>➡ LEAD CONNECTOR-SUB ASSY Cable</li> </ul>	  <p>LEAD CONNECTOR-SUB ASSY Cable</p> <p>Integrated Module (BT/WIFI/IR/FUNCTION)</p>

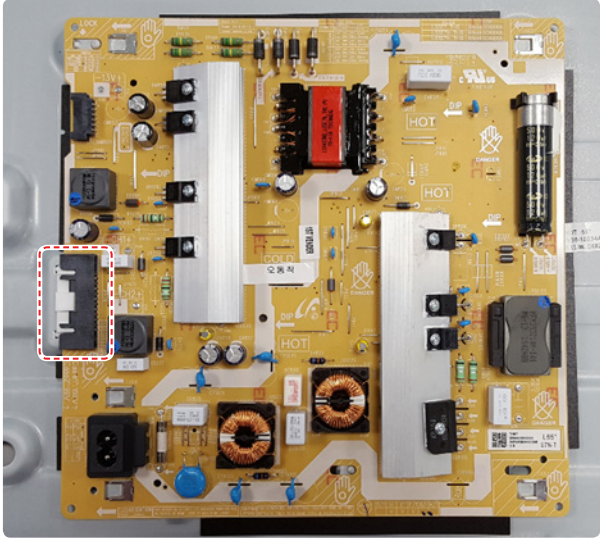
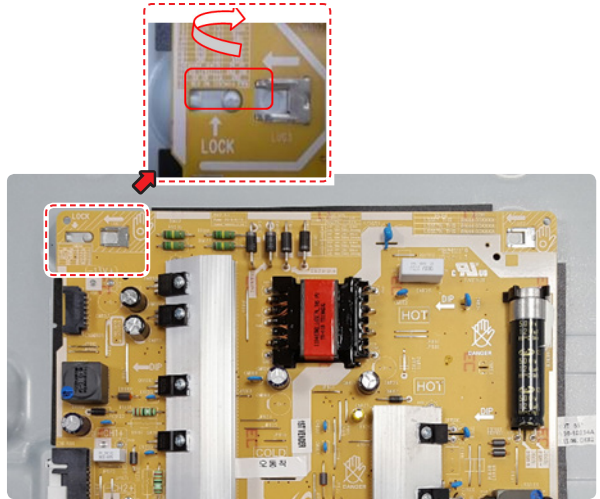
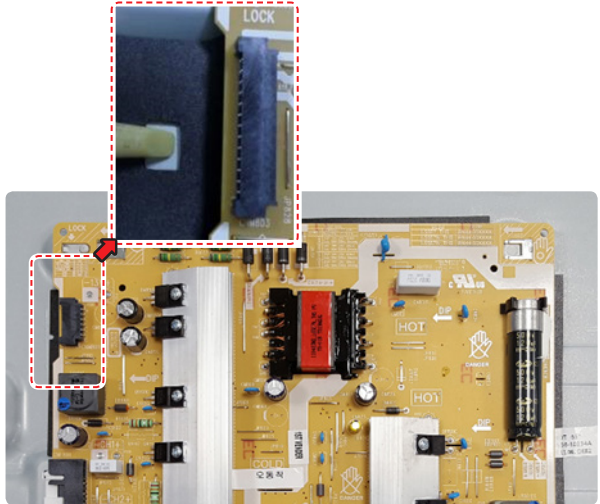
Description & Screws	Picture Description
<p><b>8</b> Remove the ASSY SPEAKER P-FRONT.</p> <ul style="list-style-type: none"> <li>➡ ASSY SPEAKER P-FRONT Cable</li> <li>● : Assy SPK to Panel Hole 4 Points</li> </ul>	<p>ASSY SPEAKER P-FRONT Cable</p>  <p>ASSY SPEAKER P-FRONT</p>  <p>&lt;Hole 4 Points&gt;</p>
<p><b>9</b> Remove the cables from the Main Board.</p>	<p><b>58" / 70"</b></p>  <p><b>65" / 75"</b></p> 

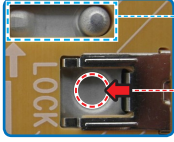
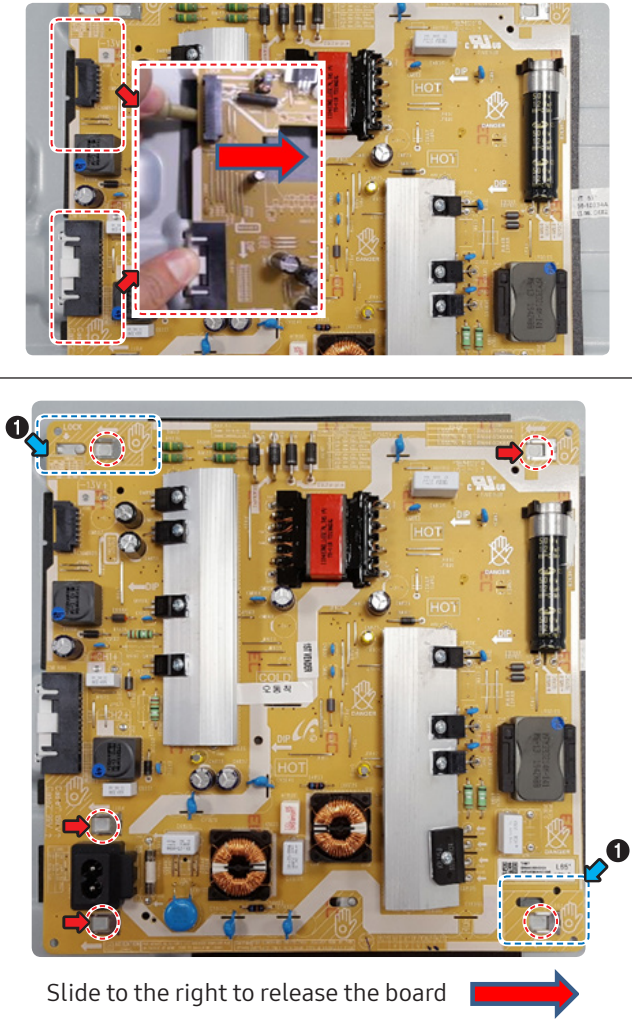
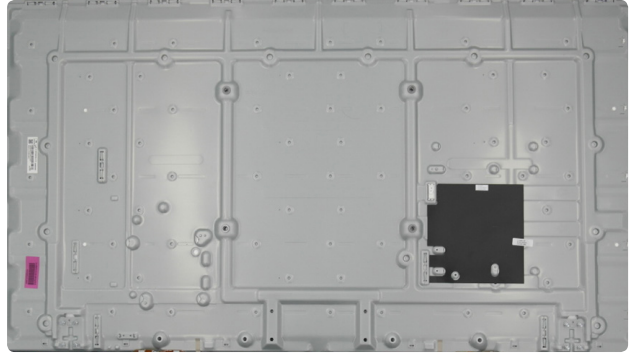
Description & Screws	Picture Description
<p><b>10</b> Remove the ASSY PCB MAIN.</p> <ul style="list-style-type: none"><li>• Gently lift up (Top Right corner) to release the lock.</li><li>• Use both hands to hold the board and slide to the left to release the board.</li></ul> <p> <b>NOTE</b></p> <ul style="list-style-type: none"><li>• When installing the Main board, verify the board is properly positioned in all 4 mounting slots.</li></ul> <p></p>	<p></p> <p> Slide to the left to release the board</p> <p>Lift Here to Release lock</p> <p></p>

Description & Screws	Picture Description
<p><b>11-1</b> Before Removing SMPS board,</p> <p><b>Discharge Capacitors</b></p> <p><b>58"</b></p> <p>You have to discharge the SMPS by using service JIG across leads of Large Capacitors as pictured below.</p> <p>If LED ON -&gt; LED OFF, Discharge is completed. Then verify voltage is less than 10Vdc across leads with Volt Meter.</p> <p><b>Service Jig-Capacitor Discharge</b></p> <ul style="list-style-type: none"> <li>• If LED ON &gt; LED OFF discharge is completed.</li> </ul>  <p><b>BN81-16292A</b></p>  <p>&lt;Before discharging&gt;</p>  <p>&lt;After discharging&gt;</p> <ul style="list-style-type: none"> <li>✓ Then verify voltage is less than 10Vdc across leads with Volt Meter.</li> </ul>	 <p><b>Measurement point</b></p>  <p>The schematic shows two capacitor discharge points. The top one is labeled 'DISCHARGE(+)' and 'DISCHARGE(-)' with components DM82C and DM84C. The bottom one is labeled 'DISCHARGE(+)' and 'DISCHARGE(-)' with components CM825, DM807, DM823, DM840, J801, DM808, and GP3103. A 'DANGER' warning is present near the bottom schematic.</p>

Description & Screws	Picture Description
<p><b>11-2 Discharge Capacitors</b></p> <p><b>65"</b></p> <p>You have to discharge the SMPS by using service JIG across leads of Large Capacitors as pictured below.</p> <p>If LED ON → LED OFF, Discharge is completed. Then verify voltage is less than 10Vdc across leads with Volt Meter.</p> <p><b>Service Jig-Capacitor Discharge</b></p> <ul style="list-style-type: none"> <li>If LED ON &gt; LED OFF discharge is completed.</li> </ul>  <p><b>BN81-16292A</b></p>  <p>&lt;Before discharging&gt; &lt;After discharging&gt;</p> <ul style="list-style-type: none"> <li>Then verify voltage is less than 10Vdc across leads with Volt Meter.</li> </ul>	 <p><b>Measurement point</b></p>  <p>DISCHARGE (+) DISCHARGE (-) LED (+) LED (-) EY44 EY22 EY21 CP8075 DISCHARGE (-)</p>
<p><b>11-3 Discharge Capacitors</b></p> <p><b>70" / 75"</b></p> <p>You have to discharge the SMPS by using service JIG across leads of Large Capacitors as pictured below.</p> <p>If LED ON → LED OFF, Discharge is completed. Then verify voltage is less than 10Vdc across leads with Volt Meter.</p> <p><b>Service Jig-Capacitor Discharge</b></p> <ul style="list-style-type: none"> <li>If LED ON &gt; LED OFF discharge is completed.</li> </ul>  <p><b>BN81-16292A</b></p>  <p>&lt;Before discharging&gt; &lt;After discharging&gt;</p> <ul style="list-style-type: none"> <li>Then verify voltage is less than 10Vdc across leads with Volt Meter.</li> </ul>	 <p><b>Measurement point</b></p>  <p>charge + Discharge - charge + Discharge - EY4 EY7 EY8 Discharge + Discharge - JP836 JP838 JP840 LP801CS</p>



Description & Screws	Picture Description
<p><b>12</b> Remove the SMPS.</p> <ol style="list-style-type: none"> <li>1. Push and hold down BLU connector tab to release it's panel lock connection.</li> </ol>	 <p>&lt;LEAD CONNECTOR-BLU &gt;</p>
<ol style="list-style-type: none"> <li>2. Lift to release the lock tab on upper left side of Board. (Step 4 will assist)</li> </ol>	
<ol style="list-style-type: none"> <li>3. Locate a notch in insulation sheet. (not all models)</li> </ol>	

Description & Screws	Picture Description
<p><b>12</b> 4. Use Open Jig in notch to help release &amp; smoothly slide SMPS to the Right. (While pushing BLU Tab &amp; Releasing Lock Tab)</p> <p>5. Gently lift the <b>1</b> edge to unlock the <b>SMPS</b> board.</p>  <p> <b>1</b> Lift up (2EA)          Locking →  <b>2</b> Mounting slots (5EA)          Fixing Hole →     </p> <p>Remove the board by holding it with both hands and sliding it to the <b>Right</b> (<b>2</b> →).</p>	 <p>Slide to the right to release the board →</p>
<p><b>11</b> Completed the disassembly.</p>	

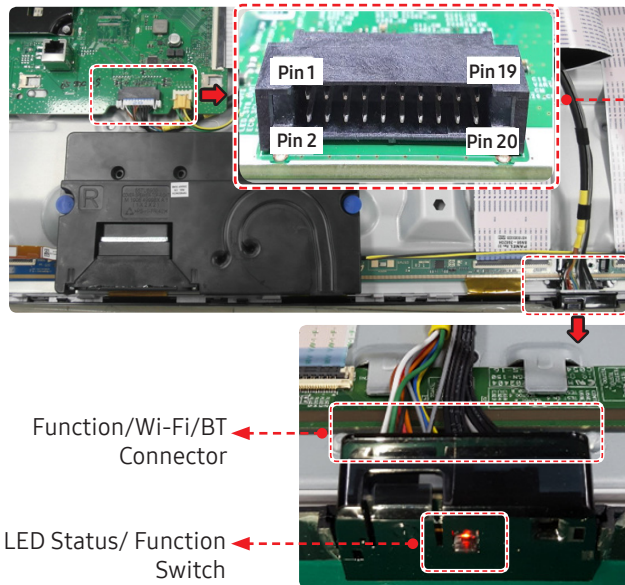
 **NOTE**

Reassembly procedures are in the reverse order of disassembly procedures.

## 4. Troubleshooting

### 4-1. Function Control Operation Test

#### 4-1-1. FUNCTION/IR Control Test



CN11_CM (Main Board Pins)			
1	WIFI_DM	2	WIFI_PHY_ON
3	WIFI_DP	4	WIFI5V_PW IR5V_PW
5	WIFI_GND IR_GND	6	WIFI_WOL
7	UART_TX	8	WIFI_NRESET
9	BT_WAKE	10	IR
11	KEY_INPUT1	12	N.C
13	KEY_INPUT2	14	LED_STB_OUT
15	ECO_SCL_I2C	16	WIFI_GND IR_GND
17	ECO_SDA_I2C	18	IR_OUT_1
19	N.C	20	IR_OUT_2

<Main Board Connector Function Pins>

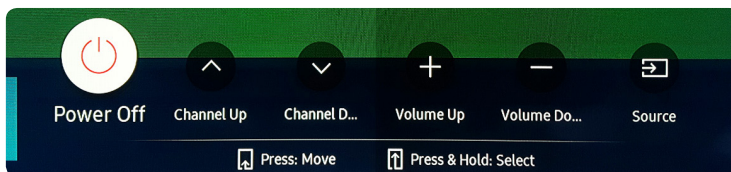


< Main Board Connector Reference Chart >



< Function/Wi-Fi/BT Connector Pins with Main Reference Chart >

1. Place TV in Power Standby
2. Check LED Status
3. If LED is OFF
  - ✓ Check LED 1.7Vdc (pin 14) and VCC for 5Vdc (pin 4)
  - If missing suspect Function Assy/Cable/Main board.
4. If LED is ON
  - ✓ Check Switch Operation activates on screen display



[On Screen Selections with Function Control]

- If missing:
    - ✓ Check KEY\_INPUT1 (pin 11) change to 0V with a command.
  - If wrong voltage or no change:
    - ✓ Check Switch for stuck or miss-operation.
5. Check IR (pin 10) operation with Standard Remote command changes. (5V to 3.3V effective DC)
  6. Check SDA (pin 17), SCL (pin 15) for effective 5Vdc (after power on)
    - If missing suspect Function Assy/Cable Assy/Main Assy.

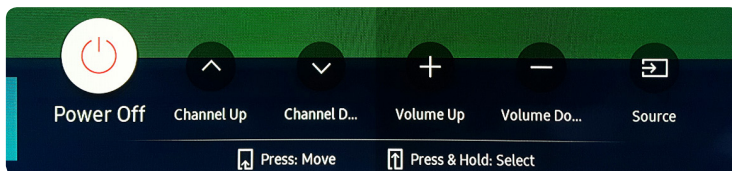
### 4-1-2. FUNCTION/IR Control Test of Function/Wi-Fi /BT Module

Function Pins			
1	USB DM	11	KEY1
2	USB DP	12	KEY2
3	GND	13	I2C_SCL
4	UART_TX	14	I2C_SDA
5	BT_WAKLE_UP	15	DMIC_DATA
6	WIFI_SUSPEND	16	DMIC_CLK
7	5V	17	LED
8	WIFI_WAKE_UP	18	GND
9	RESET	19	IR_LED1
10	IR_RX	20	IR_LED2

<WCT733M Pin Assignments>

< Function/Wi-Fi/BT Connector Pins with Main Reference Chart >

1. Place TV in Power Standby
2. Check LED Status
3. If LED is OFF
  - ✓ Check LED (pin 17) and VCC for 5Vdc (pin 7)
  - If missing suspect Function Assy/Cable/Main board.
4. If LED is ON
  - ✓ Check Switch Operation activates on screen display



[On Screen Selections with Function Control]

- If missing:
    - ✓ Check KEY\_INPUT1 (pin 11) change to 0V with a command.
  - If wrong voltage or no change:
    - ✓ Check Switch for stuck or miss-operation.
5. Check IR (pin 10) operation with Standard Remote command changes. (5V to 3.3V effective DC)
  6. Check SDA (pin 14), SCL (pin 13) for effective 5Vdc (after power on)
    - If missing suspect Function Assy/Cable Assy/Main Assy.

## 4-2. Power

- 58 inches

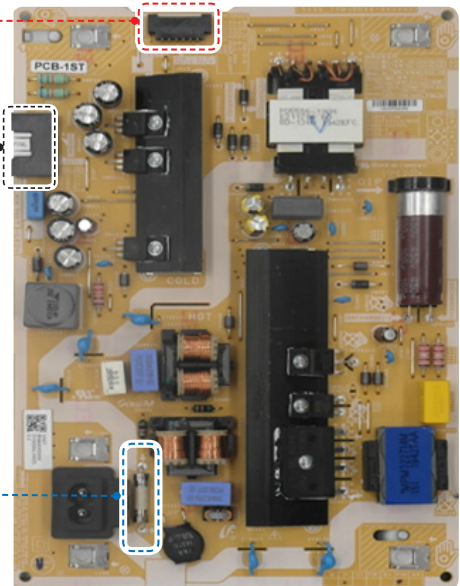
CNM801 (MAIN Connector)			
ANA-DIM	2	1	GND
N.C	4	3	A13V
BLU_PWM	6	5	A13V
POWER_On/Off	8	7	A13V
GND	10	9	A13V
GND	12	11	GND

CNL801 (LED Connector)	
1	1+ → VF CH1
2	1- ●
3	2+ ●
4	2- → Dim. CH1

→ Main Connector (POWER) **CNM801**

→ LED Connector **CNL801**

FUSE



- 65 inches

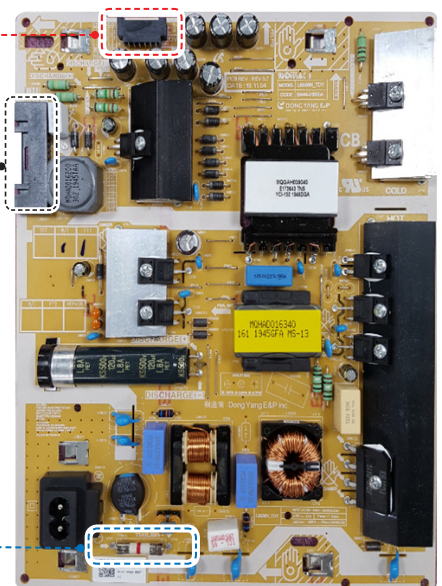
CNM801 (MAIN Connector)			
ANA-DIM	2	1	GND
N.C	4	3	A13V
BLU_PWM	6	5	A13V
POWER_On/Off	8	7	A13V
GND	10	9	A13V
GND	12	11	GND

CNL801 (LED Connector)	
1	1+ → VF CH1
2	1- ●
3	2+ ●
4	2- ●
5	3+ ●
6	3- ●
7	4+ ●
8	4- ●
9	5+ ●
10	N.C
11	N.C
12	5- → Dim. CH1

→ Main Connector (POWER) **CNM801**

→ LED Connector **CNL801**

FUSE

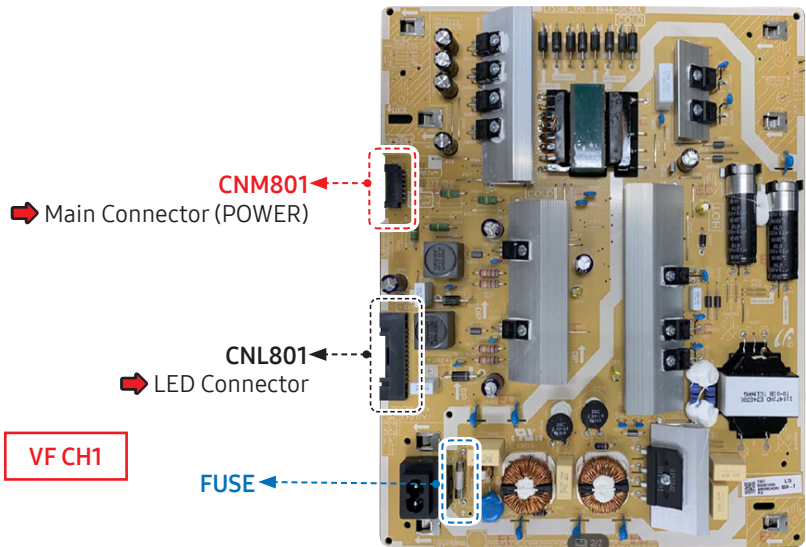


4. Troubleshooting

- 70 / 75 inches

CNM801 (MAIN Connector)			
ANA-DIM	2	1	GND
N.C	4	3	A13V
BLU_PWM	6	5	A13V
POWER_On/Off	8	7	A13V
GND	10	9	A13V
GND	12	11	GND

CNL801 (LED Connector)		
1	1+	← VF CH1
2	1-	●
3	2+	●
4	2-	●
5	3+	●
6	3-	→ Dim. CH1
7	4+	← VF CH2
8	4-	●
9	5+	●
10	5-	●
11	6+	●
12	6-	→ Dim. CH2



## 4-2-1. SMPS Standby

### ■ TV POWER STANDBY TEST :


1. TV in Standby
  - ✓ Check **Standby LED Indicator**
2. If Not Lit:
  - ✓ Check AC 120Vac Line
3. If missing:
  - ✓ Check AC120Vac Source/Power Cord
4. If OK:
  - ✓ Check resistance on SMPS **FUSE** after first removing AC power cord.
5. If fuses are open:
  - Replace SMPS
6. If fuses are OK:
  - ✓ **Check Standby: A13V** (Always On) to Main Board.
7. If any missing remove the SMPS connector to the Main Board.
  - ✓ Check Standby **A13V** again.
    - If OK replace the Main Board
    - If still missing replace SMPS

## ■ TV POWER ON SEQUENCE TEST :

### Simplified Version (without meter)

1. Verify Standby Light
  - ✓ If missing perform Standby Test / Function Test
2. Power TV On
  - ✓ Check Standby LED changes and TV Powers On
3. If Standby light won't change (doesn't turn off or flash)
  - ✓ Check with both Remote & Function Control Power commands
    - If still no change perform Function test
    - If OK replace Main Board
4. If Standby LED Flashes and TV won't power on
  - Disconnect Panel Cables from Main Board
  - Power TV On
    - ✓ Check TV Powers On (Audio OK / Backlight OK / No video)
      - If TV now Powers On replace Panel
      - If TV still won't Power On replace Main Board
5. Verify Audio is OK & Backlights Turns On
  - If No Audio perform "Audio Troubleshooting" Test
  - If No Backlight perform "Backlight Test"

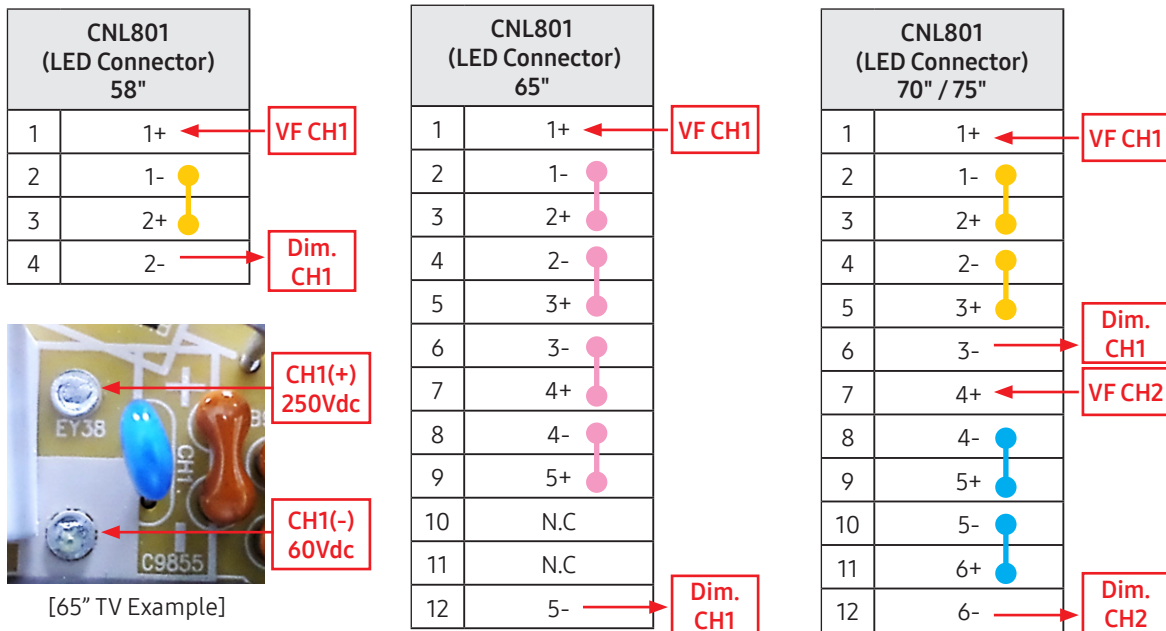
### Extended Version

1. Power TV On
  - ✓ **Power On/off** (pin **8**) .2Vdc (when off) changes to 3.3Vdc (on)
  -  **NOTE**
    - There is a delay from PS-ON to off condition when the TV is powered off.
2. If voltage error or no change:
  - ✓ Check Jog Function Control Test
3. If OK replace Main Board.
  - ✓ Check All **A13V** supplies (12.7VDC) (pins **3** **5** **7** **9**)
4. If any wrong voltages, remove SMPS connector to Main Board
  - ✓ Check **A13V** again (12.7VDC) (pins **3** **5** **7** **9**)
    - If voltages are now OK replace the Main Board
    - If voltages are still wrong replace SMPS
5. Verify Backlight Turns On in Normal TV Operation Mode
  - If No Backlight
    - ✓ Check **BLU\_PWM** (pins **6**) Backlight On/Off & Dim Control: for approx. 0 (Off) to approx. 2.5Vdc (On) depending on backlight dimming level.
      - If missing/Error replace Main Board
      - If OK perform backlight test



## ■ Backlight Test :

Panel BL Connector: Sets of LED BL Strings example (connected in series - if one fails all go off)



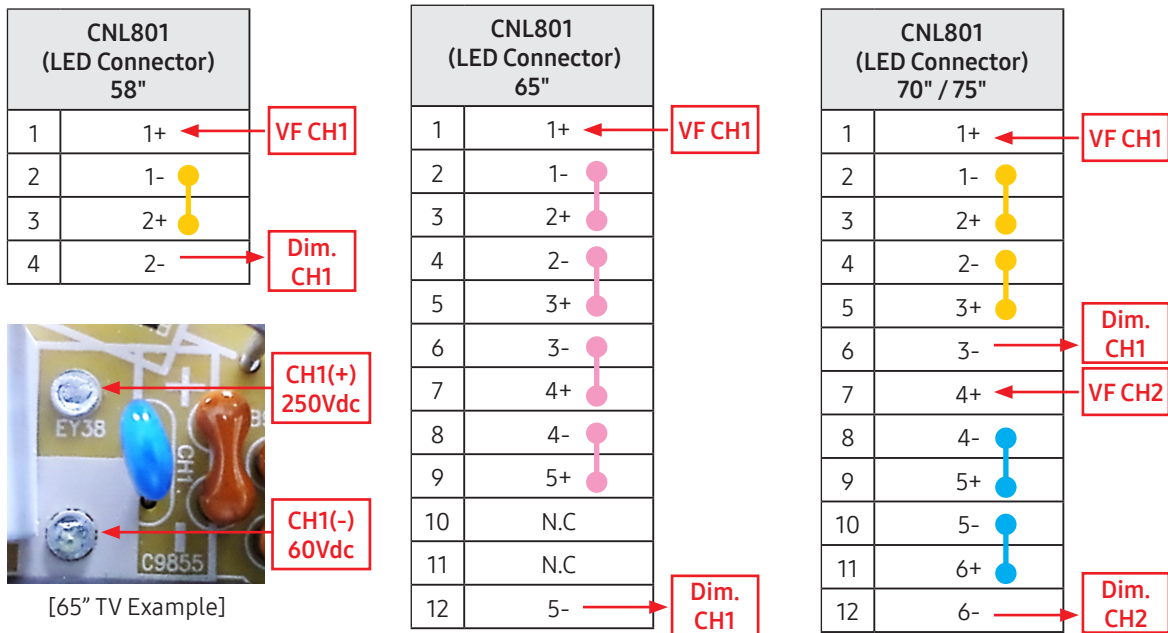
- 1. Activate Backlights Test :** Disconnect Lead Cable from Main to Power Supply.
  - ✓ Check TV Screen for active backlight LEDs.
- 2. If NO BACKLIGHTS**
  - ✓ Check CH1 (+) BL Supplies on SMPS (approx. 270Vdc for 65")
  - ✓ Also Check CH2(+), CH3(+), CH4 (+)..etc. when included for larger TVs
    - If any missing replace SMPS Board.
    - If supplies are OK replace Panel.
- 3. If BACKLIGHTS ON BUT PANEL SECTION(S) OFF**
  - Repeat Step 2.
  - If any CH Backlight Supplies are low or missing replace SMPS.
  - If supplies are OK, replace panel.

### BACKLIGHT DIMMING PROBLEMS:

- ✓ First check Option Byte Settings in Factory Mode. Wrong settings can create backlight errors.
- Go to **Menu > Picture > Expert Settings > Backlight** and vary level (0 – 50)
  - If no backlight changes are observed, vary the level again:
    - ✓ Check **BLU\_PWM** (pins **6**) control voltages **CNM801** varies approx. 0.5V – 2.5Vdc
      - If it doesn't vary voltage replace **Main/T-CON Board**.
      - If it varies and back lights won't dim, replace SMPS.

## ■ Backlight Test: (Extended Test)

Panel BL Connector: Sets of LED BL Strings example (connected in series - if one fails all go off)



- 1. Activate Backlights Test :** Disconnect Lead Cable from Main to Power Supply.
  - ✓ Check TV Screen for active backlight LEDs.
- 2. If BACKLIGHTS OFF or PANEL SECTION(S) OFF**
  - ✓ Locate **CH1 (+) on SMPS** and measure for approx. 250Vdc (65")
  - ✓ Locate **CH1 (-) on SMPS** and measure for approx. 60Vdc (65")
    - If CH1 (+) is very low or missing replace SMPS Board
    - If CH1 (+) is OK & CH1 (-) is near 0 Volts replace Panel
- 3. Larger Size TVs :**
  - ✓ Check CH2 (+) and CH2 (-) when included for Larger TVs
    - Repeat the same Test as with CH1
  - ✓ Continue to Check CH3, CH4, ..., etc. when they are also included.

### BACKLIGHT DIMMING PROBLEMS:



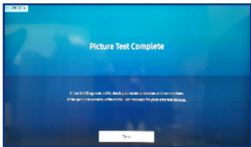

- ✓ First check Option Byte Settings in Factory Mode. Wrong settings can create backlight errors.
- Go to **Menu > Picture > Expert Settings > Backlight** and vary level (0 – 50)
  - If no backlight changes are observed, vary the level again:
    - ✓ Check **BLU\_PWM** (pins **6**) control voltages **CNM801** varies approx. 0.5V – 2.5Vdc
      - If it doesn't vary voltage replace Main/T-CON Board.
      - If it varies and back lights won't dim, replace SMPS.

## 4-3. Video Troubleshooting

### 4-3-1. Customer Picture Test

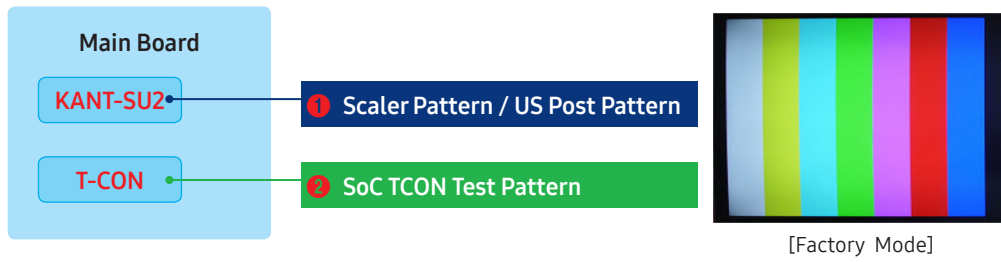
#### ■ MAIN BOARD

**Pre-FRC / Post FRC NOT AVAILABLE THIS MODEL** (120 Hz / 240 Hz Models Only)

Main Section	Pre-FRC	Post FRC	Results	Problem
	<b>Pre-FRC / Post FRC NOT AVAILABLE THIS MODEL</b> (120 Hz / 240 Hz Models Only)			
Pass	Pass	Pass		<ul style="list-style-type: none"> <li>Check Signal Source and other inputs</li> </ul>
Fail	Fail	Fail		<ul style="list-style-type: none"> <li>Replace Main/T-CON Board / Panel (verify by troubleshooting)</li> </ul>

## 4-3-2. Video Circuit Layout

- ENTER : **Factory mode** > **SVC** > **Test Pattern**



### ■ Check Test Patterns

1. Verify "Scaler Pattern" and "US Post Pattern"
2. Verify "SoC TCON Test Pattern"

### 4-3-3. Combined MAIN/T-CON Models

- Main Section > PRE FRC Section > POST FRC Section > T-CON Section > PANEL

#### ■ Pre Scaller & US Post of Main Section

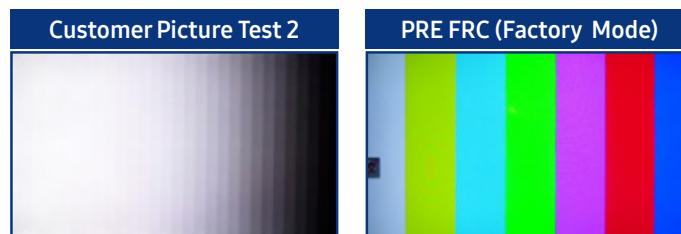


#### Video Operation

Generated on Main Section.

- **If OK:**
  - ✓ Source & Input Cables
  - ✓ Other inputs
- **If Noisy:**
  - ✓ Pre FRC Section Test Patterns

#### ■ PRE FRC Section

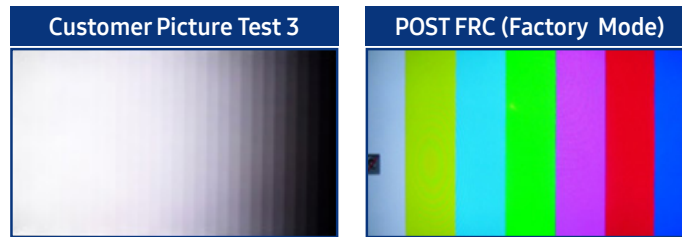


#### Video Operation

Generated at Pre FRC Section.

- **If OK:**
  - ✓ Replace Main Board
- **If Noisy:**
  - ✓ Post FRC Section

## ■ POST FRC Section



### Video Operation

Generated at Post FRC Section.

- **If OK:**
  - ✓ Replace Main Board
- **If Noisy:**
  - ✓ Mute > 3 > 6 > 9 > Mute

## ■ T-CON Section



[May not be available for Larger models over 70 inches.]

### Video Operation

Generated at T-CON Section.

1. **If OK:**
  - ✓ Replace Main Board.
2. **If Noisy:**
  - ✓ Main Board
  - ✓ Panel

## ■ PANEL



- Check Panel





1. If Noisy Video:

- ✓ Soc T-CON Pattern in Factory Mode
  - Use type of Noise observed (Bars, single lines, video distortion, etc to help.)
  - If noise is only on one half of screen check / swap panel cables.
  - Verify Defective Panel Cables, TV Main Board or Panel.

## 4-4. AUDIO Troubleshooting

- Source > Main Board > Speakers

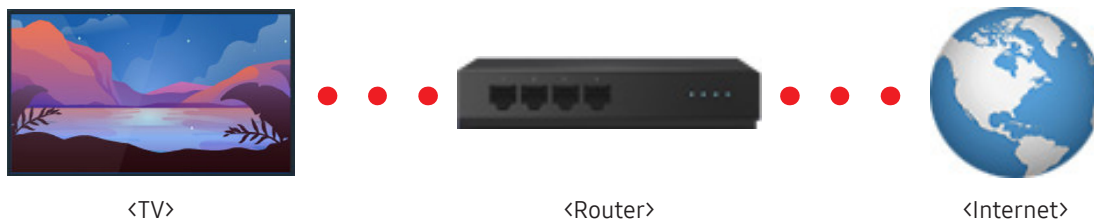
### ■ AUDIO TEST

- **The picture is good but there is no sound.**
  - ✓ Set Sound Output to TV Speaker.  
→  >  **Settings** > **Sound** > **Sound Output**
- **The speakers are making an odd sound.**
  - ✓ Run Sound Test.  
→  >  **Settings** > **Support** > **Device Care** > **Self Diagnosis** > **Sound Test**
- **If Sound Test Fails (Missing/Noisy Audio)**
  - ✓ Speakers (compare resistance/quality)
  - ✓ Main Board /Connector/Cable
  - ✓ With external Audio Generator (device or App)
  - ✓ 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
  - ✓ Other Inputs
- **Optical Digital Out Errors**
  - ✓ Red light from Optical Digital Out.  
→ If missing replace Main Board
- **No HDMI Audio**
  - ✓ Source / HDMI Cable  
→ 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 Main Board  
→ 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.



## 4-5. Network Troubleshooting

When the TV has difficulties connecting to the Internet, these steps may help resolve the problem.

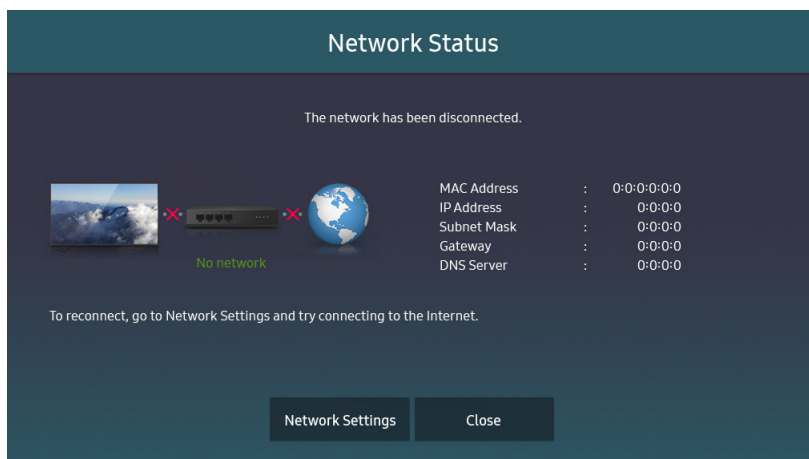


### 4-5-1. Checking the Internet connection status

🏠 > ⚙️ **Settings** > **General** > **Network** > **Network Status**

#### ■ TV to Router "Failure"

1. Select the **Network Status** menu.
  - View the current network and Internet status.

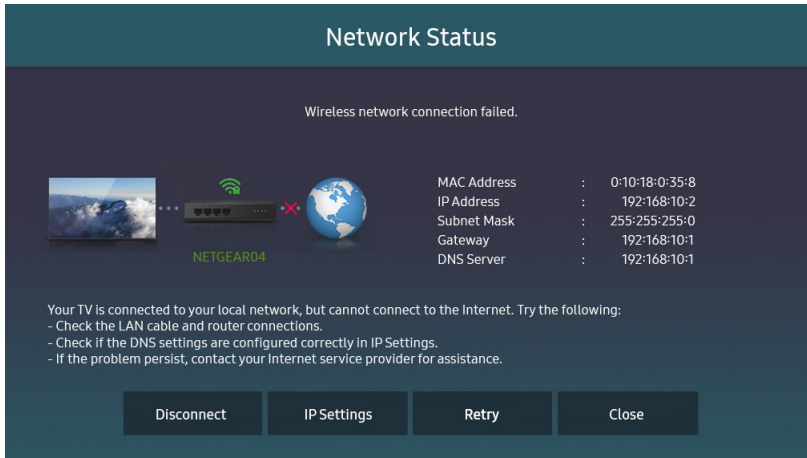


<Network Status : TV ~~✗~~ Router ~~✗~~ Internet>

2. Check the items.
  - ✓ 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).
  - ✓ Check the 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"

1. Select the **Network Status** menu.
  - View the current network and Internet status.
2. Check the connection status of your TV and network devices on the **Network Status** menu.



<Network Status : TV —→ Router -X→ Internet>

- ✓ Check that your **Network Device** operates normally with other devices.
  - Check your TV status
- ✓ Check that your **TV** operates normally with other Network Device (Hotspot).
  - Check your Network Devices

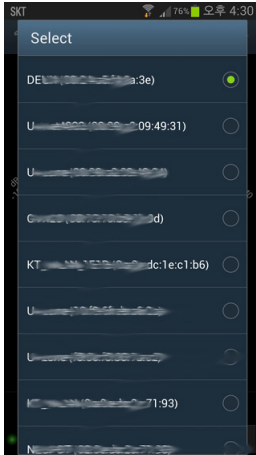
## 4-5-2. Using the Wifi Analyzer App

1. Download the free app from your Android phone called **Wi-Fi Analyzer**.

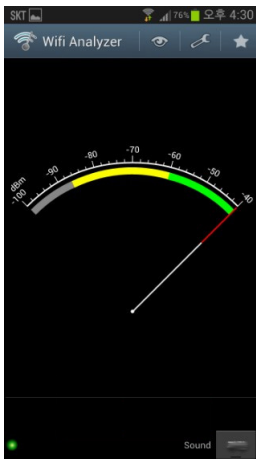


Wi-Fi Analyzer

2. Select Network under test.



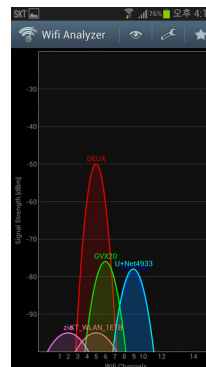
3. Check Signal Strength Meter at both router location and TV location.



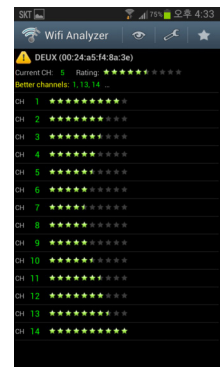
- ✓ Check other Wi-Fi Signals in the area.
- ✓ Check for competing adjacent channels.
- ✓ Check for current & recommended Channel Locations.



<Wi-Fi Signals>



<Competing>




<Ideal Channel Location>

### 4-5-3. Wired LAN Operation Test (TV to Router)

🏠 > ⚙️ Settings > General > Network > Network Settings > Network Type > Wired

Use an external Router and LAN Cable for testing.

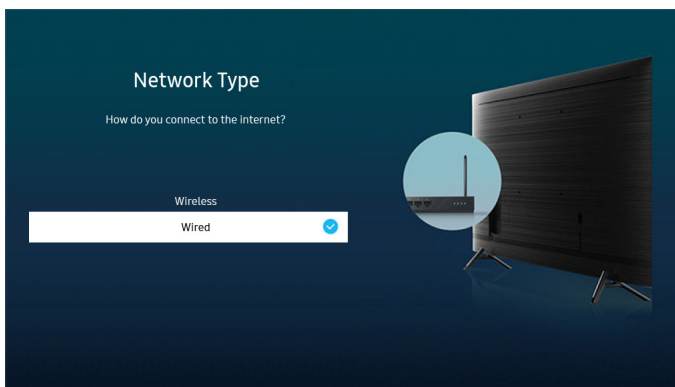
 **NOTE**  
No Internet connection is required or used in this example.

1. Connect a known good **External LAN Cable** and Router to the TV for testing.



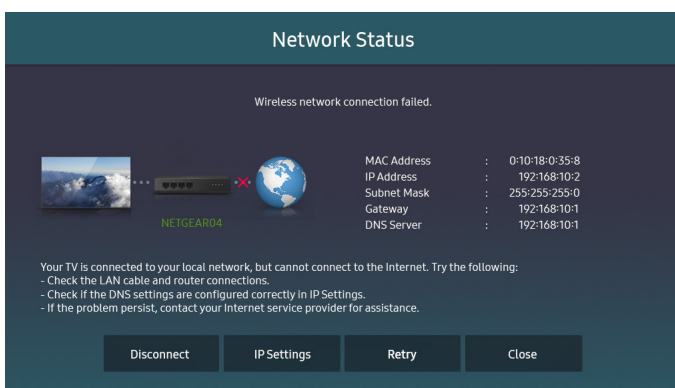
<External Router And LAN Cable>

2. Select the **Wired** menu.



- Verify connection : TV to router. (The Router to Internet will not connect in this test.)

3. The TV is **OK** if connection to the Router is verified.



→ Inform the customer to check their LAN Cable and Router.

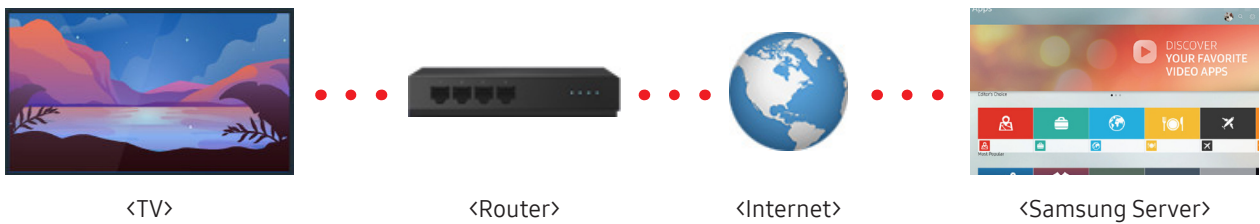
#### 4-5-4. Know Before Wireless Internet Connection

- ✓ Wi-Fi Security Key
- ✓ Distance between the wireless router and TV
- ✓ Go to TV Web Browser / Go to [speedof.me](http://speedof.me) / [testmy.net](http://testmy.net)
  - HD Video Streaming - 5Mbps and up
  - UHD Video Streaming - 25Mbps and up
  - Check Latency less than 50ms



## 4-6. Smart Hub

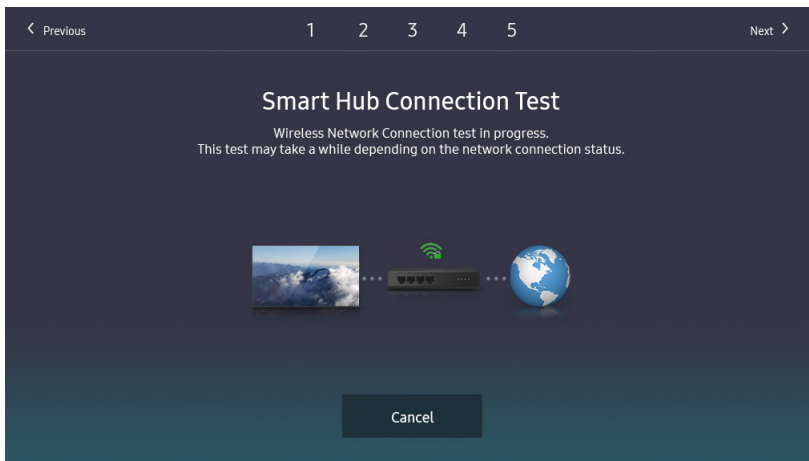
When the TV has difficulties connecting to the Internet, these steps may help resolve the problem.



### 4-6-1. Smart Hub Connection Test



1. Select the **Smart Hub Connection Test** menu.
  - The Test Smart Hub Connection screen appears.



2. Select the number at the top of the screen to see the items below.
  - **Network / Gateway**
    - If there is a problem, test your TV and router connections as this is a network problem. (Network Trouble shooting)
  - **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.

- **ISP Blocking**
  - ✓ If it Fails:
    - Internet Service Provider is Active.
    - With DNS setting at 8888.
    - With Hot Spot.
- **Samsung Server Test**
  - ✓ If it Fails:
    - Network Status.
  - ✓ If OK:
    - Reset Smart Hub.
    - Terms of Agreement are accepted.
- **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.



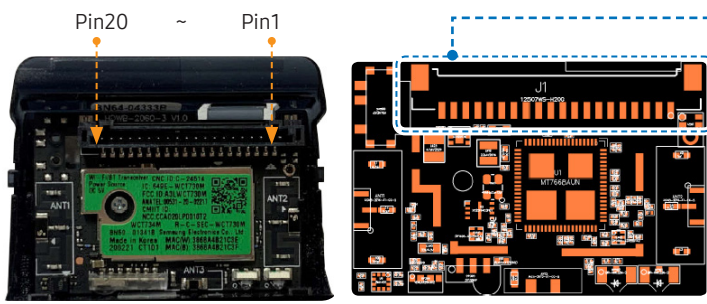
- ✓ If Certificate and ESN exists
  - **CO, Nfo** - Change the DNS to 8.8.8.8.
- ✓ If Certificate is missing
  - **C/** - Replace the TV's Main Board.
- ✓ If ESN number is missing
  - **NF/** - Do not replace the Main Board.
  - Reset TV Clock and check for correct Time & Date. Netflix relies on correct settings.
  - Reset Smart Hub. / Reset Apps In Factory Mode.

## ■ For Streaming Issues

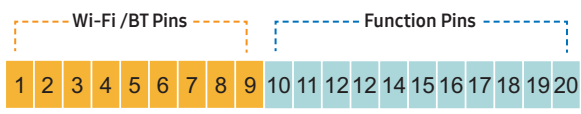
Go to TV Web Browser > speedof.me > testmy.net

- ✓ Check Speed
  - HD streaming : Minimum 5 Mbps
  - 4K Streaming : 25 Mbps
- ✓ Check Latency
  - Up to 50 ms

### 4-7. BlueTooth/WiFi Module



<FUNCTION/IR/BT/WIFI>



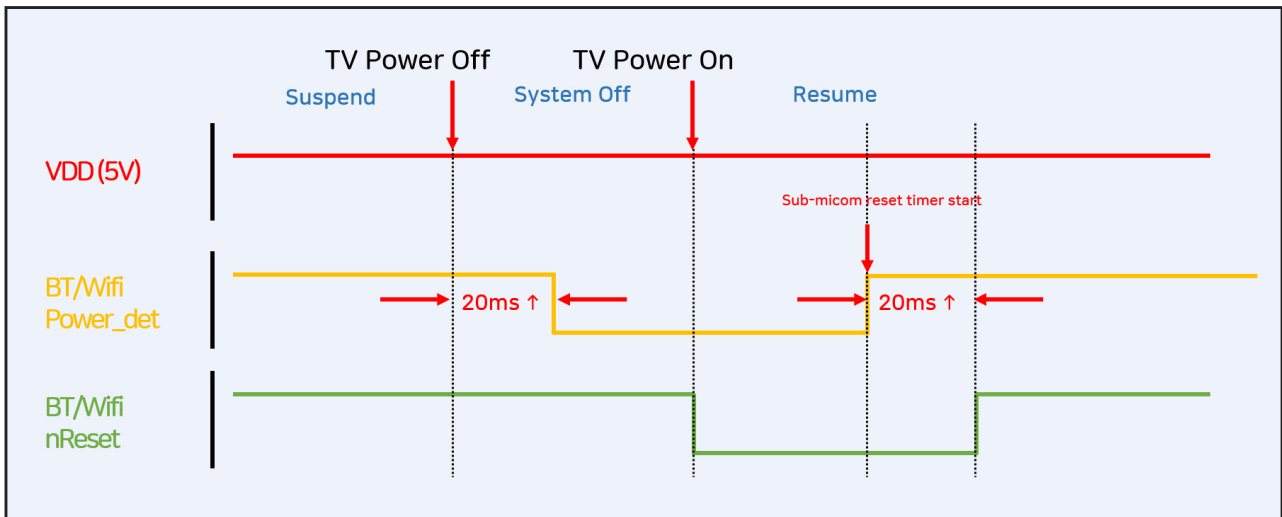
< Function/Wi-Fi/BT Connector Pins with Main Reference Chart >

Function Pins			
1	USB DM	11	KEY1
2	USB DP	12	KEY2
3	GND	13	I2C_SCL
4	UART_TX	14	I2C_SDA
5	BT_WAKLE_UP	15	DMIC_DATA
6	WIFI_SUSPEND	16	DMIC_CLK
7	5V	17	LED
8	WIFI_WAKE_UP	18	GND
9	RESET	19	IR_LED1
10	IR_RX	20	IR_LED2

<WCT733M Pin Assignments>

#### Pin Description

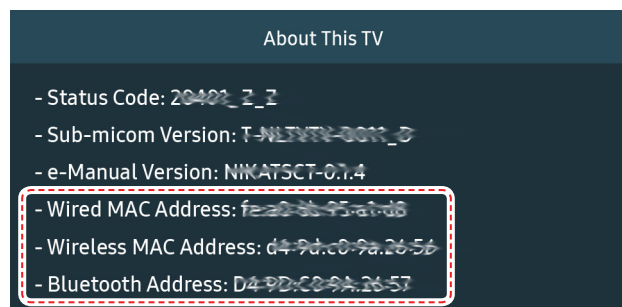
Pins	1	2	3	4	5	6	7	8	9
STBY	0	0	0	3.3Vdc	3.3Vdc	0	5Vdc	3.3Vdc	3.3Vdc
Power On	BT/Wi-Fi Sig (DM) 0.2Vdc effective	BT/Wi-Fi Sig (DM) 0.2Vdc effective	GND 0	3.3Vdc	3.3Vdc	3.3Vdc	VCC 5Vdc	3.3Vdc	3.3Vdc





## ■ About This TV to check

🏠 > ⚙️ Settings > Support > About This TV



- ✓ **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.

## 4-8. Factory Mode

### ■ Setting TV into Factory Mode



AA81-00243A  
(Service Remotes)

#### Factory Remote

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



AA81-00243B  
(Recommended)

#### Samsung IR Remote

1. TV Power Standby.
2. Press as follows.
  - Remote Button

NTSC	MUTE → 1 → 8 → 2 → POWER
PAL	INFO → MENU → MUTE → POWER

### ■ Important Items

- **Option** (must set Option Bytes when replacing Main Board.)
- **Option** → **Factory Reset** (returns TV to out of box condition.)
  - Must perform when replacing Main Board or Full One Connect)
- SVC → Info → **ER Count** (Important to check for errors.)
  - Resets to 0 with Factory Reset.
  - ✓ Check before resetting TV
- SVC → **Test Patterns** (Use to check / troubleshoot) videos errors.
- Control → **EDID** (Use to Reset HDMI Operational Errors)

#### Setting Option Bytes

1. Enter Factory Mode with **Service Remote** (only).
2. Check Option Byte Table located on **GSPN** (Fast Track or Tips).
3. Select **Option**.
4. Select each item to change.
5. Can Use new **Writing Type** to enter model. (if entered wrong it will not change.)
6. Soft power TV Off to load.

Factory Reset	
Type	65A6AUAGT
Writing Type	
Local Set	US
SW Model	UTU7000
Front Color	UTU7000K-U65TK1
Writing Front Color	
Model Code	UN65TU7000FXZA
TUNER	-
Ch Table	NONE

**Performing Factory Reset**

1. Enter Factory Mode.
2. Select **Option > Factory Reset**
3. TV will power off.
4. Perform ALL TV Settings. (New out of box condition)

**First Screen Appearing in Factory Mode**

- Sample : UN65TU7000FXZA

<b>Option</b>	T-KTSU2AKUC-XXXX.XX <span style="border: 1px dashed red; border-radius: 50%; padding: 2px;">1</span>
<b>Control</b>	T-KTSU2INTV-XXXX
<b>Debug</b>	T-KTSU2FP-XXXXXXXXX.XXXXXXXXXX
<b>SVC</b>	TIZEN-ONEMAIN-KantSU2-XXXXX-RELEASE_XXXXXXXXX (Debug)
<b>FMS</b>	BT Version : BLUETOOTH-VER-XXXX <span style="border: 1px dashed red; border-radius: 50%; padding: 2px;">2</span>
<b>ADC/WB</b>	E-Manual:----
<b>Advanced</b>	Blaster Version : Not support
	E-POP Version : ----
	EDID SUCCESS
	HDCP SUCCESS
	CALIB : AV/COMP/PC/HDMI/
	Option : 65A6AUAGT,US,UN65TU7000FXZA,NONE
	FRC-[KANT-SU2 USIT][60Hz]FW:[0x0F] <span style="border: 1px dashed red; border-radius: 50%; padding: 2px;">3</span>
	DIMMING-[GLOBAL]\
	LD FW1 : ----
	LD FW2 : ----
	TCON-[KANT-SU2] FW[xxxx] DATA[xxxx]
	Model : UN65TU7000FXZA <span style="border: 1px dashed red; border-radius: 50%; padding: 2px;">4</span>
	Wired MAC SUCCESS
	Wireless MAC SUCCESS
	WiFi Version : x.x.xx.xxx.xxx. ....
	CO Nfo W/MO D/HX PO AO O S/N PRO FP/SIO WS/DIO UX IO (T
	NS//,1100
	Factory Data Ver : XXX / Fixed Ver : XX
	EERC Version ; XX / WB Ver : 1
	PEQ Version : xxxxxxxx
	SmartControl : ----/---- <span style="border: 1px dashed red; border-radius: 50%; padding: 2px;">5</span>
	Board Info : XXXX/XX/XX/XX/X/B XXX-XXXXXXX
	Factory Reset In Production : ----
	SID : ----
	Date of purchase : --/--/----

## ■ Important Screen Info

1 T-KTSU2AKUC-XXXX.XX  
 T-KTSU2INTV-XXXX  
 T-KTSU2FP-XXXXXXXXX.XXXXXXXXXX  
  
 TIZEN-ONEMAIN-KantSU2-XXXXXX-RELEASE\_XXXXXXXX.X  
 (Debug)

- Micom Version
- Sub Micom
  
- Tizen Platform info

2 BT Version : BLUETOOTH-VER-XXXX  
 E-Manual:----  
 Blaster Version : Not support  
 E-POP Version : ----  
 EDID SUCCESS  
 HDCP SUCCESS  
 CALIB : AV/COMP/PC/HDMI/  
 Option : 65A6AUAGT,US,UN65TU7000FXZA,NONE

- BT Version
- E-Manual
- Blaster Version
- E-POP Version
- EDID Success (Status)
- HDCP Success (Status)

3 FRC-[KANT-SU2 USIT][60Hz][HW:0x0F]  
 DIMMING-[GLOBAL\  
 LD FW1 : ----  
 LD FW2 : ----  
 TCON-[KANT-SU2] FW[xxxx] DATA[xxxx]

- FRC
- Dimming
  
- T-CON

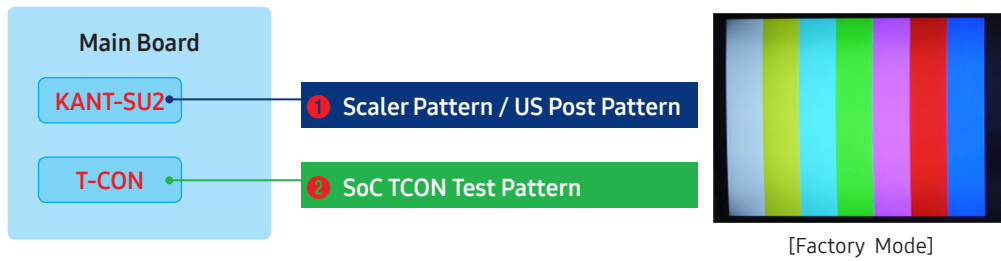
4 Model : UN65TU7000FXZA  
 Wired MAC SUCCESS  
 Wireless MAC SUCCESS  
 WIFI Version : x.x.xx.xxx.xxx.xxxxxx  
 CO NfO W/MO D/HX PO AO O S/N/RO FP/SIO WS/DIO UX IO  
 (T) NS//,1100  
 Factory Data Ver : XXX / Fixed Ver : XX  
 EERC Version ; XX / WB Ver : 1  
 PEQ Version : xxxxxxxx

- Model
- Wired MAC Success
- Wireless MAC Success
- WiFi Version
- CO Status ("O" Operational)
  
- Factory Data Version
- EERC Version

5 SmartControl : ----/----  
 Board Info : XXXX/XX/XX/XX/X/BNXX-XXXXXXXX  
 Factory Reset In Production : ----  
 SID : ----  
 Date of purchase : --/--/----

- Date of Purchase - Initial set up date  
 (Resets with Factory Reset)

## ■ SVC > Test Patterns



### IMPORTANT

FRC PRE / FRC POST Test Patterns

May be available (120 Hz / 240 Hz Models Only)

1. Verify "Scaler Pattern" and "US Post Pattern"
2. Verify "SoC TCON 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
SOC TCON3 Pattern	0
SOC TCON3 Pattern Level	255

### ■ Factory Mode > Control > EDID (Restoring HDMI Inputs)

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

Option	<b>EDID</b>
<b>Control</b>	Sub Option
Debug	Hotel Option
SVC	Shop Option
FMS	Asia Option
ADC/WB	Sound
Advanced	

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

<b>EDID ON/OFF</b>	<b>ON</b>
--------------------	-----------

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

<b>EDID WRITE ALL</b>	<b>Success</b>
-----------------------	----------------

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

<b>EDID WRITE ALL</b>	<b>Wait</b>
-----------------------	-------------

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

<b>EDID WRITE ALL</b>	<b>Success</b>
-----------------------	----------------

## ■ SVC > Info > ER Count

Check each item listed.

WD Count	0	FRC3D Emergency Reboot On/OffON	7915 DETACHMENT COUNT	0
AR Count	0	FRC3D ER Count		0
RS Count	0	TCON PMIC Fault Count		0
RS-FG Count	0	Fan Error Count		0
RS-Launch Count	0	TV20C Serdes Reset Count		0
RS-BG Count	0	OC2TV Serdes Reset Count		0
WiFi NO DETECTION COUNT	0	AOC Diagnosis		
WiFi DETACHMENT COUNT	0	Serdes Hlstory		
BT NO DETECTION COUNT	0	Serdes Hlstory Reset		
BT DETACHMENT COUNT	0	Serdes WatchDog On/Off	OFF	
BT MGT OPEN FAIL COUNT	0	Vcc Fall Count	0	
BT MGT DISCONNECT COUNT	0	HDMI No Signal		
BT TV AUDIO DROP	0	HDMI Blinking		
BT AUDIO TIMER EXP	0	HDMI Color Space		
Camera ER Count	0	7915 NO DETECTION COUNT	0	

## ■ Important Items

- ✓ **WD Count:** Watch Dog  
→ Hardware related issue.
- ✓ **AR Count:** Auto Reset  
→ Software (i.e. Apps) related.
- ✓ **WiFi Count:** Check all listed items
- ✓ **BT Count:** Check all listed items
- ✓ **VCC Fail Count**  
→ Check all listed items.

## 4-9. Replacing Main Board

When replacing Main Board, certain values needs to be manually input in Factory menu to complete the replacement.

### ■ Steps to Replace Main Board

1. Enter Factory Menu (Use Factory Remote only).
  - Power TV on : Select **TV Source** > **Info/Factory** > **Option**
2. Change Each value according to the TV Model.
  - **Type**, **Writing Type**, **Local Set**, **SW Model**, **Front Color**, **Model Code** must be set to correct value.

- Sample Model : UN65TU7000FXZA

### Type

- Check Panel label (located in the back chassis of panel) and choose same Type code from the list.



<Panel Label>

Home	Updates	Exit
Factory Reset		
Type	65A6AUAGT	
Writing Type		
Local Set	US	
SW Model	UTU7000	
Front Color	UTU7000K-U65TK1	
Writing Front Color		
Model Code	UN65TU7000FXZA	
TUNER		

55A1QU7QN	55L1QU7QN
75L1QU7QN	55A1QU8XN
55L1QU7QN	55A1QU7QN
65A1QU9TR	65A6AUAGT
65L1QU9TR	65L1QU7QN
65A1QU8XN	65L1QU8XN
55A6AU0NN	82A1QU9TR

<Type list in the Factory Menu>



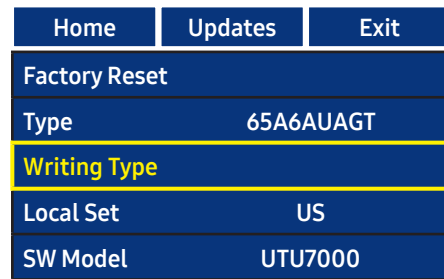
## Writing Type

- For Quick Entry of Type.
  1. Confirm **Type** from Option Byte Table for your TV.
  2. Select **Writing Type**.
  3. "**Set Panel Type**" appears.
  4. Enter exact Model Type using cursors.
  5. Select **OK**.
  6. **Writing Type Success** appears in the Option Table.
    - If the model Type you entered doesn't exist it will not load.
    - If you entered over 10 digits an Information screen box is full appears.
  7. Complete rest of Option Byte Table info.
  8. Press soft power off with remote to enter settings.

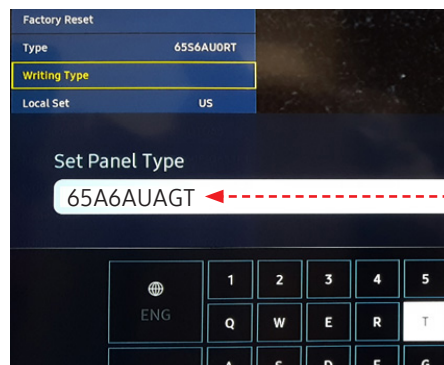


### NOTE

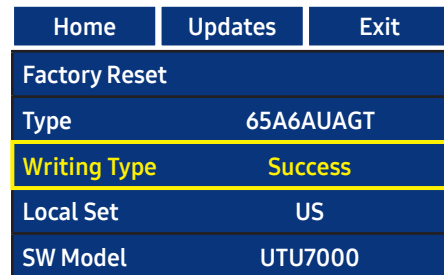
If you made a mistake you can unplug the TV to prevent info from changing options.



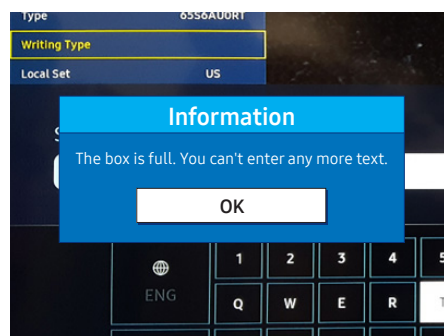
<Select Writing Type>



<Set Writing Type>



<Writing Type Success>



<Writing Type digits exceeded>

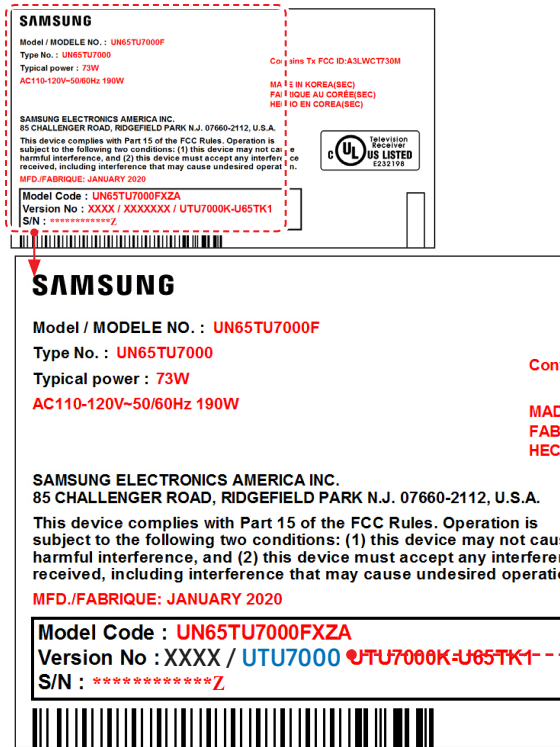
## Local Set

- Set according to Local region(country).

#### 4. Troubleshooting

##### SW Model

- Check Label Rating of the TV (located on the **Rear Cover**).
  - SW Model is digits **after "/"** in **Version No.**
  - Choose same SW Model code from the list.



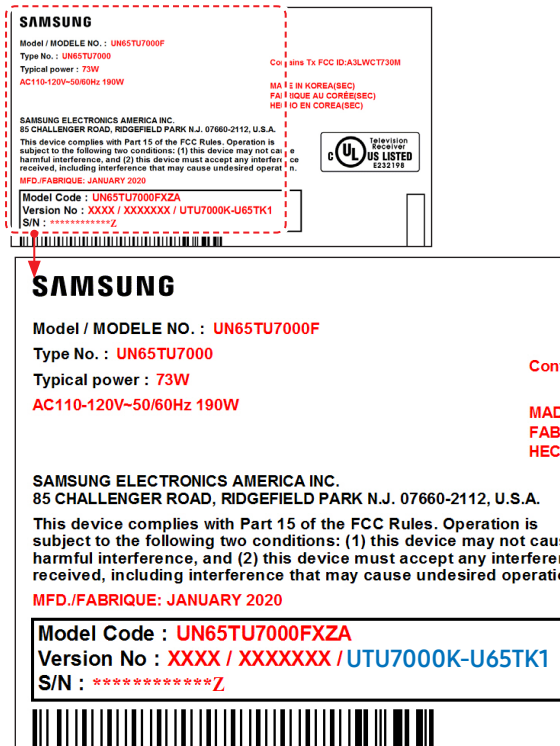
<"SW Model" in Label Rating>

Home	Updates	Exit
Factory Reset		
Type	65A6AUAGT	
Writing Type		
Local Set	US	
<b>SW Model</b>	<b>UTU7000</b>	
Front Color	UTU7000K-U65TK1	
Writing Front Color		
Model Code	UN65TU7000FXZA	
TUNER		
URU7300R	QNQ6F	
QRQ60T	QNQ75C	
URU8000F	QRQ80C	
QRQ70D	<b>UTU7000</b>	
QNQ8FB	QNQ7F	
URU7000JJ	QRQ900Z	
URU7100H	QRQ90B	

<SW Model list in the Factory Menu>

Front Color

- Check Label Rating of the TV (located on the Rear Cover).



<"Front Color" in Label Rating>

Home	Updates	Exit
Factory Reset		
Type	65A6AUAGT	
Writing Type		
Local Set	US	
SW Model	UTU7000	
Front Color	UTU7000K-U65TK1	
Writing Front Color		
Model Code	UN65TU7000FXZA	
TUNER		
QTQ80D-Q49TD1	QTQ950SA-Q85TA1	
QTQ80D-Q55TD1	QTQ800B-Q65TB1	
QTQ80D-Q65TD1	QTQ800B-Q75TB2	
QTQ80D-Q75TD1	UTU7000K-U65TK1	
QTQ80D-Q85TD1	QTQ60F-Q43TF1	
QTQ90C-Q55TC1	QTQ60F-Q50TF1	
QTQ90C-Q65TC1	QTQ60F-Q55TF1	

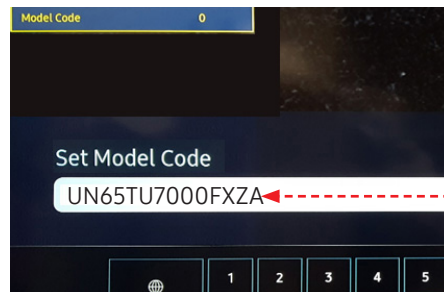
<Front Color list in the Factory Menu>

**Model Code**

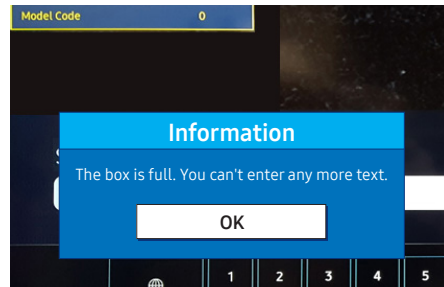
- For Quick Entry of Model Code.
  1. Confirm **Model Code** from Option Byte Table for your TV.
  2. Select **Model Code**.
  3. "**Set Model Code**" appears.
  4. Enter exact Model Code using cursors.
  5. If you entered over 19 digits an **Information** screen **box is full** appears.
    - **IMPORTANT:** It will accept wrong model code, be sure to enter correct code
  6. Complete rest of Option Byte Table info.
  7. Press soft power off with remote to enter settings.

Home	Updates	Exit
Factory Reset		
Type	65A6AUAGT	
Writing Type		
Local Set	US	
SW Model	UTU7000	
Front Color	UTU7000K-U65TK1	
Writing Front Color		
Model Code	UN65TU7000FXZA	
TUNER		

<Select Model Code>



<Set Model Code>



<Model Code digits exceeded>

Home	Updates	Exit
Factory Reset		
Type	65A6AUAGT	
Writing Type		
Local Set	US	
SW Model	UTU7000	
Front Color	UTU7000K-U65TK1	
Writing Front Color		
Model Code	UN65TU7000FXZA11	
TUNER		

<Wrong Model Code Entry>

## 4-10. 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".

### ■ UN58TU7000FXZA

#### • PANEL / SMPS / MAIN Information

Ver	PANEL			SMPS		MAIN	
	Vendor	Code/Spec	Type	Vendor	Code/Spec	ASSY CHASSIS	ASSY PCB MAIN
YA01	CEC	BN95-06374A	58C6AUAGT	SOLUM	BN44-01054C	BN91-21825W	BN94-15314X
		CY-BT058HGPV1V			L55S6_TSM		
YE02	CEC	BN95-06374G	58C6AUBGT	SOLUM	BN44-01054C	BN91-22439B	BN94-15438E
		CY-BT058HGPV5H			L55S6_TSM		
XA03	HKC	BN95-06739A	58K6AUAGT	SOLUM	BN44-01054C	BN91-22573R	BN94-16076V
		CY-BT058HGCV1H			L55S6_TSM		
XC04	HKC	BN95-06739A	58K6AUAGT	DYREL	BN44-01054A	BN91-22573R	BN94-16076V
		CY-BT058HGCV1H			L55S6_TDY		
YG05	CEC	BN95-06374A	58C6AUAGT	DYREL	BN44-01054A	BN91-21825W	BN94-15314X
		CY-BT058HGPV1V			L55S6_TDY		
YL06	CEC	BN95-06374G	58C6AUBGT	DYREL	BN44-01054A	BN91-22439B	BN94-15438E
		CY-BT058HGPV5H			L55S6_TDY		

#### • MAIN Factory Option

Local Set	BOM Model	Front Color	S/W Model
US	7000	UTU7000K-U58TK1	UTU7000

#### • PBA Factory Option

Panel Type	Local Set	S/W Model	BOM Model
00GD000KU	US	UTU7000	Follow S/W Model

■ UN65TU7000FXZA

• PANEL / SMPS / MAIN Information

Ver	PANEL			SMPS		MAIN	
	Vendor	Code/Spec	Type	Vendor	Code/Spec	ASSY CHASSIS	ASSY PCB MAIN
FA01	CEC	BN95-06376C	65A6AUAGT	DYREL	BN44-01055A	BN91-21783A	BN94-15257A
		CY-BT065HGLV3H			L65S6N_TDY		
CC02	CSOT	BN95-06378A	65S6AUAGT	DYREL	BN44-01055A	BN91-22572G	BN94-16076E
		CY-BT065HGHV1V/H			L65S6N_TDY		

• MAIN Factory Option

Local Set	BOM Model	Front Color	S/W Model
US	7000	UTU7000K-U65TK1	UTU7000

• PBA Factory Option

Panel Type	Local Set	S/W Model	BOM Model
00GD000KU	US	UTU7000	Follow S/W Model

## ■ UN70TU7000FXZA

- PANEL / SMPS / MAIN Information

Ver	PANEL			SMPS		MAIN	
	Vendor	Code/Spec	Type	Vendor	Code/Spec	ASSY CHASSIS	ASSY PCB MAIN
YA01	CEC	BN95-06383B	70C6AUAGT	HANSOE	BN44-01056A	BN91-21783K	BN94-15257K
		CY-BT070HGPV2H			L75S6N_THS		
GB02	CHOT	BN95-06499A	70O6AUAGT	HANSOE	BN44-01056A	BN91-22539M	BN94-16077M
		CY-BT070HGV1H			L75S6N_THS		

- MAIN Factory Option

Local Set	BOM Model	Front Color	S/W Model
US	7000	UTU7000K-U70TK1	UTU7000

- PBA Factory Option

Panel Type	Local Set	S/W Model	BOM Model
00GD000KU	US	UTU7000	Follow S/W Model

■ UN75TU7000FXZA

• PANEL / SMPS / MAIN Information

Ver	PANEL			SMPS		MAIN	
	Vendor	Code/Spec	Type	Vendor	Code/Spec	ASSY CHASSIS	ASSY PCB MAIN
FA01	SDC	BN95-06380C	75A6AUAGT	HANSOE	BN44-01056A	BN91-21783B	BN94-15257B
		CY-BT075HGLV3H			L75S6N_THS		
BC02	BOE	BN95-06379C	75B6AUAGT	HANSOE	BN44-01056A	BN91-22510X	BN94-16077S
		CY-BT075HG3EV3H			L75S6N_THS		

• MAIN Factory Option

Local Set	BOM Model	Front Color	S/W Model
US	7000	UTU7000K-U75TK1	UTU7000

• PBA Factory Option

Panel Type	Local Set	S/W Model	BOM Model
00GD000KU	US	UTU7000	Follow S/W Model



## 4-11. Factory Data

### ■ Option

Factory Menu Name	Data	Range
<b>Factory Reset</b>	-	
<b>Type</b>	65A6AUAGT	<ul style="list-style-type: none"> <li>Refer to "4-10. Detail Factory Option".</li> </ul>
<b>Writing Type</b>		
<b>Local set</b>	US	
<b>SW Model</b>	UTU7000	
<b>Front Color</b>		
<b>Writing Front Color</b>		
<b>Model Code</b>	UN65TU7000FXZA	<ul style="list-style-type: none"> <li>58/65/70/75</li> </ul>
<b>TUNER</b>	-	<ul style="list-style-type: none"> <li>NTSC,ATSC</li> </ul>
<b>Ch Table</b>	NONE	
<b>MRT Option</b>		
<b>Production Option</b>		
<b>Engineer Option</b>		

### ■ Control

Factory Menu Name	Data	Range
<b>EDID</b>		
EDID ON/OFF	OFF	
EDID WRITE ALL	...	
EDID WRITE HDMI	...	
EDID WRITE PC	...	
HDMI EDID Ver	...	
HDMI EDID Port	...	
<b>Sub Option</b>		
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	

#### 4. Troubleshooting

Factory Menu Name	Data	Range
ECO IC TYPE	NOT_DETECT	
COLOR IC TYPE	RISG315	
Info Link Server Type	development	
Info Link Country	None	
TTX Group	UserOSD	
OPTION_SWU		
RF Remocon Support	OFF	
CDD mode	...	
DPMS Support	OFF	
T-CON Device	NIKE-L	
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	

Factory Menu Name	Data	Range
FirstScreen Cach Size	300	
<b>Hotel Option</b>		
Hospitality Mode	OFF	
Power On		
Menu OSD		
Operation		
Music Mode		
External Source		
Eco Solution		
Cloning		
<b>Shop Option</b>		
Exhibition Mode	OFF	
Peak Mode	ON	
Metadata	ON	
Shopmode Picture Reset	ON	
<b>Asia Option</b>		
Unbalance	OFF	
AF Level adjust	0	
TX Power Level	0	
Mono Last Memory	OFF	
H Shaking	0	
<b>SOUND</b>		
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	

#### 4. Troubleshooting

Factory Menu Name	Data	Range
Subwoofer Support	3	
Woofer Type	0	
Woofer Volume	0xc7h	
Woofer Scale	0x3fh	
Woofer Check sum	0x0000A273	
PEQ Inx	76	
PEQ Test	Ready	
Speaker EQ	ON	
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
<b>Spread Spectrum</b>		
LVDS Spread	0	
DDR Spread	0	
Period	0	
Amplitude	0	
HD DDR SSC ON OFF	OFF	
HD DDR SSC Value	0	

Factory Menu Name	Data	Range
FHD DDR SSC ON OFF	OFF	
FHD DDR SSC Value	4	
UHD DDR SSC ON OFF	ON	
UHD DDR SSC Value	0	
PeBus SSC ON/OFF	OFF	
PeBus Value	0	
LVDS SSC ON/OFF	OFF	
LVDS SSC Value	0	
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	
<b>DDR Margin</b>		
A CTRL_OFFSET_0_3	0	
A CTRL_OFFSET_D	0	
B CTRL_OFFSET_0_3	0	
B CTRL_OFFSET_D	0	

#### 4. Troubleshooting

Factory Menu Name	Data	Range
<b>BT_ON_OFF</b>	ON	
<b>RF Mute Time</b>	600ms	
<b>Tuner Margin</b>	3	European specifications
<b>FRC</b>		
FRC FDISPLAY ON/OFF	OFF	
3D FDISPLAY ON/OFF	OFF	
PC Mode ON/OFF	OFF	
FRC VX1 RX EQ SETTING	OFF	
FRC VX1 TX Pre_emphasis setting	0	
Netflix OSD Threshold	179	
<b>TCON</b>		
TCON_TEMPREAD	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		
<b>MPEG Margin</b>		
<b>H.264 Margin</b>		
<b>CAM Wait Time</b>		
<b>Voice Debug</b>		
<b>Power Management</b>		
<b>Cert Option</b>		
<b>RM_BIST_DTV</b>		
<b>RM_BIST_ATV</b>		
<b>RM_BIST_CABLE</b>		
<b>SerDES Check</b>		
<b>SerDES Tuner</b>		

Factory Menu Name	Data	Range
HDMI SW	Failure	
HDMI Rx	Failure	
MP Failure		
Main SerDES	Failure	
Jack SerDES	Failure	
<b>Stress Mode</b>		
<b>Log Analyzer</b>		
<b>Error Popup On/Off</b>		
<b>DeadLock KILL</b>		
<b>CES Option</b>		
<b>CES Convergence Option</b>		
<b>CES ATSC 3_0</b>		
<b>CES OOBE MVPD SUPPORT</b>		
<b>BT DUT</b>		
<b>BT Throughput</b>		
<b>Reproduce Module</b>		
<b>21_9</b>		
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	
<b>DB Download</b>		
MRT Option Dump	Failure	
Picture Data Dump	Failure	
VCONF Dump	Failure	
<b>Read Eco Sensor Data</b>		
<b>No Signal Power OFF</b>		
<b>Alert Option</b>		
<b>Default HDMI1 Booting</b>		

## ■ SVC

Factory Menu Name	Data	Range
<b>Self Test(for HW)</b>		* the Output of test pattern from each IC
<b>Info</b>		
<b>Reset</b>		
Apps Reset		
SVC Reset		
SPI Flash Reset		
Data Sync Reset		
Factory Data Reset		
<b>OPTION_HDMI</b>		
DVI/HDMI SOUND	Auto	
HDMI HOT PLUG	Disable	
HOTPLUG SWITCHING	Auto	
HOT PLUG DURATION	800ms	
CLK TERM DURATION	300ms	
HDMI FLT CNT SIG	0ms	
HDMI FLT CND SIG2		
HDMI FLT CNT LOS	0ms	
UNSTABLE BAN CNT	1250ms	
HDMI ROBIN	0	
HDMI Callback	ON	
HDMI CTS Thld	0	
HDMI CTS Cnt1	0	
HDMI EQ	0	
HDMI Write Type	0	
HDMI Switch	0	
DVI SET TIME	0	
H Write	0	
HDMI Sync	0	
HDMI 3D DET	1	
HOT PLUG OFF HOLD TIME	600ms	
HDMI MUTE TIME	0ms	
HDMI NFST UNMUTE TIME	800ms	
HDMI FST UNMUTE TIME	0ms	
REPEA AUDIO PKT	OFF	
HDMI Stable Count	3	



Factory Menu Name	Data	Range
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	
<b>DVB CI</b>		
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	
<b>Test Pattern</b>		
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	
<b>Upgrade</b>		
T-CON DATA UPGRADE		
T-CON FW UPGRADE		
T-CON CheckSum		
T-CON2 Usb Download		
T-CON2 CheckSum		
PANEL EEPROM UPGRADE		

#### 4. Troubleshooting

Factory Menu Name	Data	Range
PANEL FLASH UPGRADE		
Logic Usb D/L		
SUBMICOM UPGRADE		* Upgrade Sub-Micom Program
SUBMICOM JP USB UPGRADE		
BT UPGRADE		
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		
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		
<b>Other Setting</b>		
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		

Factory Menu Name	Data	Range
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	
<b>SVC Panel</b>	ORIGINAL	
<b>S/N</b>		
Serial number		
Writing S/N		

## ■ ADC/WB

Factory Menu Name	Data	Range
<b>ADC</b>		
AV Calibration		
Comp Calibration		
PC Calibration		
HDMI Calibration		
<b>ADC Result</b>		
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	
<b>White Balance</b>		
R-Offset	128	

#### 4. Troubleshooting

Factory Menu Name	Data	Range
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	
<b>MGA</b>		
MGA On/Off	OFF	
R1_Gain		
G1_Gain		
B1_Gain		
R2_Gain		
G2_Gain		
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		

Factory Menu Name	Data	Range
R8_Gain		
G8_Gain		
B8_Gain		
R9_Gain		
G9_Gain		
B9_Gain		
R10_Gain		
G10_Gain		
B10_Gain		
<b>SPI White Balance</b>		
SPI White Balance On/Off		
SPI R-Offset		
SPI G-Offset		
SPI B-Offset		
SPI R-Gain		
SPI G-Gain		
SPI B-Gain		
SPI N Rgain		
SPI N Bgain		
SPI N Roffset		
SPI N Boffset		
SPI W2 Rgain		
SPI W2 Bgain		
SPI W2 Roffset		
SPI W2 Boffset		
<b>SPI MGA</b>		
<b>WB Data to SPI</b>		

## ■ Advanced

## 4-12. 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	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	
		Relax					0x07	
PICTURE	BackLight(CellLight)		0~20		0x01	0x00	(0~20)	
	Contrast		0~100		0x02	0x00	(0~100)	
	Brightness		0~100		0x03	0x00	(0~100)	
	Sharpness		0~100		0x04	0x00	(0~100)	
	Color		0~10		0x05	0x00	(0~100)	
	Tint	G/R			0x06	0x00	(0~100)	
	Advanced Settings	Black Tone	Off			0x07	0x00	0x00
			Dark					0x01
			Darker					0x02
			Darkest					0x03
		Dynamic Contrast	Off				0x01	0x00
			Low					0x01
			Medium					0x02
			High					0x03
		Gamma		-3 ~ 3			0x03	(-3~3)
		RGB Only Mode	Off				0x05	0x00
			Red					0x01
			Green					0x02
			Blue					0x03
		Color Space	Auto				0x06	0x00
			Native					0x01
			Custom					0x02
		White Balance	R-Offset(LCD)				0x07	(-50~50)
			G-Offset(LCD)				0x08	(-50~50)
			B-Offset(LCD)				0x09	(-50~50)
			R-Gain(LCD)				0x0a	(-50~50)
			G-Gain(LCD)				0x0b	(-50~50)
			B-Gain(LCD)				0x0c	(-50~50)
			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	fixed command
		Color Space Custom Color Green Value	0~100			0x14	0~100	fixed command
		Color Space Custom Color Blue Value	0~100			0x15	0~100	fixed command
		Color Space Custom Reset				0x1c	0x00	fixed command
		LED Motion Plus	Off		0x0a	0x07	0x00	
			On(Normal)				0x01	
			Cinema				0x02	
			Ticker				0x03	
		10p White Balance	Off		0x07	0x16	0x00	fixed command
			On		0x07	0x16	0x01	fixed command
			Interval		0x07	0x17	(1~10)	fixed command
			Red		0x07	0x18	(-50~50)	fixed command
			Green		0x07	0x19	(-50~50)	fixed command
			Blue		0x07	0x1a	(1~10)	fixed command
			Reset		0x00	0x1b	0x00	fixed command
	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		
		Low				0x01		
Film Mode		Off			0x05	0x00		



Control Item				Cmd1	Cmd2	Cmd3	Value		
PICTURE			Auto1				0x01		
	Film Mode	Auto2					0x02		
			Cinema Smooth					0x03	
		Auto Motion Plus	Off			0x06		0x00	
			Clear					0x01	
			Standard					0x02	
			Smooth					0x03	
		Custom					0x04		
		Blur Reduction				0x0b	0x01	value	fixed command
		Judder Reduction					0x02	value	fixed command
		LED Clear Motion	Off				0x03	0x00	fixed command
		LED Clear Motion	On					0x01	fixed command
		HDMI1 UHD Color Mode	Off				0x04	0x00	fixed command
			On					0x01	fixed command
		HDMI2 UHD Color Mode	Off				0x05	0x00	fixed command
	On						0x01	fixed command	
	HDMI3 UHD Color Mode	Off				0x06	0x00	fixed command	
		On					0x01	fixed command	
	HDMI4 UHD Color Mode	Off				0x07	0x00	fixed command	
		On					0x01	fixed command	
	Analog Clean View	On				0x08	0x00	fixed command	
	Screen Adjustment	Picture Size	16:9		0x0b	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		

Control Item				Cmd1	Cmd2	Cmd3	Value		
PICTURE	Screen Adjustment	Position	Position2				0x01		
			Position3				0x02		
			Position4				0x03		
	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	fixed command
		Current Source						0x01	
	Pip	PIP	Off		0x0b	0x08	0x00	0x00	fixed command
			On					0x01	fixed command
			Antenna				0x01	0xff	fixed command
			Size				0x02	0xff	fixed command
			Position				0x03	0xff	fixed command

Control Item				Cmd1	Cmd2	Cmd3	Value		
			Sound_Select_Main			0x04	0x00	fixed command	
PICTURE	Pip		Sound_Select_Sub				0x01	fixed command	
			Channel_Up			0x05	0x00	fixed command	
			Channel_Down				0x01	fixed command	
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	
		Normal						0x01	
		Night						0x02	
	Speaker Select	TV Speaker				0x07	0x00	0x00	
		External Speaker						0x01	
		Audio Out						0x01	
	Sound Select	Main				0x08	0x00	0x00	
		Sub						0x01	
Sound Reset	Sound Reset				0x09	0x00	0x00		
3D Audio	Off				0x0a	0x00	0x00		

4. Troubleshooting

Control Item				Cmd1	Cmd2	Cmd3	Value
		Low					0x01
		Medium					0x02
		High					0x03
Sound	TV Installation Type	Stand			0x0c	0x00	0x00
		Wallmount					0x01
	Audio Delay	Dealy Value (0~250)			0x0d	0x00	0~250 (0x00~0xFA)
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
	Volume(0~100)			0xf0	0x01	0x00	0x00
	Mute (On/Off)			0xf0	0x02	0x00	0x00
	Channel Number			0xf0	0x03	0x00	0x00
	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)

## 4-13. Updating the TV's Software

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




**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. Video and audio settings will be reset to their defaults after a software update.**

-  >  **Settings** > **Support** > **Software Update**

### ■ Updating through the Internet


-  >  **Settings** > **Support** > **Software Update** > **Update Now**

 Updating from the Internet requires an active Internet connection.

### ■ Updating through a USB device

-  >  **Settings** > **Support** > **Software Update** > **Update Now**

After downloading the update file from the Samsung website and storing it on a USB device, connect the USB device to the TV to update.


 To update using a USB device, 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.

### ■ Updating the TV automatically

-  >  **Settings** > **Support** > **Software Update** > **Auto Update**

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

If you agree to the Smart Hub terms and conditions, **Auto Update** is set to **On** automatically. If you want this function disabled, use the Select button to turn it off.

 This function may take a longer time if another network function is running concurrently.



 This function requires an Internet connection.

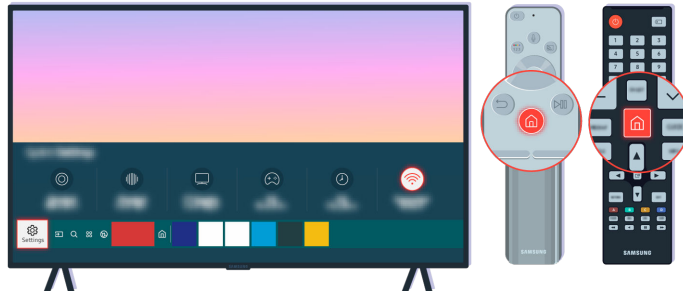
## 4-13-1. Updating to the latest TV software

If you want to keep the TV in its best condition, or if you have an intermittent issue, please update it to the latest version.

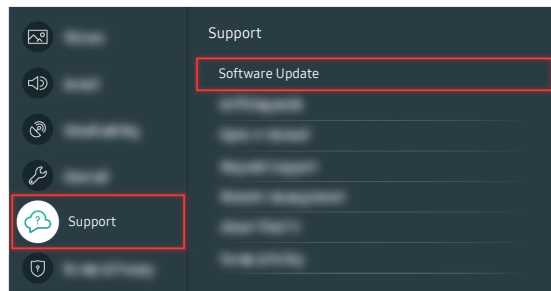


The color and design of the TV and its accessories and the features of the TV may differ depending on the model or geographical area.

1. If your TV is connected to the Internet, you can set it to receive periodic updates automatically. On the remote control, press the  button and move to  **Settings** using the directional button.



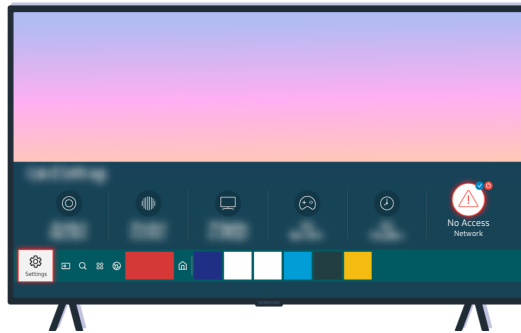
2. To enable automatic updates, select   **Settings** > **Support** > **Software Update** > **Auto Update**.



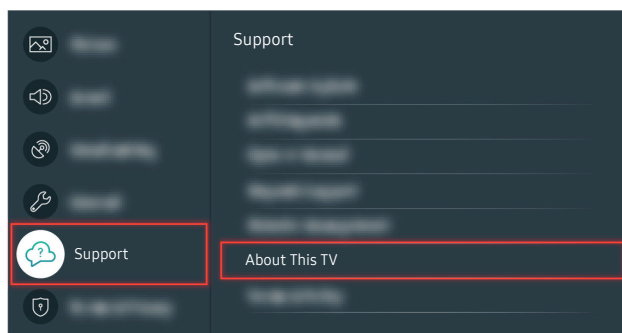
3. If your TV is not connected to the Internet, you can update the software using a USB drive.



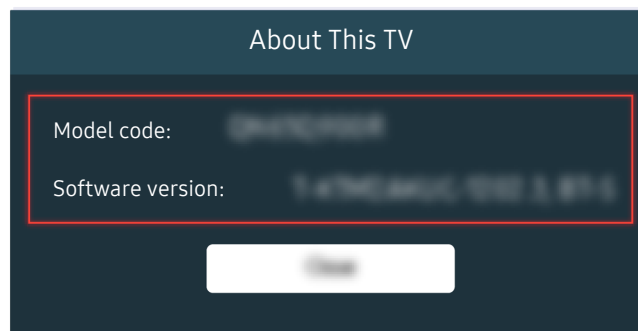
4. Select  >  **Settings** > **Support** > **About This TV** and check the model code and software version.



5. Select  >  **Settings** > **Support** > **About This TV** and check the model code and software version.



6. Select  >  **Settings** > **Support** > **About This TV** check the model code and software version.



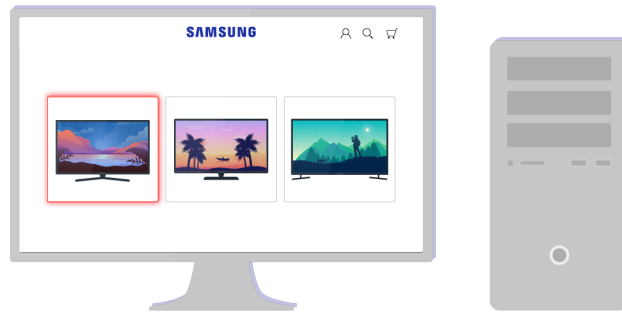
7. Using a computer, connect to [www.samsung.com](http://www.samsung.com).



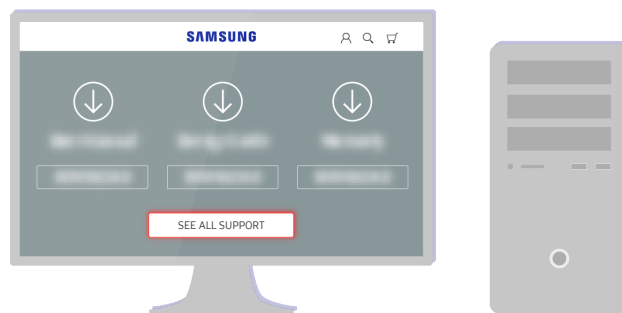
#### 4. Troubleshooting

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8. Find your TV model and download the firmware file.



9. Find your TV model and download the firmware file.



10. Click Download to download the firmware.



11. Unzip the downloaded file and store it in your USB drive top folder.





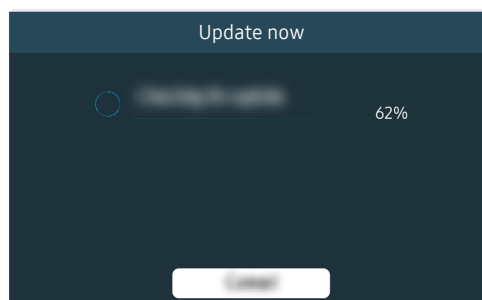
12. Unzip the downloaded file and store it in your USB drive top folder.



13. Insert the USB device into the USB slot on the back of your TV or the side of the One Connect Box.



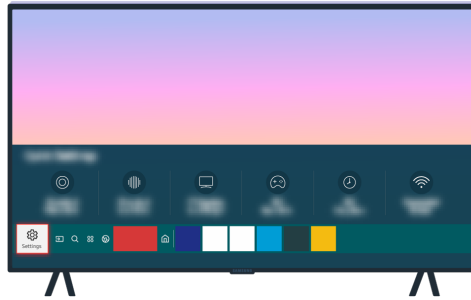
14. The firmware update begins automatically. Your TV will automatically powercycle when the firmware update is completed. Do not turn off your TV while the firmware update is in progress.



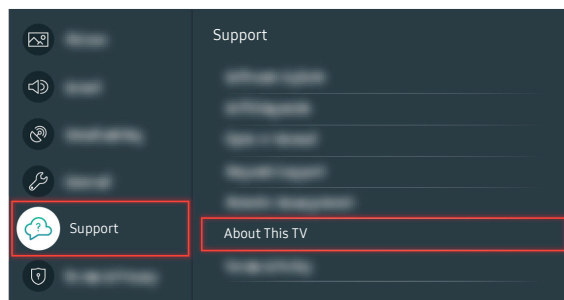
## 4. Troubleshooting

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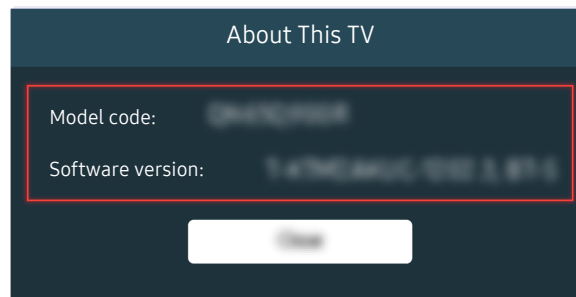
15. After your TV turns on, select  >  **Settings** > **Support** > **About This TV** and check the new firmware version.



16. After your TV turns on, select  >  **Settings** > **Support** > **About This TV** and check the new firmware version.



17. After your TV turns on, select  >  **Settings** > **Support** > **About This TV** and check the new firmware version.



### Related menu path

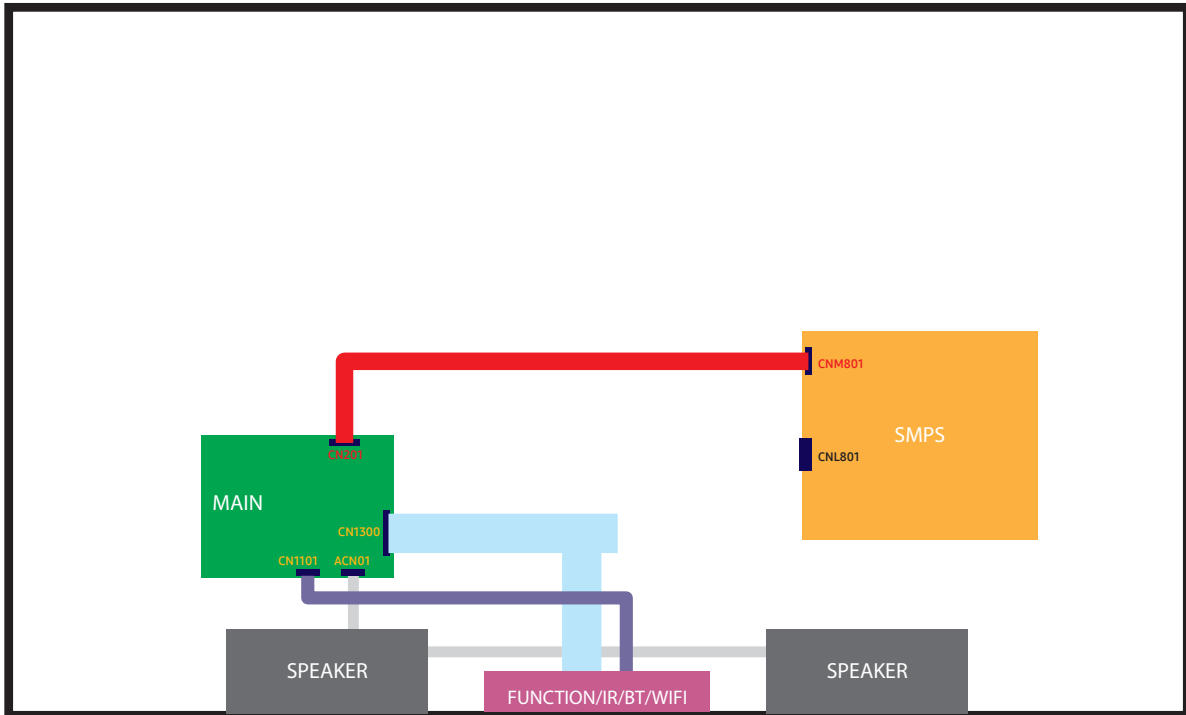
 >  **Settings** > **Support** > **Software Update** > **Auto Update**

 >  **Settings** > **Support** > **About This TV**

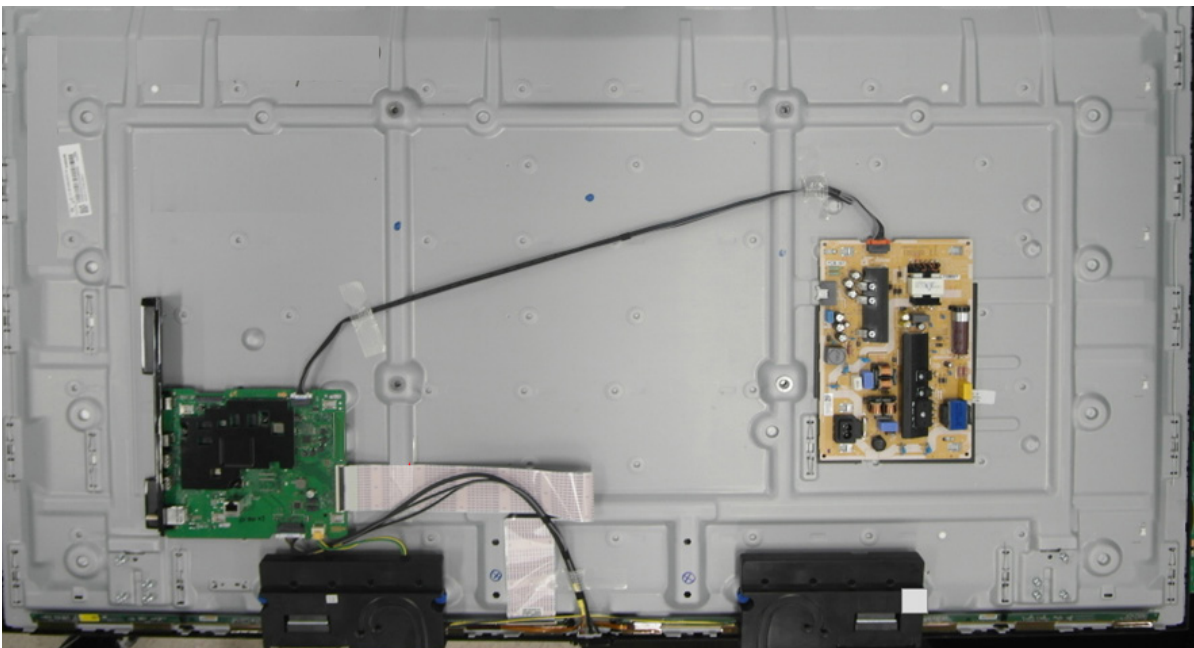
## 5. Wiring Diagram

### 5-1. Wiring Diagram

- 58 / 70 inches

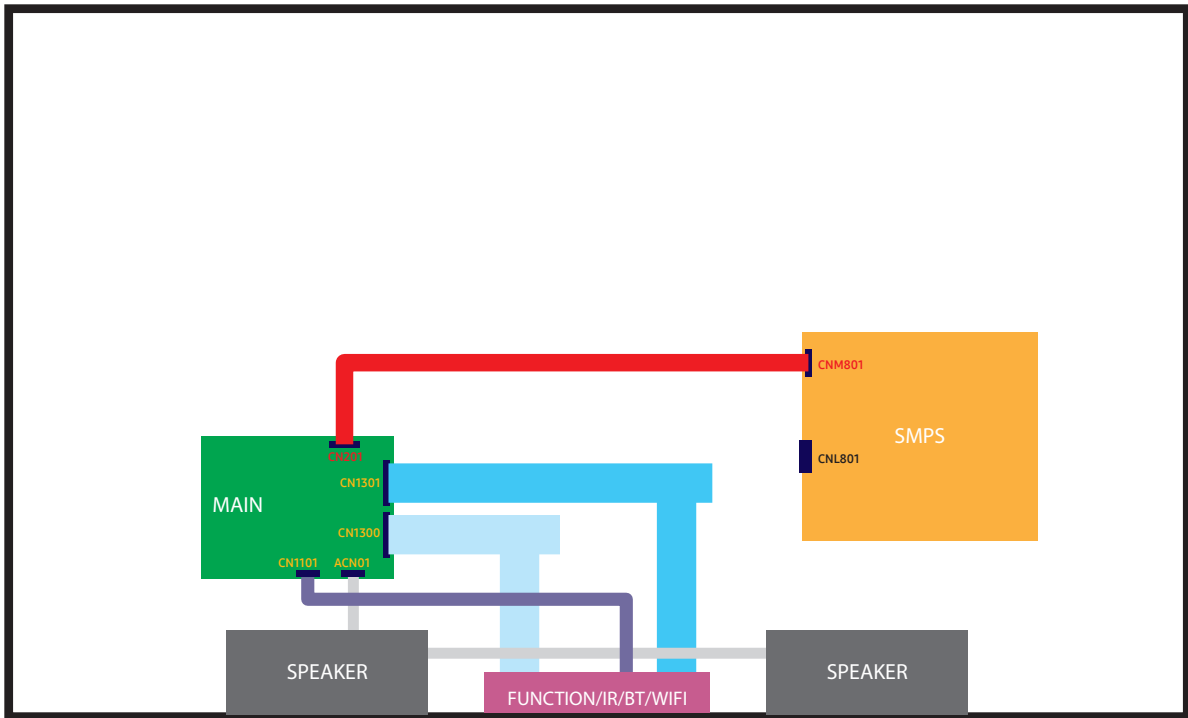


- 58 / 70 inches\_inner

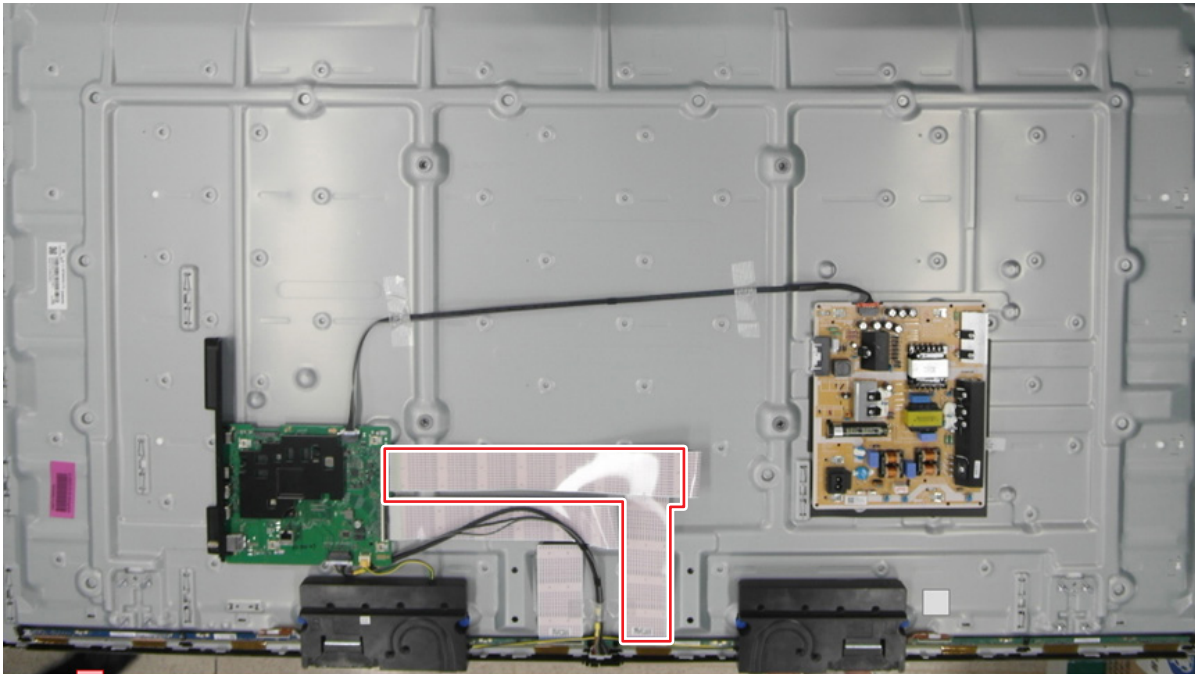


## 5. Wiring Diagram

- 65 / 75 inches

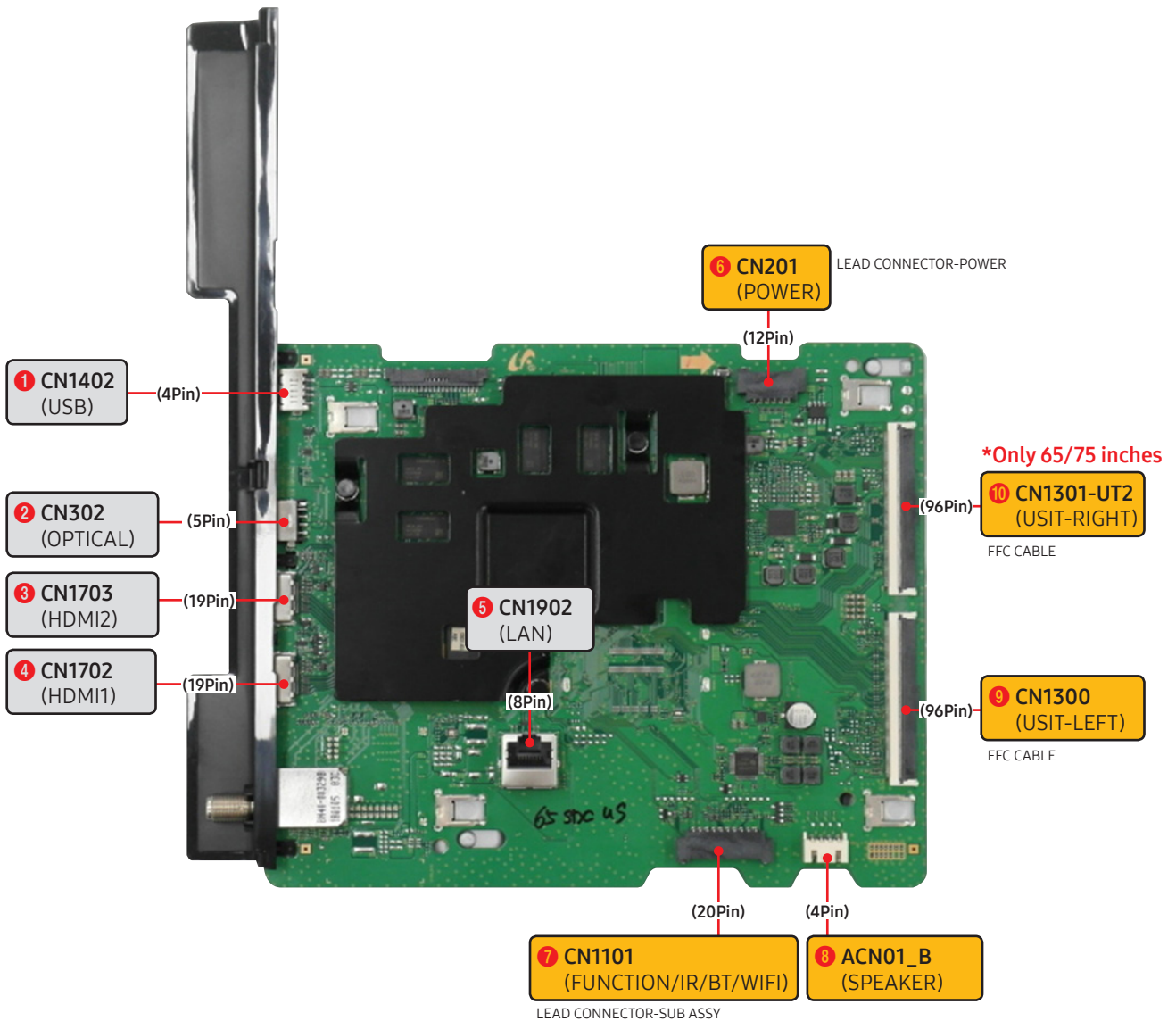


- 65 / 75 inches\_inner



## 5-2. Connector

### 5-2-1. Main Board



#### ■ Main Board Pin Map

1 CN1402 (USB)				2 CN302 (OPTICAL)			
1	A5V_USB_PW	2	D-	1	SPDIF_OUT	2	B5V_PW
3	D+	4	GND	3	DGND	4	IDENT_SPDIF
				5	DGND		

## 5. Wiring Diagram

<b>3 CN1703 (HDMI2)</b>			
1	HDMI2_RX2+_HDMI	2	GND
3	HDMI2_RX2-_HDMI	4	HDMI2_RX1+_HDMI
5	GND	6	HDMI2_RX1-_HDMI
7	HDMI2_RX0+_HDMI	8	GND
9	HDMI2_RX0-_HDMI	10	HDMI2_RX_CLK+_HDMI
11	GND	12	HDMI2_RX_CLK-_HDMI
13	CEC	14	EARC+
15	HDMI2_SCL_DDC	16	HDMI2_SDA_DDC
17	HDMI2_CABLE_DET	18	HDMI2_5V
19	EARC-		

<b>4 CN1702 (HDMI1)</b>			
1	HDMI1_RX2+_HDMI	2	GND
3	HDMI1_RX2-_HDMI	4	HDMI1_RX1+_HDMI
5	GND	6	HDMI1_RX1-_HDMI
7	HDMI1_RX0+_HDMI	8	GND
9	HDMI1_RX0-_HDMI	10	HDMI1_RX_CLK+_HDMI
11	GND	12	HDMI1_RX_CLK-_HDMI
13	CEC	14	EARC+
15	HDMI1_SCL_DDC	16	HDMI1_SDA_DDC
17	HDMI1_CABLE_DET	18	HDMI1_5V
19	EARC-		

<b>5 CN1902_LAN</b>			
1	LAN_TXD+_LAN	2	GND
3	LAN_TXD-_LAN	4	LAN_RXD+_LAN
5	GND	6	LAN_RXD-_LAN
7	-	8	GND

<b>6 CN201 (POWER)</b>			
1	GND	2	GND
3	A13V	4	GND
5	A13V	6	SW_POWER_OUT
7	A13V	8	PWM_DIMMING_OUT1
9	A13V	10	-
11	GND	12	ANA_DIMMING

<b>7 CN1101 (FUNCTION/IR/BT/WIFI)</b>			
1	USB DM	2	USB DP
3	GND	4	UART_TX
5	BT_WAKE_UP	6	WIFI_SUSPEND
7	5V	8	WIFI_WAKE_UP
9	RESET	10	IR_RX
11	KEY1	12	KEY2
13	I2C_SCL	14	I2C_SDA
15	DMIC_DATA	16	DMIC_CLK
17	LED	18	GND
19	IR_LED1	20	IR_LED2

<b>8 ACN01_B (SPEAKER)</b>			
1	MID_R+	2	MID_R-
3	MID_L+	4	MID_L-

11 CN1300 (USIT LEFT)							
1	FB_TRDY_1	2	GND	3	PANEL_3.3V_PW	4	PANEL_3.3V_PW
5	FB_VCOM1_2_CELL	6	VCOM1_CELL	7	VCOM2_CELL	8	VCOM3_CELL
9	VSS_OUT1_CELL	10	VOFF_-11V_PW	11	VGHD_30V_PW	12	CKV1_GOA
13	CKV2_GOA	14	CKV3_GOA	15	CKV4_GOA	16	CKVB1_GOA
17	CKVB2_GOA	18	CKVB3_GOA	19	CKVB4_GOA	20	STVP1_GOA
21	STVP1_GOA	22	ST_GOA	23	DEMURA_SSPFRM_SPI	24	DEMURA_SSPCLK_SPI
25	DEMURA_SSPHOLD_SPI	26	DEMURA_SSPWP_SPI	27	DEMURA_SSPRXD_SPI	28	DEMURA_SSPTXD_SPI
29	DEMURA_SSPFRM_SPI	30	SFC2	31	GND	32	DEMURA_SSPRXD_SPI
33	DEMURA_SSPTXD_SPI	34	GND	35	DEMURA_SSPFRM_SPI	36	DEMURA_SSPHOLD_SPI
37	GND	38	VCCA_1.9V_PW	39	VCCB_1.8V_PW	40	GND
41	-	42	PI_DSF_MON	43	GND	44	1CH0+_USIT
45	1CH0-_USIT	46	GND	47	CH1+_USIT	48	CH1-_USIT
49	GND	50	1CH2+_USIT	51	1CH2-_USIT	52	GND
53	CH3+_USIT	54	CH3-_USIT	55	GND	56	1CH4+_USIT
57	1CH4-_USIT	58	GND	59	CH5+_USIT	60	CH5-_USIT
61	GND	62	1CH9+_USIT	63	1CH6-_USIT	64	GND
65	CH7+_USIT	66	CH7-_USIT	67	GND	68	1CHB+_USIT
69	1CH8-_USIT	70	GND	71	TX2+_VBY1	72	TX2-_VBY1
73	GND	74	1CH10+_USIT	75	1CH10-_USIT	76	GND
77	CH11+_USIT	78	CH11-_USIT	79	GND	80	SFC1
81	GND	82	PI_DSF_MON	83	PORTNUM	84	VCCA_1.9V_PW
85	VCCB_1.8V_PW	86	LL_CELL	87	LH_CELL	88	HAVDD_8.5V_PW
89	UL_CELL	90	UH_CELL	91	AVDD_17v_PW	92	AVDD_17V_PW
93	AVDD_17V_PW	94	AVDD_17V_PW	95	N.C	96	FB_TRDY_2

5. Wiring Diagram

\*Only 65/75 inches

10 CN1301_UT2 (USIT-RIGHT)							
1	FB_TRDY_2	2	N.C.	3	AVDD_17V_PW	4	AVDD_17V_PW
5	AVDD_17V_PW	6	AVDD_17V_PW	7	UH_CELL	8	UL_CELL
9	HAVDD_8.5V_PW	10	LH_CELL	11	LL_CELL	12	VCCB_1.8V_PW
13	VCCA_1.9V_PW	14	PI_DSF_MON	15	PORTNUM	16	GND
17	N.C.	18	N.C.	19	N.C.	20	GND
21	SFC1	22	GND	23	N.C.	24	N.C.
25	GND	26	2CH10+_USIT	27	2CH10-_USIT2	28	GND
29	N.C.	30	N.C	31	GND	32	2CH8+_USIT2
33	2CH8-_USIT	34	GND	35	N.C.	36	N.C.
37	GND	38	2CH6+_USIT	39	2CH6-_USIT2	40	GND
41	N.C	42	N.C	43	GND	44	2CH4+_USIT2
45	2CH4-_USIT	46	GND	47	N.C.	48	N.C.
49	GND	50	2CH2+_USIT	51	2CH2-_USIT2	52	GND
53	N.C	54	N.C	55	GND	56	2CH0+_USIT2
57	2CH0-_USIT	58	GND	59	N.C.	60	N.C.
61	GND	62	N.C	63	N.C.	64	GND
65	N.C	66	N.C	67	GND	68	N.C.
69	N.C	70	GND	71	SFC2	72	GND
73	ST_GOA	74	LC1_VGP1_GOA	75	STVP1_GOA	76	CKVB4_GOA
77	CKVB3_GOA	78	CKVB2_GOA	79	CKVB1_GOA	80	CKV4_GOA
81	CKV3_GOA	82	CKV2_GOA	83	CKV1_GOA	84	CKV+_O
85	VOFF_-11V_PW	86	VSS_OUT2_CELL	87	N.C.	88	VCOM3_CELL
89	FB_VCOM3_CELL	90	VCOM2_CELL	91	VCOM1_CELL	92	BLINK_O
93	PANEL_3.3V_PW	94	PANEL_3.3V_PW	95	FB_TRDY_3	96	FB_TRDY_3



## 5-2-2. SMPS Board

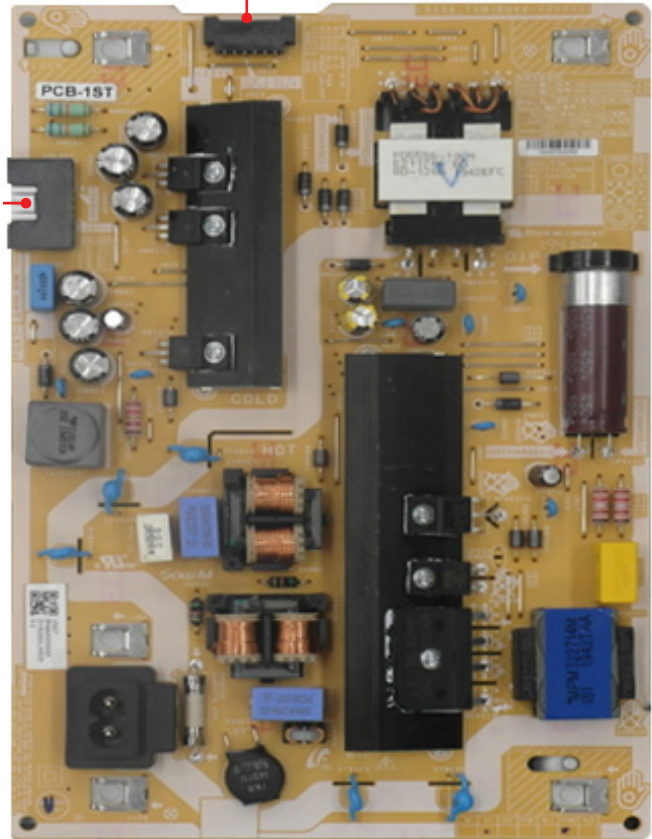
- 58 inches

**1** CNM801  
(To Main Board)  
LEAD CONNECTOR-POWER

(12Pin)

**2** CNL801

(4Pin)



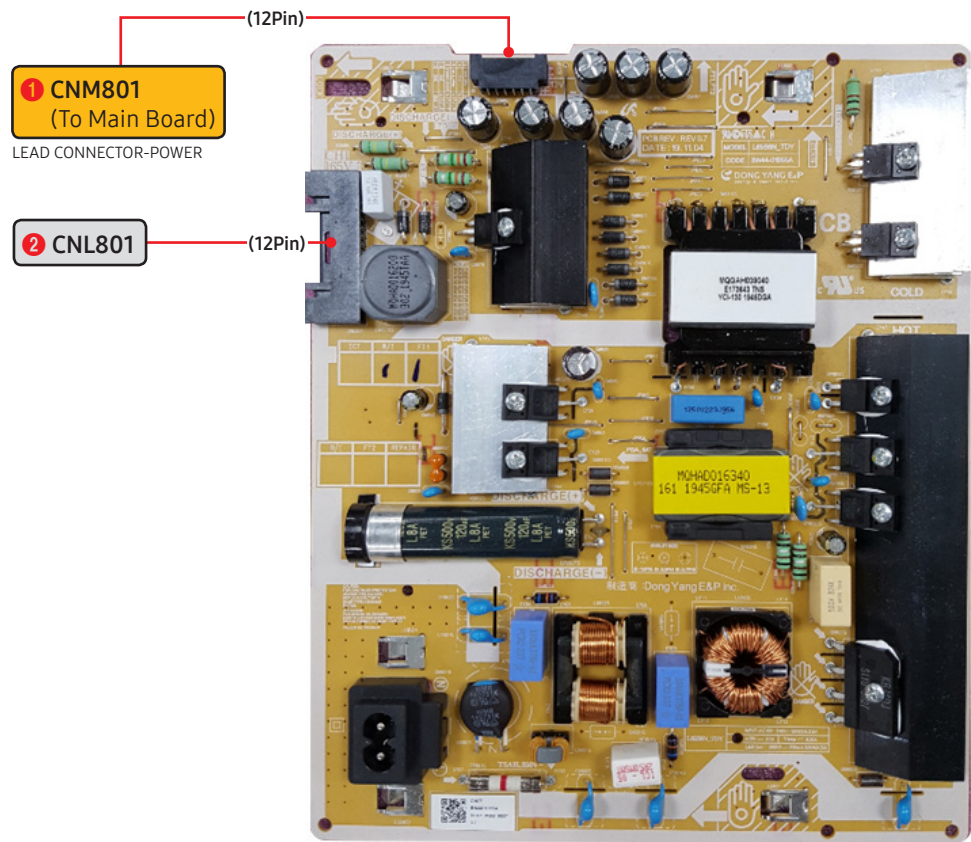
### ■ SMPS Board Pin Map

<b>1</b> CNM801			
1	GND	2	ANA-DIM
3	A13V	4	N.C
5	A13V	6	BLU_PWM
7	A13V	8	Power On/off
9	A13V	10	GND
11	GND	12	GND

<b>2</b> CNL801			
1	1+	2	1-
3	2+	4	2-

## 5. Wiring Diagram

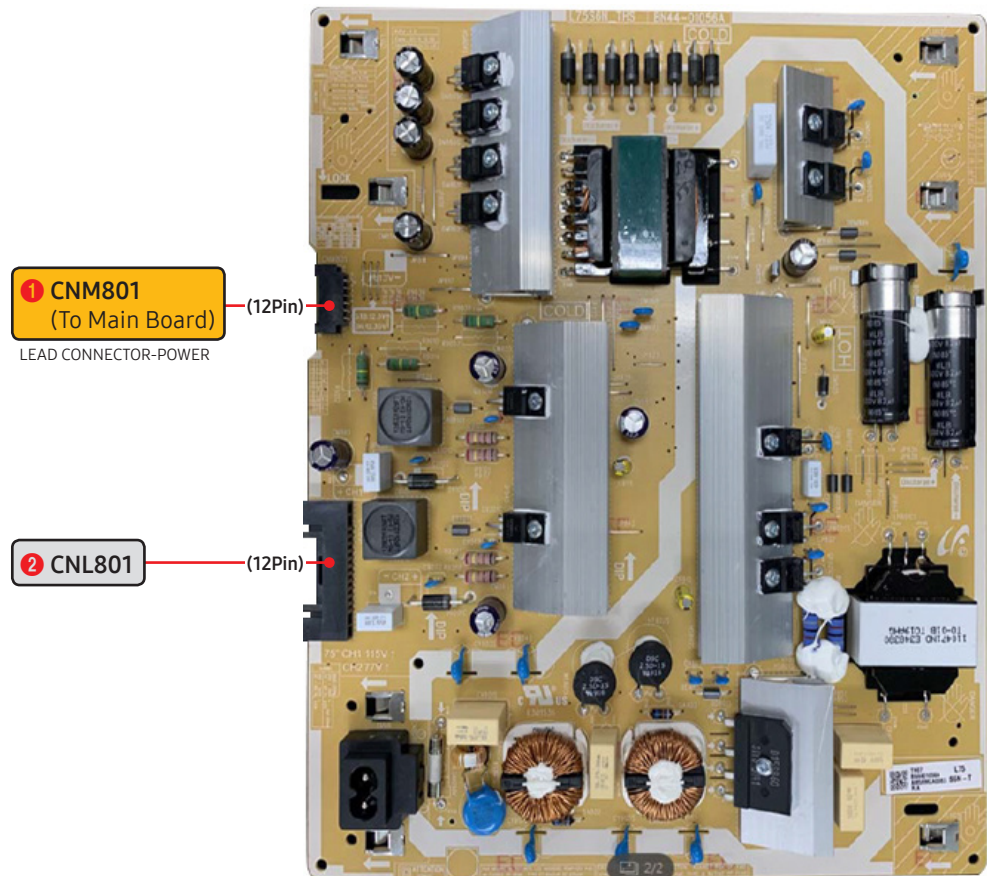
- 65 inches



### ■ SMPS Board Pin Map

1 CNM801				2 CNL801			
1	GND	2	ANA-DIM	1	1+	2	1-
3	A13V	4	N.C	3	2+	4	2-
5	A13V	6	BLU_PWM	5	3+	6	3-
7	A13V	8	Power On/off	7	4+	8	4-
9	A13V	10	GND	9	5+	10	N.C
11	GND	12	GND	11	N.C	12	5-

- 70 / 75 inches

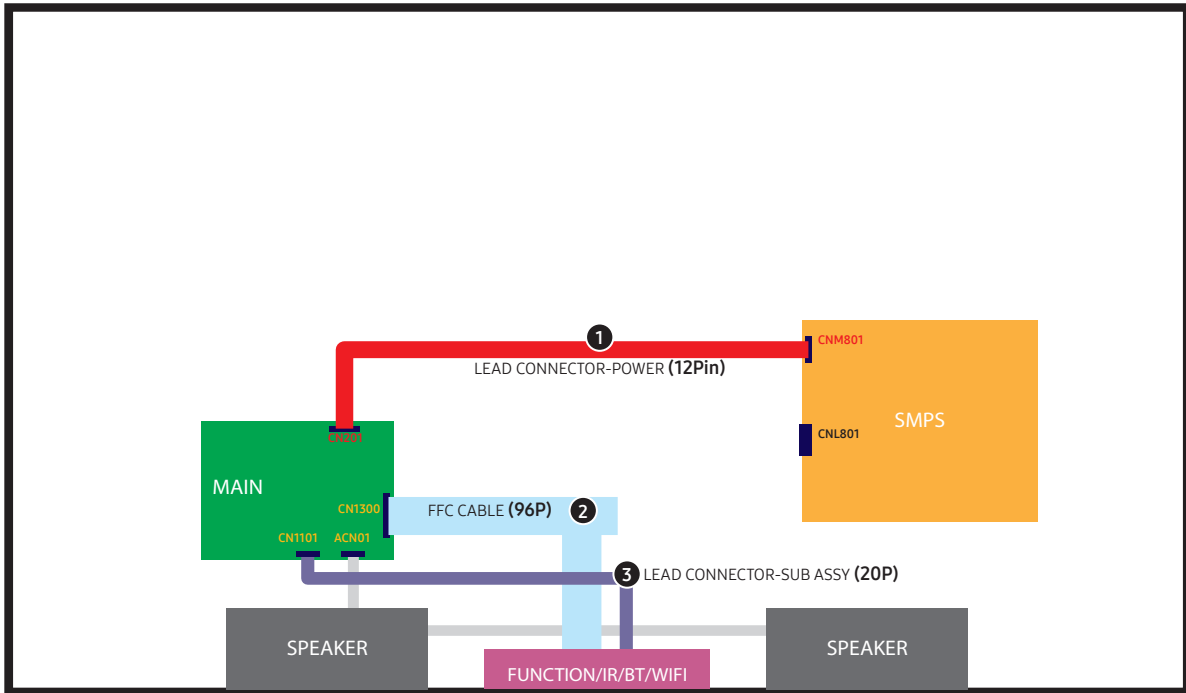


■ SMPS Board Pin Map

1 CNM801				2 CNL801			
1	GND	2	ANA-DIM	1	1+	2	1-
3	A13V	4	N.C	3	2+	4	2-
5	A13V	6	BLU_PWM	5	3+	6	3-
7	A13V	8	Power On/off	7	4+	8	4-
9	A13V	10	GND	9	5+	10	5-
11	GND	12	GND	11	6+	12	6-

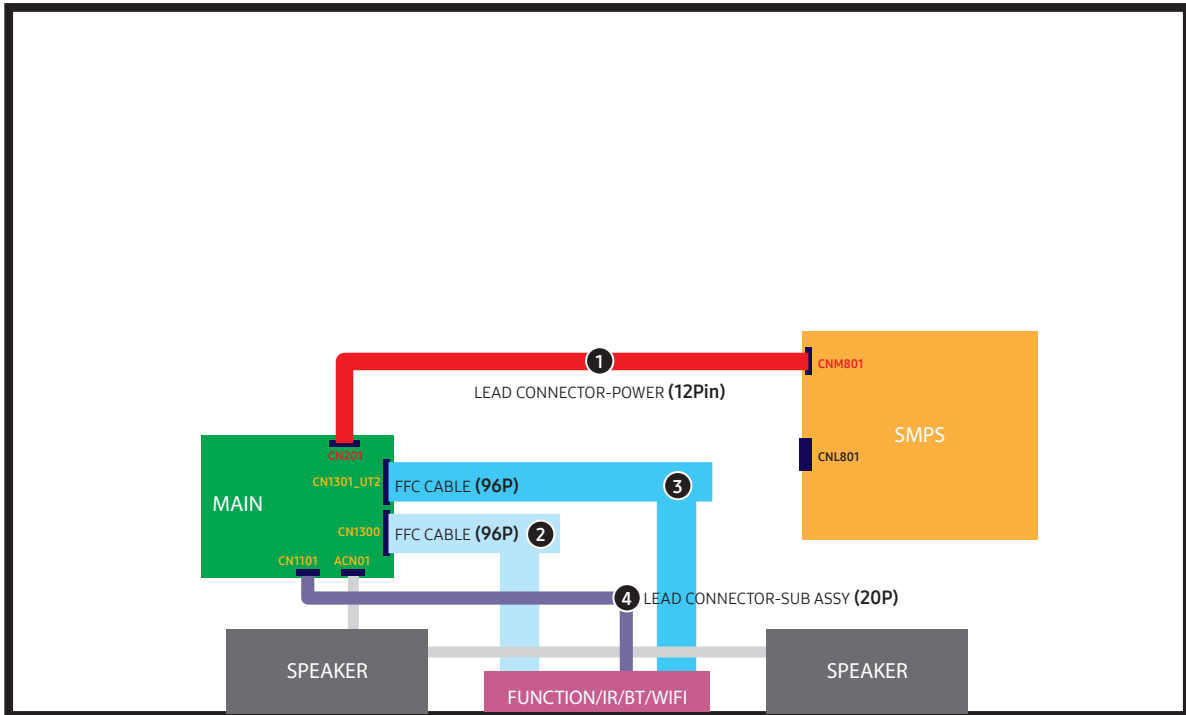
### 5-3. Cables


- 58 / 70 inches



Part Name & Connection		Part Spec		Code No.	
1	LEAD CONNECTOR-POWER MAIN - SMPS		12P/700mm	58"	BN39-02604A
			12P/600mm	70"	BN39-02217F
2	FFC CABLE (L) MAIN - Source B		96P/500	58"	BN96-39820H
			96P/500	70"	BN96-39820H
3	LEAD CONNECTOR-SUB ASSY MAIN - Combo		20P/475mm	58"	BN39-02601A
			20P/475mm	70"	BN39-02601A

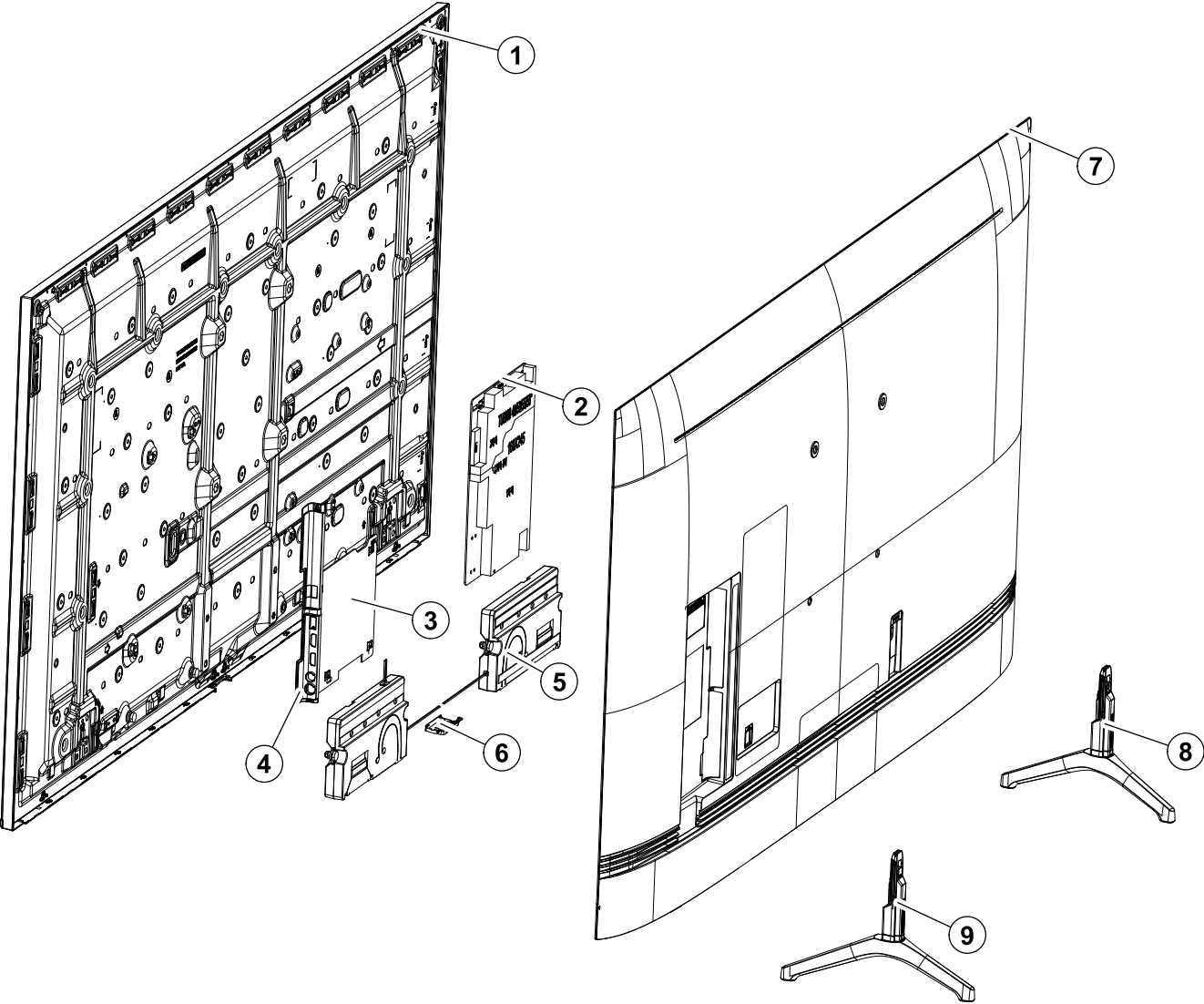
- 65 / 75 inches



Part Name & Connection		Part Spec		Code No.	
①	LEAD CONNECTOR-POWER MAIN - SMPS		12P/700mm	65"	BN39-02604A
			12P/600mm	75"	BN39-02217F
②	FFC CABLE (L) MAIN - Source B		96P/L500	65"	BN96-39820H
			96P/L500	75"	BN96-39820H
③	FFC CABLE (R) MAIN - Source B		96P/L650	65"	BN96-39903C
			96P/L650	75"	BN96-39903C
④	LEAD CONNECTOR-SUB ASSY MAIN - Combo		20P/475mm	65"	BN39-02601A
			20P/475mm	75"	BN39-02601A

# 1. Exploded View & Part List

## Exploded View



**Parts List**

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1	PANEL	BN95-06739A	PRODUCT LCD-HKC; CY-BT058HGCV1H,UTU7000K,	SA	1
2	2		BN44-01054C	DC VSS-PD BOARD; L55S6_TSM,AC/DC,165.6W,A	SA	1
3	2	MAIN	BN94-16076V	ASSY PCB MAIN; UTU7000K	SA	1
4	3	TERMINAL	LBN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SA	1
5	2		BN96-49998C	ASSY SPEAKER P-FRONT; TV-SPK,65UTU7000,6o	SA	1
6	2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50806A	ASSY COVER P-REAR; 58UTU7000K,PC+ABS+ED20	SA	1
8	2		BN96-50859A	ASSY STAND P-COVER TOP RIGHT; 55UTU7000K,	SA	1
9	2		BN96-50856A	ASSY STAND P-COVER TOP LEFT; 55UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN58TU7000FXZA (XA03)</b>		
1		BN90-11425P	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-18751V	A/S PART SET-MECH W/I;UTU7000K,U58TK,(-)	1	SNA
1	S001A	BN90-11426M	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50856A	ASSY STAND P-COVER TOP LEFT;55UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18877A	COVER-STAND TOP LEFT;55UTU7000K,PP+GF40%	1	SNA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50859A	ASSY STAND P-COVER TOP RIGHT;55UTU7000K,	1	SA
..3		6902-003298	BAG ACCESSORY;LDPE,T0.06,W300,L260,TRP,R	2	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18871A	COVER-STAND TOP RIGHT;55UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427A	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50806A	ASSY COVER P-REAR;58UTU7000K,PC+ABS+ED20	1	SA
..3	R001	BN63-18571A	COVER-REAR;58UTU7000K,PC+ABS+ED20%,V-1,B	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1		BN91-21784Y	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN39-02604A	LEAD CONNECTOR-POWER;UL21016,12P,L700,BL	1	SA
.2		BN44-01054C	DC VSS-PD BOARD;L55S6_TSM,AC/DC,165.6W,A	1	SA
.2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-49998C	ASSY SPEAKER P-FRONT;TV-SPK,65UTU7000,6o	1	SA
1	M0017	BN91-22573R	ASSY CHASSIS;UTU7000K	1	SNA
.2	MAIN	BN94-16076V	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3	TERMIN	BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SA
..3		BN97-00042D	ASSY MICOM-58", TU7K, HKC;UTU7000K	1	SNA
...4		BN46-01328A	S/W MICOM-58K6AUAGT,HKC,KANT-SU2;58K6AUA	1	SNA
..3		BN97-16648B	ASSY SMD;UTU7000K	1	SNA



## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	4	SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	3	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0502-001346	TR-POWER;FCX591A,PNP,1000mW,SOT89,TR,30/	3	SA
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	3	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;AONR21321,P,30V,50A,0.035ohm	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POSL.ADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	12	SA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	9	SA
...4		2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608,T0.45	2	SA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	14	SA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	5	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	43	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	4	SA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608,T0.45	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	3	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	9	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	28	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA

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Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	7	SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	2	SA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	5	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	12	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	9	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	53	SA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	3	SNA
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	7	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	22	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	23	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	2	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...4		2409-001240	C-ORGANIC,SMD;33uF,20%,25V,LR,TP,7343	1	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50Oh	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	1	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	5	SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21,VSB Half,4	1	SA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,32Gx1bit,	1	SA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
..3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1	ACCE1	BN92-27087D	ASSY ACCESSORY;UTU7000K	1	SNA
.2		BN96-50802E	ASSY ACCESSORY MANUAL CABLE;UN43/50/55/5	1	SNA
..3	T0268	3903-001117	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L1500	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAH,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302F	MANUAL USERS;TU7000D,ZA,NORTH AMERICA,MOJ	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1		BN92-27162M	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10253A	LABEL-ENERGY;UN58TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27179F	ASSY BOX;UTU7000K	1	SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20728A	BOX UNIT-OUT;58UTU7000K,CB,DW3,F3,L1433,	1	SNA
1		BN92-27193C	ASSY P/MATERIAL;UTU7000K	1	SNA

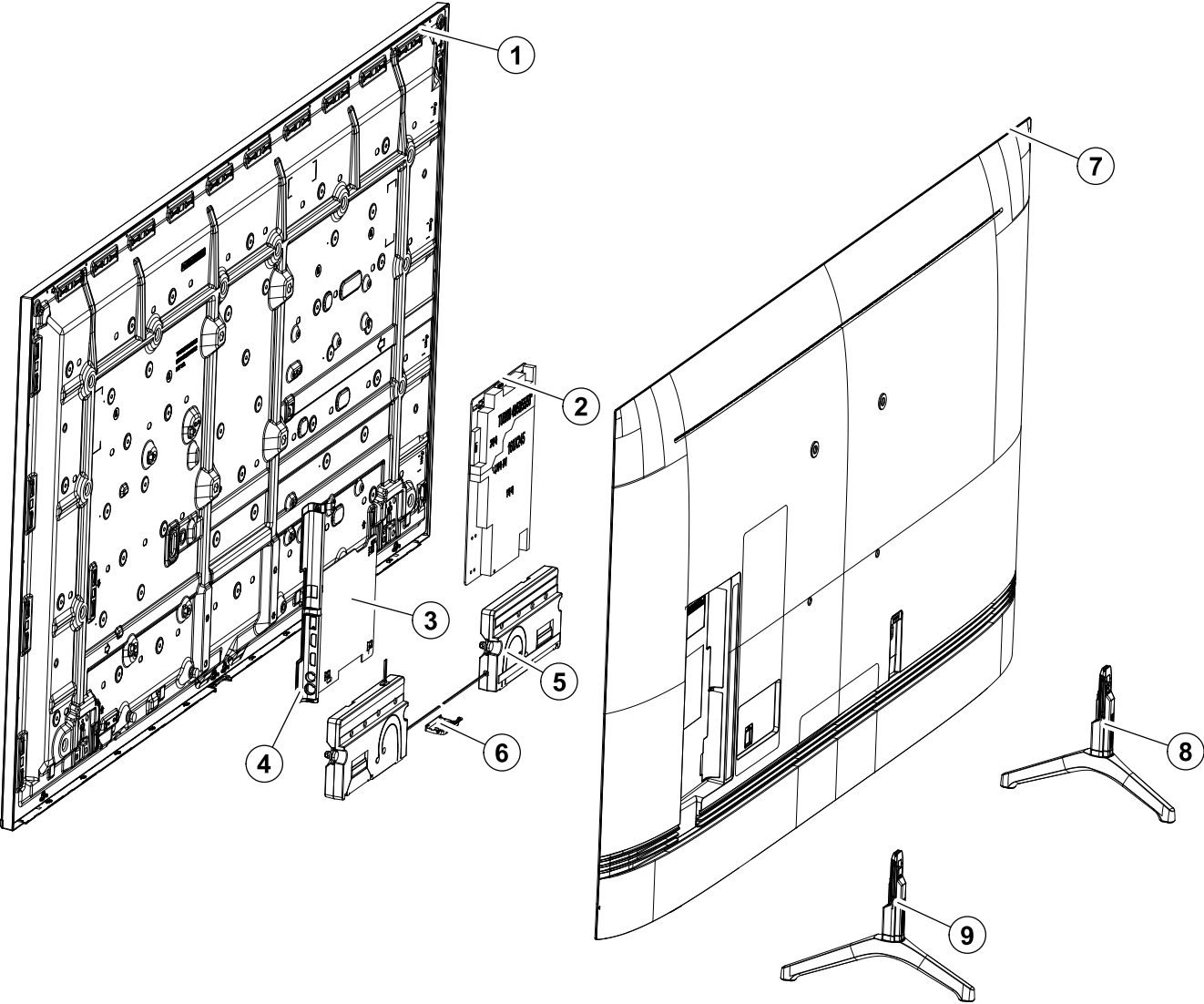
Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
.2		6902-001960	BAG ROLL;HDPE/PE FOAM+HDPE,T0.015/T0.5,W	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	4	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	3	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	1	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053Q	PACKING ANGLE;ALL,PAPER,T3,W1800,L50,YEL	0	SNA
.2		BN69-20584A	CUSHION-SET FRONT;58UTU7000K,EPS,16.7g/l	1	SNA
.2		BN96-49864A	ASSY PACKING P-CUSHION SET;Y19	1	SNA
..3		BN69-20585A	CUSHION-SET;58UTU7000K,EPS,16.7g/l,WHITE	1	SNA
..3		BN69-20727A	BOX UNIT-IN;58TU7000,CB,DW1,C1,L1762,W49	1	SNA
.2		BN96-50874D	ASSY PACKING P-PAD;58UTU8000,PET,WITH WA	2	SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA
..3		BN69-20641D	PAD-SHEET;58UTU8000H,PET,T3.8,W50,L725,W	2	SNA
1	PANEL	BN95-06739A	PRODUCT LCD-HKC;CY-BT058HGCV1H,UTU7000K,	1	SA
.2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	3	SNA
.2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
.2		BN90-11349A	ASSY BACK LIGHT UNIT;58UTU7000K	1	SNA
..3		BN61-17002A	DIFFUSER PLATE;20Y_58INCH_TU8000_DP,PS,T	1	SNA
..3		BN61-17102A	OPTICAL SHEET-COMPLEX;20Y_58INCH_TU7000_	1	SNA
..3		BN96-50502A	ASSY CHASSIS REAR P;58UTU7000K,EGI-SECC,	1	SNA
...4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	0	SNA
...4		BN02-00352A	TAPE SINGLE FACE;Y12 F-LED,PET,T0.05,W30	2	SNA
...4		BN39-02548A	LEAD CONNECTOR-BLU;58TU8000,UL21016,4P,L	1	SNA
...4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
...4		BN61-13557L	BRACKET-WIRE;40KU6400,SW-C,T1,NATURAL,ZI	3	SA
...4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	7	SNA
...4		BN61-13557U	BRACKET-WIRE;65UNU7100X,SW-C,T1,SILVER,L	2	SNA
...4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	4	SNA
...4		BN61-16785A	FRAME-MIDDLE LEFT RIGHT;58UTU7000K,PC+GF	2	SNA
...4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L11.7,WhiteSi	8	SNA
...4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	9	SNA
...4		BN61-16999A	OPTICAL SHEET-REFLECTOR;20Y_58INCH_TU800	1	SNA
...4		BN63-18837A	INSULATOR-SMPS;55TU8000,PC,BLACK,L202,W1	1	SNA
...4	CC04	BN64-04312A	CHASSIS-REAR;58UTU7000K,EGI-SECC,T0.6,NA	1	SNA
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA
...4		BN96-50458A	ASSY LED BAR P;20Y 58TU8000,ALUMINUM,Lef	4	SNA
...4		BN96-50459A	ASSY LED BAR P;20Y 58TU8000,ALUMINUM,Rig	4	SNA
...4		BN96-51564A	ASSY FRAME P-MIDDLE TOP;58UTU7000K,PC+GF	1	SNA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
....5		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	3	SNA
....5		BN61-16778A	FRAME-MIDDLE TOP;58UTU7000K,PC+GF10%,V-2	1	SNA
...4		BN96-51565A	ASSY FRAME P-MIDDLE BOTTOM;58UTU7000K,PC	1	SNA
....5		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
....5		BN61-16782A	FRAME-MIDDLE BOTTOM;58UTU7000K,PC+GF10%,	1	SNA
.2		BN96-50368A	ASSY OPEN CELL;HKC,58Inch,Y20 New,PT580G	1	SNA
..3		BN81-19420A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,26	1	SNA
..3		BN81-19421A	A/S-ASSY PCB-SOURCE(L);ASSY PCB-SOURCE(L	1	SNA
..3		BN81-19422A	A/S-ASSY PCB-SOURCE(R);ASSY PCB-SOURCE(R	1	SNA
..3		BN81-19423A	A/S-POLARIZER-C/F;POLARIZER-C/F,22002500	1	SNA
..3		BN81-19424A	A/S-POLARIZER-TFT;POLARIZER-TFT,22002500	1	SNA
.2	DECO	BN96-50499A	ASSY COVER P-DECORATION;58UTU8000H,PC+AB	1	SNA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	1	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418D	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W8,L	0	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	4	SNA
..3	FD01	BN63-18568A	COVER-DECORATION;58UTU7000K,PC+ABS+MD18%	1	SNA
..3		BN68-11238A	LABEL;TU7000/700D,ART,T0.08,W6,L30,GRAY	2	SNA
.2		BN96-50503A	ASSY CHASSIS FRONT P;58UTU7000K,PC+ABS+M	1	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN02-00611A	TAPE-DOUBLE FACE;PU FOAM,T0.5,W3.2,N/A,B	3	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	4	SNA
..3	AC155	BN64-04310A	CHASSIS-FRONT;58UTU7000K,PC+ABS+MD18%,V-	1	SNA
..3		BN68-11238A	LABEL;TU7000/700D,ART,T0.08,W6,L30,GRAY	2	SNA

# 1. Exploded View & Part List

## Exploded View





**Parts List**

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1		BN95-06374A	PRODUCT LCD-CEC; CY-BT058HGPV1V/H,TU7000,	SA	1
2	2		BN44-01054C	DC VSS-PD BOARD; L55S6_TSM,AC/DC,165.6W,A	SA	1
3	2	M0014	BN94-15314X	ASSY PCB MAIN; UTU7000K	SA	1
4	3		BN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SNA	1
5	2		BN96-49998C	ASSY SPEAKER P-FRONT; TV-SPK,65UTU7000,6o	SA	1
6	2		BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50806A	ASSY COVER P-REAR; 58UTU7000K,PC+ABS+ED20	SA	1
8	2		BN96-50859A	ASSY STAND P-COVER TOP RIGHT; 55UTU7000K,	SA	1
9	2		BN96-50856A	ASSY STAND P-COVER TOP LEFT; 55UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN58TU7000FXZA (YA01)</b>		
1		BN90-11425G	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-17118L	A/S PART SET-MECH W/I;UTU7000K,U58TK*	1	SNA
1	S001A	BN90-11426M	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50856A	ASSY STAND P-COVER TOP LEFT;55UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3		6902-003298	BAG ACCESSORY;LDPE,T0.06,W300,L260,TRP,R	2	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18877A	COVER-STAND TOP LEFT;55UTU7000K,PP+GF40%	1	SNA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50859A	ASSY STAND P-COVER TOP RIGHT;55UTU7000K,	1	SA
..3		6902-003298	BAG ACCESSORY;LDPE,T0.06,W300,L260,TRP,R	2	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18871A	COVER-STAND TOP RIGHT;55UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427A	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50806A	ASSY COVER P-REAR;58UTU7000K,PC+ABS+ED20	1	SA
..3	R001	BN63-18571A	COVER-REAR;58UTU7000K,PC+ABS+ED20%,V-1,B	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1		BN91-21784Y	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN39-02604A	LEAD CONNECTOR-POWER;UL21016,12P,L700,BL	1	SA
.2		BN44-01054C	DC VSS-PD BOARD;L55S6_TSM,AC/DC,165.6W,A	1	SA
.2		BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-49998C	ASSY SPEAKER P-FRONT;TV-SPK,65UTU7000,6o	1	SA
1	M0017	BN91-21825W	ASSY CHASSIS;UTU7000K	1	SNA
.2	M0014	BN94-15314X	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3		BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SNA
..3		BN97-16648M	ASSY SMD;UTU7000K	1	SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	3	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	3	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0502-001346	TR-POWER;FCX591A,PNP,1000mW,SOT89,TR,30/	3	SA
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	3	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;PJL9409,P,30V,50A,0.035ohm,3	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POSILADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	11	SA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	8	SA
...4		2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608,T0.45	2	SA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	13	SA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	5	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	43	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	4	SA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000869	R-CHIP;4.7Kohm,1%,1/10W,TP,1608	4	SNA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	8	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	29	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	8	SNA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	3	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	2	SA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	5	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	12	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	8	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	52	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	3	SNA
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	7	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	22	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	23	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	2	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...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	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50Oh	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	1	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	6	SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21,VSB Half,4	1	SA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,BGA,153P,	1	SA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
..3		BN97-16733A	ASSY MICOM;58C6AUAGT,58 CEC TU7	1	SNA
...4		BN46-01193A	S/W MICOM;58C6AUAGT,KANT-SU2 Built-in,TU	1	SNA
..3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1	ACCE1	BN92-27087D	ASSY ACCESSORY;UTU7000K	1	SNA
.2		BN96-50802E	ASSY ACCESSORY MANUAL CABLE;UN43/50/55/5	1	SNA
..3	T0268	3903-001117	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L1500	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAH,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302A	MANUAL USERS;TU7000F,ZA,NORTH AMERICA,MO	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1		BN92-27162M	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10253A	LABEL-ENERGY;UN58TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27179F	ASSY BOX;UTU7000K	1	SNA

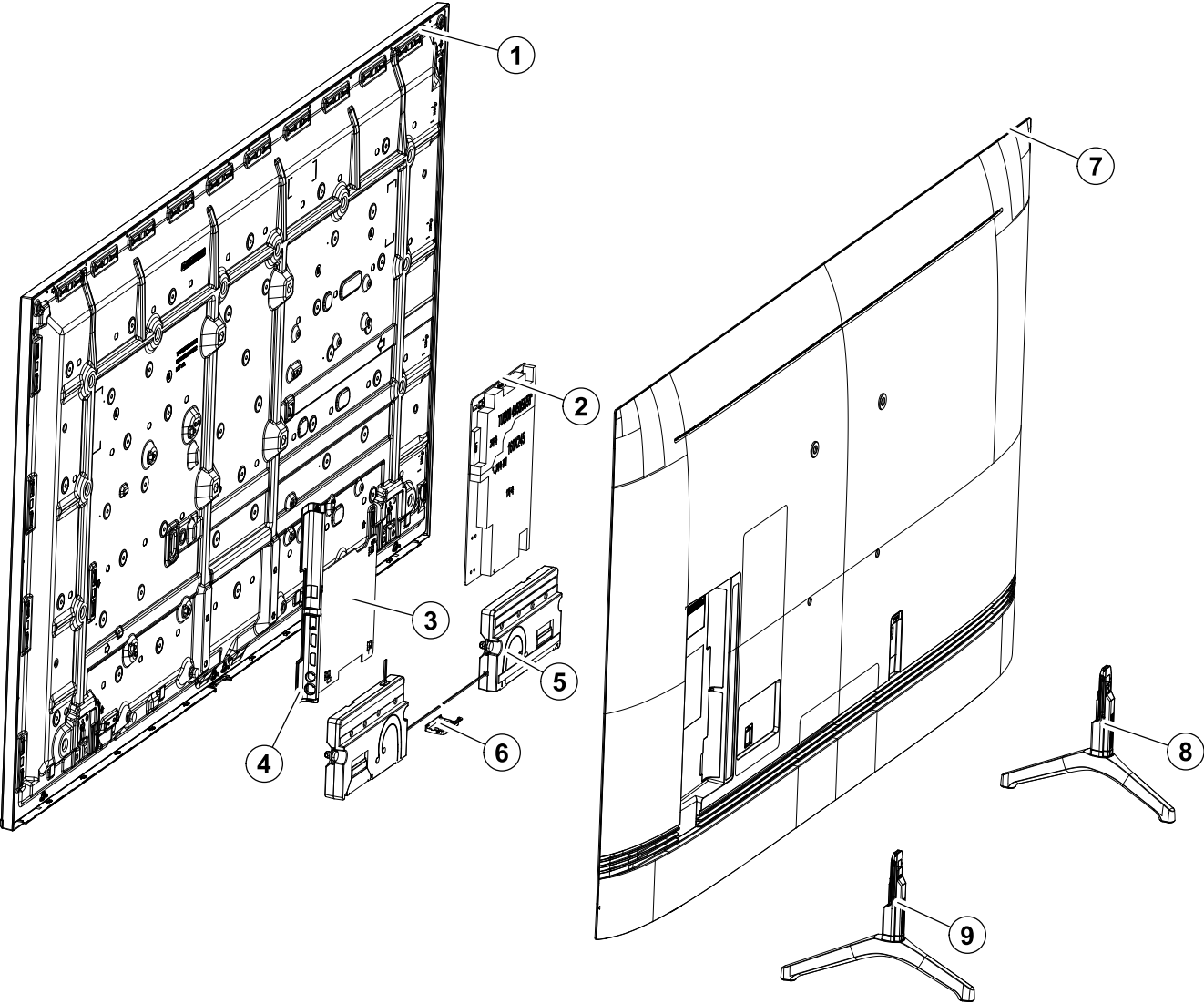
Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20728A	BOX UNIT-OUT;58UTU7000K,CB,DW3,F3,L1433,	1	SNA
1		BN92-27193C	ASSY P/MATERIAL;UTU7000K	1	SNA
.2		6902-001960	BAG ROLL;HDPE/PE FOAM+HDPE,T0.015/T0.5,W	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	4	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	1	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	1	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053Q	PACKING ANGLE;ALL,PAPER,T3,W1800,L50,YEL	0	SNA
.2		BN69-20584A	CUSHION-SET FRONT;58UTU7000K,EPS,16.7g/l	1	SNA
.2		BN96-49864A	ASSY PACKING P-CUSHION SET;Y19	1	SNA
..3		BN69-20585A	CUSHION-SET;58UTU7000K,EPS,16.7g/l,WHITE	1	SNA
..3		BN69-20727A	BOX UNIT-IN;58TU7000,CB,DW1,C1,L1762,W49	1	SNA
.2		BN96-50874D	ASSY PACKING P-PAD;58UTU8000,PET,WITH WA	2	SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA
..3		BN69-20641D	PAD-SHEET;58UTU8000H,PET,T3.8,W50,L725,W	2	SNA
1		BN95-06374A	PRODUCT LCD-CEC;CY-BT058HGPV1V/H,TU7000,	1	SA
.2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	4	SNA
.2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
.2		BN90-11349A	ASSY BACK LIGHT UNIT;58UTU7000K	1	SNA
..3		BN61-17002A	DIFFUSER PLATE;20Y_58INCH_TU8000_DP,PS,T	1	SA
..3		BN61-17102A	OPTICAL SHEET-COMPLEX;20Y_58INCH_TU7000_	1	SNA
..3		BN96-50502A	ASSY CHASSIS REAR P;58UTU7000K,EGI-SECC,	1	SNA
...4		BN02-00086B	TAPE SINGLE FACE;F4089,PET,T0.1,W30,L45,	4	SNA
...4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	0	SNA
...4		BN02-00352B	TAPE-SINGLE FACE;PET,T0.05,W30,L50M,BLAC	0	SNA
...4		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	6	SNA
...4		BN39-02548A	LEAD CONNECTOR-BLU;58TU8000,UL21016,4P,L	1	SNA
...4		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
...4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
...4	CB20	BN61-11982C	BRACKET-WALL;65QNQ7FC,CR-SPCC,BLACK,M8,L	4	SNA
...4		BN61-13557L	BRACKET-WIRE;40KU6400,SW-C,T1,NATURAL,ZI	3	SA
...4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	7	SNA
...4		BN61-13557U	BRACKET-WIRE;65UNU7100X,SW-C,T1,SILVER,L	2	SNA
...4		BN61-16647A	SUPPORT-PLATE;70UTU6900K,PC,V-2,CLEAR,OD	9	SNA
...4		BN61-16648A	HOLDER-SOURCE PCB;70UTU6900K,PC,BLACK,V-	6	SNA
...4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	4	SNA
...4		BN61-16778A	FRAME-MIDDLE TOP;58UTU7000K,PC+GF10%,V-2	1	SNA
...4		BN61-16782A	FRAME-MIDDLE BOTTOM;58UTU7000K,PC+GF10%,	1	SNA



Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		BN61-16785A	FRAME-MIDDLE LEFT RIGHT;58UTU7000K,PC+GF	2	SNA
...4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L11.5,WhiteSi	8	SNA
...4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	9	SNA
...4		BN61-16999A	OPTICAL SHEET-REFLECTOR;20Y_58INCH_TU800	1	SNA
...4		BN63-18837A	INSULATOR-SMPS;55TU8000,PC,BLACK,L202,W1	1	SNA
...4	CC04	BN64-04312A	CHASSIS-REAR;58UTU7000K,EGI-SECC,T0.6,NA	1	SNA
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA
...4		BN96-50458A	ASSY LED BAR P;20Y 58TU8000,ALUMINUM,Lef	4	SNA
...4		BN96-50459A	ASSY LED BAR P;20Y 58TU8000,ALUMINUM,Rig	4	SNA
.2		BN96-50358A	ASSY OPEN CELL;CEC-Panda,58Inch,Y20 New,	1	SNA
..3		BN81-18991A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,SC	1	SNA
..3		BN81-18992A	A/S-ASSY PCB-SOURCE(L);ASSY PCB-SOURCE(L	1	SNA
..3		BN81-18993A	A/S-ASSY PCB-SOURCE(R);ASSY PCB-SOURCE(R	1	SNA
..3		BN81-18994A	A/S-POLARIZER-C/F;POLARIZER-C/F,SPOLU575	1	SNA
..3		BN81-18995A	A/S-POLARIZER-TFT;POLARIZER-TFT,SPOLD575	1	SNA
.2		BN96-50499A	ASSY COVER P-DECORATION;58UTU8000H,PC+AB	1	SA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	1	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418D	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W8,L	0	SNA
..3		BN63-17418L	SHEET-PROTECTION COVER;Q60,PO,T0.05,W28,	1	SNA
..3	FD01	BN63-18568A	COVER-DECORATION;58UTU7000K,PC+ABS+MD18%	1	SNA
.2		BN96-50503A	ASSY CHASSIS FRONT P;58UTU7000K,PC+ABS+M	1	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN02-00611A	TAPE-DOUBLE FACE;PU FOAM,T0.5,W3.2,N/A,B	3	SNA
..3		BN60-01450G	SPACER-PET;65UTU8000H,PET,L1000,CLEAR,T0	3	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	3	SNA
..3	AC155	BN64-04310A	CHASSIS-FRONT;58UTU7000K,PC+ABS+MD18%,V-	1	SNA

# 1. Exploded View & Part List

## Exploded View



## Parts List

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1	PANEL	BN95-06378A	PRODUCT LCD-CSOT; CY-BT065HGHV1V/H,TU7000	SA	1
2	2		BN44-01055A	DC VSS-PD BOARD; L65S6N_TDY,AC/DC,192.5W,	SA	1
3	2	MAIN	BN94-16076E	ASSY PCB MAIN; UTU7000K	SA	1
4	3	TERMINAL	LBN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SA	1
5	2		BN96-49998C	ASSY SPEAKER P-FRONT; TV-SPK,65UTU7000,6o	SA	1
6	2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50807A	ASSY COVER P-REAR; 65UTU7000J,PC+ABS+ED20	SA	1
8	2		BN96-50858A	ASSY STAND P-COVER TOP RIGHT; 65UTU7000K,	SA	1
9	2		BN96-50857A	ASSY STAND P-COVER TOP LEFT; 65UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN65TU7000FXZA (CC02)</b>		
1		BN90-11425Q	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-18751X	A/S PART SET-MECH W/I;UTU7000K,U65TK,(-)	1	SNA
1	S001A	BN90-11426G	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50857A	ASSY STAND P-COVER TOP LEFT;65UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3		BN63-18873A	COVER-STAND TOP LEFT;65UTU7000K,PP+GF40%	1	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50858A	ASSY STAND P-COVER TOP RIGHT;65UTU7000K,	1	SA
..3		6902-003299	BAG ACCESSORY;LDPE,T0.06,W350,L280,TRP,R	2	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18874A	COVER-STAND TOP RIGHT;65UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427Z	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50807A	ASSY COVER P-REAR;65UTU7000J,PC+ABS+ED20	1	SA
..3	R001	BN63-18467A	COVER-REAR;65UTU7000J,PC+ABS+ED20%,T2.5,	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1		BN91-21784J	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN39-02604A	LEAD CONNECTOR-POWER;UL21016,12P,L700,BL	1	SA
.2		BN44-01055A	DC VSS-PD BOARD;L65S6N_TDY,AC/DC,192.5W,	1	SA
.2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-49998C	ASSY SPEAKER P-FRONT;TV-SPK,65UTU7000,6o	1	SA
1	M0017	BN91-22572G	ASSY CHASSIS;UTU7000K	1	SNA
.2	MAIN	BN94-16076E	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3	TERMIN	BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SA
..3		BN97-16648B	ASSY SMD;UTU7000K	1	SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	4	SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	3	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0502-001346	TR-POWER;FCX591A,PNP,1000mW,SOT89,TR,30/	3	SA
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	3	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;AONR21321,P,30V,50A,0.035ohm	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POSI.ADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	12	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	9	SA
...4		2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608,T0.45	2	SA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	13	SA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	5	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	43	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	4	SA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608,T0.45	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	9	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	29	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	7	SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA

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Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	2	SA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	5	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	12	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	9	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	53	SA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	3	SNA
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	7	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	22	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	23	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	2	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...4		2409-001240	C-ORGANIC,SMD;33uF,20%,25V,LR,TP,7343	1	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,500h	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	1	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	5	SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21,VSB Half,4	1	SA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA



## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,32Gx1bit,	1	SA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
..3		BN97-16732A	ASSY MICOM;65S6AUAGT,65 CSOT TU7	1	SNA
...4		BN46-01192A	S/W MICOM;65S6AUAGT,KANT-SU2 Built-in,TU	1	SNA
..3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1		BN92-27084S	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10252A	LABEL-ENERGY;UN65TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27086G	ASSY P/MATERIAL;UTU7000K	1	SNA
.2		6902-003269	BAG ROLL;HDPE/PE FOAM,T0.015/T0.5,W1700,	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	5	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	3114	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	2	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053Q	PACKING ANGLE;ALL,PAPER,T3,W1800,L50,YEL	1	SNA
.2		BN69-20259A	CUSHION-SET FRONT;65UTU7000J,EPS,16.7g/l	1	SNA
.2		BN69-20260A	CUSHION-SET SIDE;65UTU7000J,EPS,16.7g/l,	2	SNA
.2		BN96-49857A	ASSY PACKING P-CUSHION SET;Y19	1	SNA
..3		BN69-20258A	CUSHION-SET;65UTU7000J,EPS,16.7g/l,WHITE	1	SNA
..3		BN69-20587A	BOX UNIT-IN;65UTU8000H,CB,DW1,C1,L1920,W	1	SNA
.2		BN96-50874E	ASSY PACKING P-PAD;65UTU8000,PET,WITH WA	2	SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA
..3		BN69-20641E	PAD-SHEET;65UTU8000H,PET,T3.8,W50,L810,W	2	SNA
1	ACCE1	BN92-27087D	ASSY ACCESSORY;UTU7000K	1	SNA
.2		BN96-50802E	ASSY ACCESSORY MANUAL CABLE;UN43/50/55/5	1	SNA

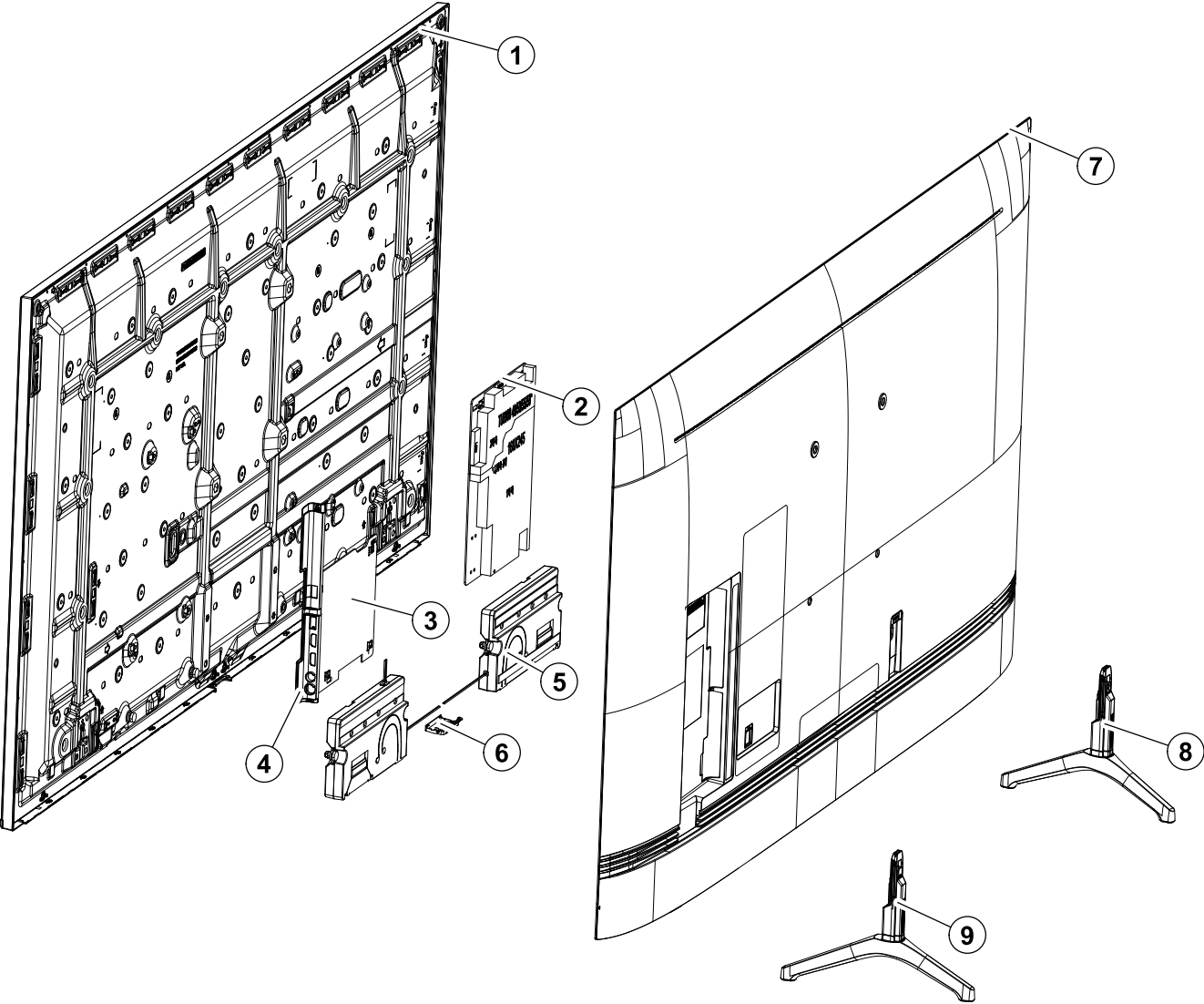
Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
..3	T0268	3903-001117	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L1500	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAH,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302F	MANUAL USERS;TU700D,ZA,NORTH AMERICA,MOJ	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1		BN92-27179C	ASSY BOX;UTU7000K	1	SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20948A	BOX UNIT-OUT;65UTU7000K,CB,DW4,F3,L1591,	1	SNA
1	PANEL	BN95-06378A	PRODUCT LCD-CSOT;CY-BT065HGHV1V/H,TU7000	1	SA
.2		0203-001598	TAPE-SINGLE FACE;PP,T0.15,W12,N/A,CLEAR	0	SNA
.2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	3	SNA
.2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
.2		BN74-00053E	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W20,	0	SNA
.2		BN90-11350A	ASSY BACK LIGHT UNIT;65UTU7000K	1	SNA
..3		BN61-16882A	DIFFUSER PLATE;20Y_TU7000_65INCH_DP,PS,T	1	SNA
..3		BN61-17101A	OPTICAL SHEET-COMPLEX;20Y_65INCH_TU7000_	1	SNA
..3		BN96-50452A	ASSY CHASSIS REAR P;65UTU7000K,EGI-SECC,	1	SNA
..4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	1	SNA
..4		BN02-00352A	TAPE SINGLE FACE;Y12 F-LED,PET,T0.05,W30	2	SNA
..4		BN39-02547A	LEAD CONNECTOR-BLU;65TU8000,UL21016,12P,	1	SNA
..4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
..4		BN61-13557K	BRACKET-WIRE;55KS7000,SW-C,T1,SILVER,ZIN	2	SNA
..4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	7	SNA
..4		BN61-13557Q	BRACKET-WIRE;55KS7000,SW-C,T1,SILVER,L62	2	SNA
..4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	8	SNA
..4		BN61-16689A	FRAME-MIDDLE LEFT RIGHT;65UTU7000K,PC+GF	2	SNA
..4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L11.7,WhiteSi	8	SNA
..4		BN61-16883A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_65INC	1	SNA
..4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	12	SNA
..4		BN63-18832A	INSULATOR-SMPS;65TU7000,PC,BLACK,L207,W2	1	SNA
..4	CC04	BN64-04253A	CHASSIS-REAR;65UTU7000K,EGI-SECC,-,T0.8,	1	SNA
..4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA
..4		BN96-50313A	ASSY LED BAR P;20Y 65TU8000,ALUMINUM,Lef	5	SA
..4		BN96-50314A	ASSY LED BAR P;20Y 65TU8000,ALUMINUM,Rig	5	SA
..4		BN96-51566A	ASSY FRAME P-MIDDLE BOTTOM;65UTU7000K,PC	1	SNA

## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
....5		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
....5		BN61-16688A	FRAME-MIDDLE BOTTOM;65UTU7000K,PC+GF10%,	1	SNA
...4		BN96-51567A	ASSY FRAME P-MIDDLE TOP;65UTU7000K,PC+GF	1	SNA
....5		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	3	SNA
....5		BN61-16687A	FRAME-MIDDLE TOP;65UTU7000K,PC+GF10%,V-2	1	SNA
.2		BN96-50289A	ASSY OPEN CELL;CSOT,65Inch,Y20 New EBL,S	1	SNA
..3		BN81-18851A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,33	1	SNA
..3		BN81-18852A	A/S-ASSY PCB-SOURCE(L);ASSY PCB-SOURCE(L	1	SNA
..3		BN81-18853A	A/S-ASSY PCB-SOURCE(M);ASSY PCB-SOURCE(M	1	SNA
..3		BN81-18854A	A/S-ASSY PCB-SOURCE(R);ASSY PCB-SOURCE(R	1	SNA
..3		BN81-18855A	A/S-POLARIZER-C/F;POLARIZER-C/F,3130703S	1	SNA
..3		BN81-18856A	A/S-POLARIZER-TFT;POLARIZER-TFT,3130703T	1	SNA
.2	DECO	BN96-50449A	ASSY COVER P-DECORATION;65UTU7000K,PC+AB	1	SA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	1	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418D	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W8,L	0	SNA
..3	FD01	BN63-18474A	COVER-DECORATION;65UTU7000K,PC+ABS+MD18%	1	SNA
.2		BN96-50451A	ASSY CHASSIS FRONT P;65UTU7000K,PC+ABS+M	1	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN02-00611A	TAPE-DOUBLE FACE;PU FOAM,T0.5,W3.2,N/A,B	3	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	5	SNA
..3	AC155	BN64-04255A	CHASSIS-FRONT;65UTU7000K,PC+ABS+MD18%,V-	1	SNA

# 1. Exploded View & Part List

## Exploded View



**Parts List**

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1		BN95-06383B	PRODUCT LCD-CEC; CY-BT070HGPV2H,UTU7000K,	SA	1
2	2		BN44-01056A	DC VSS-PD BOARD; L75S6N_THS,AC/DC,235W,AC	SA	1
3	2	M0014	BN94-15257K	ASSY PCB MAIN; UTU7000K	SA	1
4	3		BN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SA	1
5	2		BN96-49998C	ASSY SPEAKER P-FRONT; TV-SPK,65UTU7000,6o	SA	1
6	2		BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50853A	ASSY COVER P-REAR; 70UTU7000K,PC+ABS+ED20	SA	1
8	2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT; 75UTU7000K,	SA	1
9	2		BN96-50860A	ASSY STAND P-COVER TOP LEFT; 75UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN70TU7000FXZA (YA01)</b>		
1		BN90-11425C	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-17118N	A/S PART SET-MECH W/I;UTU7000K,U70TK*	1	SNA
1	S001A	BN90-11426H	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50860A	ASSY STAND P-COVER TOP LEFT;75UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18878A	COVER-STAND TOP LEFT;75UTU7000K,PP+GF40%	1	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT;75UTU7000K,	1	SA
..3		6902-003301	BAG ACCESSORY;LDPE,T0.06,W400,L320,TRP,R	2	SNA
..3		BN63-18879A	COVER-STAND TOP RIGHT;75UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427X	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50853A	ASSY COVER P-REAR;70UTU7000K,PC+ABS+ED20	1	SA
..3	R001	BN63-18643A	COVER-REAR;70UTU7000K,PC+ABS+ED20%,T2.5,	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1	M0017	BN91-21783K	ASSY CHASSIS;UTU7000K	1	SNA
.2	M0014	BN94-15257K	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3		BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SA
..3		BN97-16648M	ASSY SMD;UTU7000K	1	SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	3	SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	3	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0502-001346	TR-POWER;FCX591A,PNP,1000mW,SOT89,TR,30/	3	SA
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	3	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;PJL9409,P,30V,50A,0.035ohm,3	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POS1.ADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	12	SA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	9	SA
...4		2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608,T0.45	2	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	13	SA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	5	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	43	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	4	SA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	9	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	28	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	8	SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	3	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA



Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	2	SA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	5	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	12	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	9	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	53	SA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	3	SNA
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	7	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	22	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	23	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	2	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...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	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50Oh	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	1	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	5	SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21, VSB Half,4	1	SA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,BGA,153P,	1	SA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
..3		BN97-16729A	ASSY MICOM;70C6AUAGT,70 CEC TU7	1	SNA
...4		BN46-01189A	S/W MICOM;70C6AUAGT,KANT-SU2 Built-in,TU	1	SNA
..3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1		BN91-21826E	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02217F	LEAD CONNECTOR-POWER;70KU6000,UL21016,12	1	SA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN44-01056A	DC VSS-PD BOARD;L75S6N_THS,AC/DC,235W,AC	1	SA
.2		BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-49998C	ASSY SPEAKER P-FRONT;TV-SPK,65UTU7000,6o	1	SA
1		BN92-27084A	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10255A	LABEL-ENERGY;UN70TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27085J	ASSY BOX;UTU7000K	1	SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20766A	BOX UNIT-OUT;70UTU7000K,CB,DW4,F3,L1731,	1	SNA
1		BN92-27086B	ASSY P/MATERIAL;UTU7000K	1	SNA
.2		6902-001972	BAG ROLL;HDPE/PE FOAM+HDPE,T0.015/T0.5,W	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	5	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	4	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	2	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053D	PACKING ANGLE;ALL,PAPER,T3,W2000,L50,YEL	0	SNA
.2		BN69-20553A	CUSHION-SET SIDE;70UTU7000,EPS,16.7g/l,W	2	SNA
.2		BN69-20693A	PAD-AIR CUSHION;70QTQ60F,LDPE,T0.18,W112	1	SNA
.2		BN96-49865A	ASSY PACKING P-CUSHION SET;Y19	1	SNA
..3		BN69-20562A	CUSHION-SET;70UTU7000,EPS,16.7g/l,WHITE	1	SNA
..3		BN69-20754A	BOX UNIT-IN;70UTU8000H,CB,DW1,C1,L2060,W	1	SNA
.2		BN96-50874F	ASSY PACKING P-PAD;70UTU8000,PET,WITH WA	2	SNA

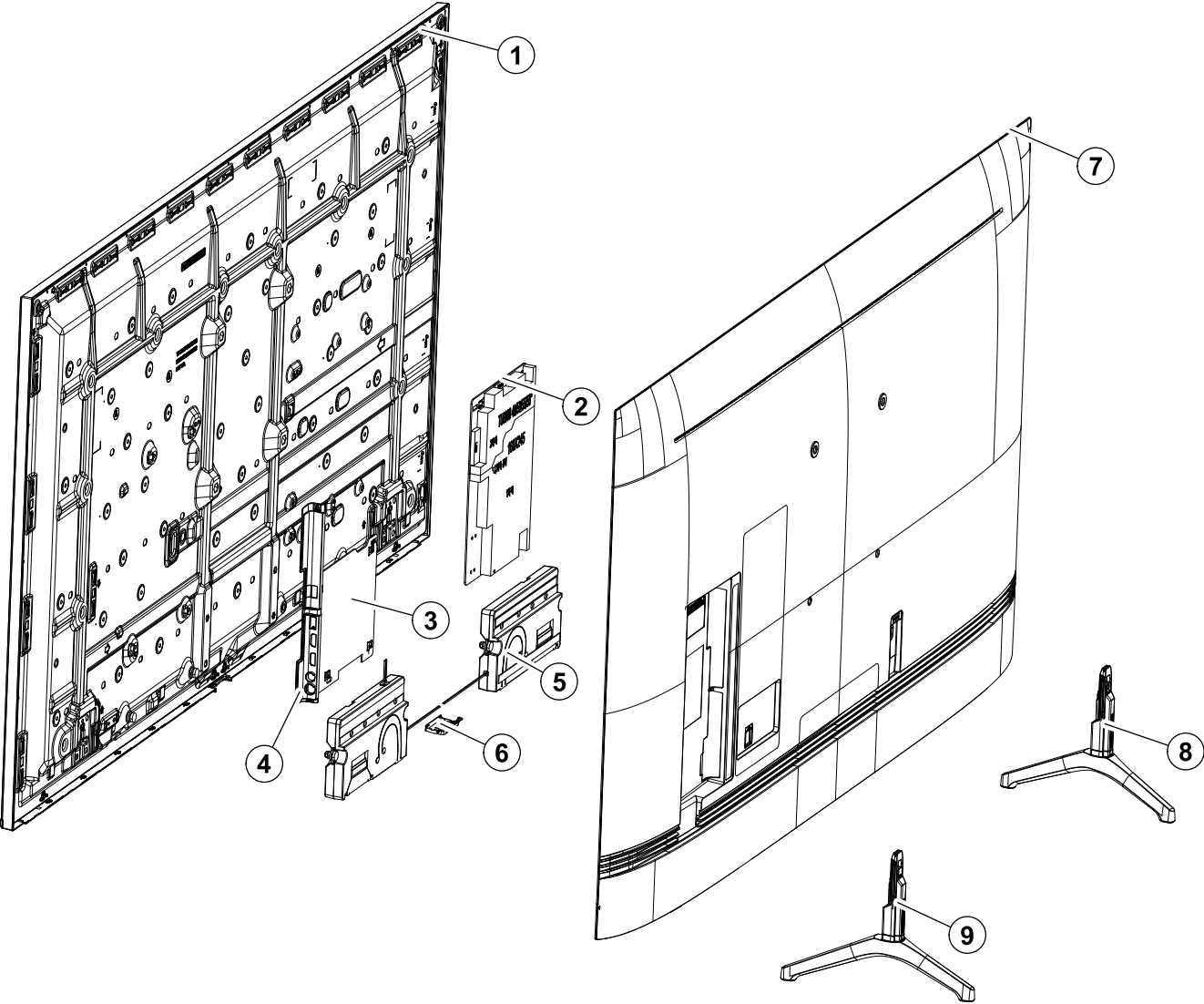
Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA
..3		BN69-20641F	PAD-SHEET;70UTU8000H,PET,T3.8,W70,L855,W	2	SNA
1	ACCE1	BN92-27087D	ASSY ACCESSORY;UTU7000K	1	SNA
.2		BN96-50802E	ASSY ACCESSORY MANUAL CABLE;UN43/50/55/5	1	SNA
..3	T0268	3903-001117	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L1500	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAH,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302A	MANUAL USERS;TU7000F,ZA,NORTH AMERICA,MO	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1		BN95-06383B	PRODUCT LCD-CEC;CY-BT070HGPV2H,UTU7000K,	1	SA
.2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	4	SNA
.2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
.2		BN90-11351A	ASSY BACK LIGHT UNIT;70UTU7000K	1	SNA
..3		BN61-17052A	DIFFUSER PLATE;20Y_70INCH_TU7000_DP,PS,T	1	SNA
..3		BN61-17100A	OPTICAL SHEET-COMPLEX;20Y_70INCH_TU7000_	1	SNA
..3		BN96-50477A	ASSY CHASSIS REAR P;70UTU7000K,EGI-SECC,	1	SNA
..4		BN02-00086B	TAPE SINGLE FACE;F4089,PET,T0.1,W30,L45,	5	SNA
..4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	0	SNA
..4		BN02-00352B	TAPE-SINGLE FACE;PET,T0.05,W30,L50M,BLAC	0	SNA
..4		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	6	SNA
..4		BN39-02546A	LEAD CONNECTOR-BLU;70TU8000,UL21016,12P,	1	SNA
..4		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
..4		BN61-13557L	BRACKET-WIRE;40KU6400,SW-C,T1,NATURAL,ZI	4	SA
..4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	5	SNA
..4		BN61-13557X	BRACKET-WIRE;65UNU7100X,SW-C,T1,SILVER,L	2	SNA
..4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	7	SNA
..4		BN61-16779A	FRAME-MIDDLE TOP;70UTU7000K,PC+GF10%,V-2	1	SNA
..4		BN61-16783A	FRAME-MIDDLE BOTTOM;70UTU7000K,PC+GF10%,	1	SNA
..4		BN61-16784A	FRAME-MIDDLE LEFT RIGHT;70UTU7000K,PC+GF	2	SNA
..4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L11.5,WhiteSi	8	SNA
..4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	12	SNA
..4		BN61-16998A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_70INC	1	SNA
..4		BN63-18836A	INSULATOR-SMPS;82TU8000,PC,BLACK,L290,W2	1	SNA
..4	CC04	BN64-04313A	CHASSIS-REAR;70UTU7000K,EGI-SECC,-,T0.8,	1	SNA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA
...4		BN96-50475A	ASSY LED BAR P;20Y 70TU8000,ALUMINUM,Lef	5	SNA
...4		BN96-50489A	ASSY LED BAR P;20Y 70TU8000,ALUMINUM,Rig	5	SNA
.2		BN96-50356A	ASSY OPEN CELL;CEC-Panda,70Inch,Y20 New,	1	SNA
..3		BN81-18964A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,SC	1	SNA
..3		BN81-18965A	A/S-ASSY PCB-SOURCE(L);ASSY PCB-SOURCE(L	1	SNA
..3		BN81-18966A	A/S-ASSY PCB-SOURCE(M);ASSY PCB-SOURCE(M	1	SNA
..3		BN81-18967A	A/S-ASSY PCB-SOURCE(R);ASSY PCB-SOURCE(R	1	SNA
..3		BN81-18968A	A/S-POLARIZER-C/F;POLARIZER-C/F,SPOLU695	1	SNA
..3		BN81-18969A	A/S-POLARIZER-TFT;POLARIZER-TFT,SPOLD695	1	SNA
.2		BN96-50490A	ASSY CHASSIS FRONT P;70UTU7000K,PC+ABS+M	1	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN02-00611A	TAPE-DOUBLE FACE;PU FOAM,T0.5,W3.2,N/A,B	3	SNA
..3		BN60-01450G	SPACER-PET;65UTU8000H,PET,L1000,CLEAR,T0	3	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	3	SNA
..3	AC155	BN64-04311A	CHASSIS-FRONT;70UTU7000K,PC+ABS+MD18%,V-	1	SNA
.2		BN96-50491A	ASSY COVER P-DECORATION;70UTU8000H,PC+AB	1	SNA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	2	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418D	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W8,L	0	SNA
..3		BN63-17418L	SHEET-PROTECTION COVER;Q60,PO,T0.05,W28,	2	SNA
..3	FD01	BN63-18570A	COVER-DECORATION;70UTU8000H,PC+ABS+MD18%	1	SNA

# 1. Exploded View & Part List

## Exploded View



## Parts List

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1	PANEL	BN95-06379C	PRODUCT LCD-BOE; CY-BT075HGEV3H,UTU7000K,	SA	1
2	2		BN44-01056A	DC VSS-PD BOARD; L75S6N_THS,AC/DC,235W,AC	SA	1
3	2	MAIN	BN94-16077S	ASSY PCB MAIN; UTU7000K	SA	1
4	3	TERMINAL	LBN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SA	1
5	2		BN96-49998D	ASSY SPEAKER P-FRONT; TV-SPK,75UTU7000,6o	SA	1
6	2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50808A	ASSY COVER P-REAR; 75UTU7000K,PC+ABS+ED20	SA	1
8	2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT; 75UTU7000K,	SA	1
9	2		BN96-50860A	ASSY STAND P-COVER TOP LEFT; 75UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN75TU7000FXZA (BC02)</b>		
1		BN90-11425B	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-17118P	A/S PART SET-MECH W/I;UTU7000K,U75TK*	1	SNA
1	S001A	BN90-11426H	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50860A	ASSY STAND P-COVER TOP LEFT;75UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18878A	COVER-STAND TOP LEFT;75UTU7000K,PP+GF40%	1	SNA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT;75UTU7000K,	1	SA
..3		6902-003301	BAG ACCESSORY;LDPE,T0.06,W400,L320,TRP,R	2	SNA
..3		BN63-18879A	COVER-STAND TOP RIGHT;75UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427Y	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50808A	ASSY COVER P-REAR;75UTU7000K,PC+ABS+ED20	1	SA
..3	R001	BN63-18473A	COVER-REAR;75UTU7000K,PC+ABS+ED20%,T2.5,	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1		BN91-21964E	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02217F	LEAD CONNECTOR-POWER;70KU6000,UL21016,12	1	SA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN44-01056A	DC VSS-PD BOARD;L75S6N_THS,AC/DC,235W,AC	1	SA
.2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-49998D	ASSY SPEAKER P-FRONT;TV-SPK,75UTU7000,6o	1	SA
1	M0017	BN91-22510X	ASSY CHASSIS;UTU7000K	1	SNA
.2	MAIN	BN94-16077S	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3	TERMIN	BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SA
..3		BN97-16648B	ASSY SMD;UTU7000K	1	SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	4	SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA



## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	3	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0502-001346	TR-POWER;FCX591A,PNP,1000mW,SOT89,TR,30/	3	SA
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	3	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;AONR21321,P,30V,50A,0.035ohm	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POS.ADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	12	SA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	9	SA
...4		2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608,T0.45	2	SA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	14	SA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	5	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	43	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	4	SA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608,T0.45	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	3	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	9	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	28	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	7	SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	2	SA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	5	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	12	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	9	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	53	SA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	3	SNA

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...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	7	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	22	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	23	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	2	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...4		2409-001240	C-ORGANIC,SMD;33uF,20%,25V,LR,TP,7343	1	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50Oh	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	1	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	5	SNA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21,VSB Half,4	1	SA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,32Gx1bit,	1	SA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
..3		BN97-16728A	ASSY MICOM;75B6AUAGT,75 BOE TU7	1	SNA
...4		BN46-01188A	S/W MICOM;75B6AUAGT,KANT-SU2 Built-in,TU	1	SNA
..3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1		BN92-27084V	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10251A	LABEL-ENERGY;UN75TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27085G	ASSY BOX;UTU7000K	1	SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20774A	BOX UNIT-OUT;75UTU7000K,CB,DW4,F3,L1825,	1	SNA
1		BN92-27086J	ASSY P/MATERIAL;UTU7000K	1	SNA
.2		6902-002997	BAG ROLL;HDPE/HDPE/PE FOAM,T0.015/T0.05,	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	5	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	4	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	2	SNA
.2	AS080	BN63-07229A	SHEET-PET;rose70",PET,T0.052,W50,L100000	1	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053Y	PACKING ANGLE;ALL,PAPER,T3,W2100,L50,YEL	0	SNA
.2		BN69-20430A	CUSHION-SET FRONT;75UTU7000,EPS,16.7g/l,	1	SNA
.2		BN69-20431A	CUSHION-SET SIDE;75UTU7000,EPS,16.7g/l,W	2	SNA
.2		BN69-21315A	PAD PACKING;75UTU7000K,CB,T7,W181,L1823,	1	SNA
.2		BN96-49858A	ASSY PACKING P-CUSHION SET;Y19	1	SNA

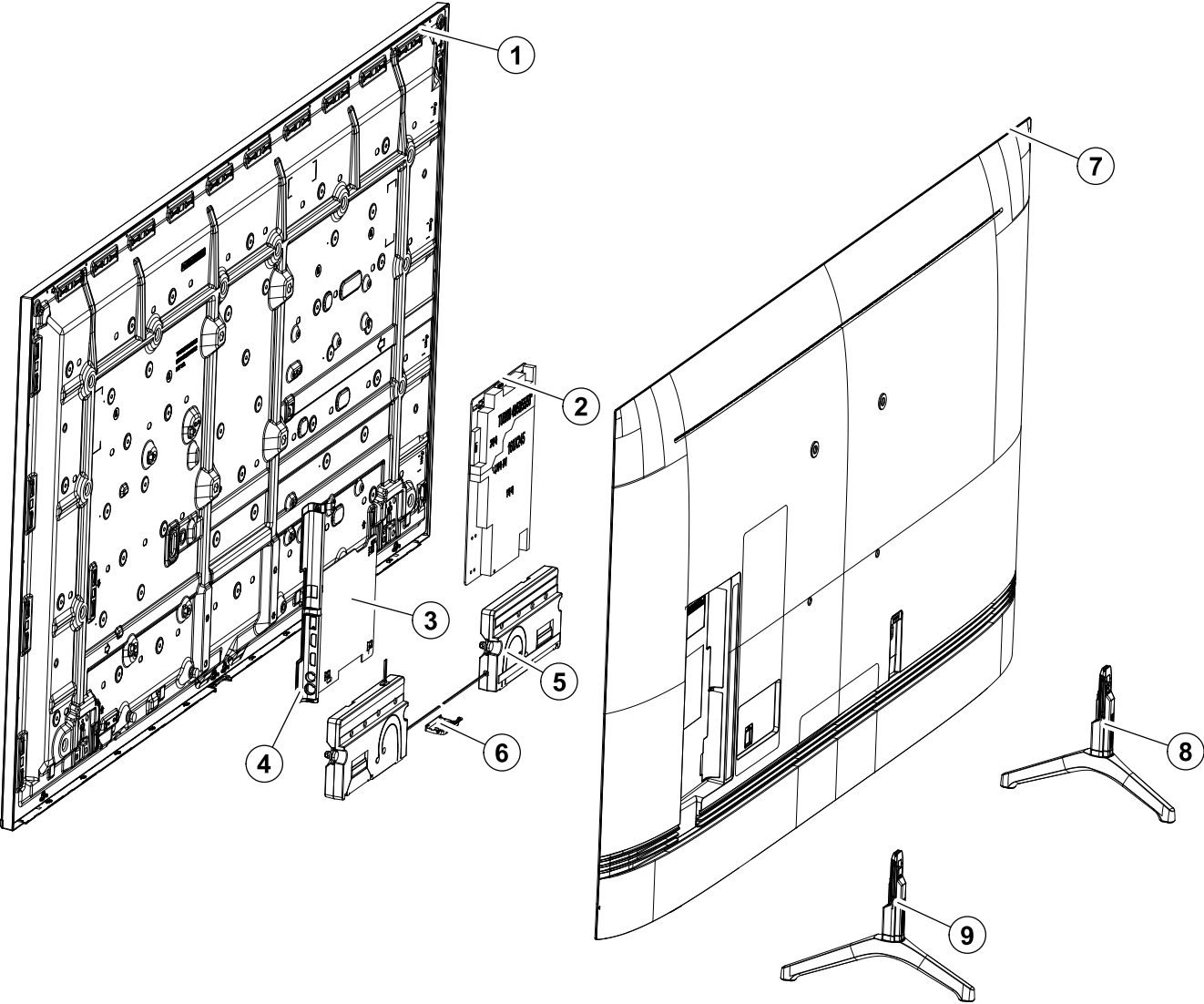
Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
..3		BN69-20646A	BOX UNIT-IN;75UTU8000H,CB,DW1,C1,L2154,W	1	SNA
..3		BN69-20914A	CUSHION-SET;75TU7000,EPS,16.7g/l,WHITE,T	1	SNA
.2		BN96-50874G	ASSY PACKING P-PAD;75UTU8000,PET,WITH WA	2	SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA
..3		BN69-20641G	PAD-SHEET;75UTU8000H,PET,T3.8,W70,L935,W	2	SNA
.2	T0382	BP61-00492C	TAPE SINGLE FACE;ACRYL,ACRYL,T0.25,W50,L	1	SNA
1	ACCE1	BN92-27087K	ASSY ACCESSORY;UTU7000K	1	SNA
.2		BN96-50802J	ASSY ACCESSORY MANUAL CABLE;UN75TU7000FX	1	SNA
..3	T0268	3903-001132	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L3000	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAh,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302F	MANUAL USERS;TU7000D,ZA,NORTH AMERICA,MOJ	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1	PANEL	BN95-06379C	PRODUCT LCD-BOE;CY-BT075HGEV3H,UTU7000K,	1	SA
.2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	3	SNA
.2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
.2		BN74-00053E	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W20,	0	SNA
.2		BN90-11352A	ASSY BACK LIGHT UNIT;75UTU7000K	1	SNA
..3		BN61-16885A	DIFFUSER PLATE;20Y_TU7000_75INCH_DP,PS,T	1	SNA
..3		BN61-17099A	OPTICAL SHEET-COMPLEX;20Y_75INCH_TU7000_	1	SNA
..3		BN96-50471A	ASSY CHASSIS REAR P;75UTU7000K,EGI-SECC,	1	SNA
...4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	0	SNA
...4		BN02-00352A	TAPE SINGLE FACE;Y12 F-LED,PET,T0.05,W30	2	SNA
...4		BN02-00352D	TAPE-SINGLE FACE;PET,T0.05,W20,L50M,BLAC	3547	SNA
...4		BN02-00431B	TAPE SINGLE FACE;LFD OHD,PET,T0.05,W20,L	6	SNA
...4		BN02-00586A	TAPE DOUBLE FACE;UNU7100X,ACRYL,T0.3,W3,	6	SNA
...4		BN39-02552A	LEAD CONNECTOR-BLU;75TU8000,UL21016,12P,	1	SNA
...4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
...4		BN61-13557L	BRACKET-WIRE;40KU6400,SW-C,T1,NATURAL,ZI	4	SA
...4		BN61-13557M	BRACKET-WIRE;75QM7000,SW-C,T1,SILVER,ZIN	2	SA
...4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	7	SNA
...4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	8	SNA
...4		BN61-16698A	FRAME-MIDDLE LEFT RIGHT;75UTU7000K,PC+GF	2	SNA
...4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L11.7,WhiteSi	8	SNA
...4		BN61-16879A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_75INC	1	SNA
...4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	16	SNA

## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		BN61-17087A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_75INC	1	SNA
...4		BN63-18836A	INSULATOR-SMPS;82TU8000,PC,BLACK,L290,W2	1	SNA
...4	CC04	BN64-04262A	CHASSIS-REAR;75UTU7000K,EGI-SECC,-,T1,NA	1	SNA
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA
...4		BN96-50310A	ASSY LED BAR P;20Y 75TU8000,ALUMINUM,Lef	6	SA
...4		BN96-50311A	ASSY LED BAR P;20Y 75TU8000,ALUMINUM,Mid	6	SA
...4		BN96-50312A	ASSY LED BAR P;20Y 75TU8000,ALUMINUM,Rig	6	SA
...4		BN96-51561A	ASSY FRAME P-MIDDLE BOTTOM;75UTU7000K,PC	1	SNA
....5		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
....5		BN61-16697A	FRAME-MIDDLE BOTTOM;75UTU7000K,PC+GF10%,	1	SNA
...4		BN96-51573A	ASSY FRAME P-MIDDLE TOP;75UTU7000K,PC+GF	1	SNA
....5		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	3	SNA
....5		BN61-16699A	FRAME-MIDDLE TOP;75UTU7000K,PC+GF10%,V-2	1	SNA
.2		BN96-50282A	ASSY OPEN CELL;BOE,75Inch,Y20 New,HV750Q	1	SNA
..3		BN81-19003A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,47	1	SA
..3		BN81-19004A	A/S-ASSY PCB-SOURCE LEFT;ASSY PCB-SOURCE	1	SNA
..3		BN81-19005A	A/S-ASSY PCB-SOURCE MIDDLE;ASSY PCB-SOUR	1	SNA
..3		BN81-19006A	A/S-ASSY PCB-SOURCE RIGHT;ASSY PCB-SOURC	1	SNA
..3		BN81-19007A	A/S-POLARIZER-C/F;POLARIZER-C/F,38-10074	1	SNA
..3		BN81-19008A	A/S-POLARIZER-TFT;POLARIZER-TFT,38-10074	1	SNA
.2		BN96-50468B	ASSY CHASSIS FRONT P;75UTU7000K,PC+ABS+M	1	SNA
..3		0203-007179	TAPE-DOUBLE FACE;PU FOAM,T1.2,W3.2,N/A,B	4	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN60-01450G	SPACER-PET;65UTU8000H,PET,L1000,CLEAR,T0	3	SNA
..3		BN60-01665A	SPACER-FOAM;THE FRAME,PU FOAM,L1000,DARK	2	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	4	SNA
..3	AC155	BN64-04264A	CHASSIS-FRONT;75UTU7000K,PC+ABS+MD18%,V-	1	SNA
..3		BN68-11237A	LABEL;TU7000/700D BOE,ART,T0.08,W6,L30,Y	2	SNA
.2	DECO	BN96-51378A	ASSY COVER P-DECORATION;75UTU8000H,PC+AB	1	SA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	2	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418A	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W6,L	0	SNA
..3		BN63-17418N	SHEET-PROTECTION COVER;QTQ60F,PO,T0.05,W	2	SNA
..3	FD01	BN63-18967A	COVER-DECORATION;75UTU8000H,PC+ABS+MD18%	1	SNA

# 1. Exploded View & Part List

## Exploded View





**Parts List**

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1		BN95-06380C	PRODUCT LCD-SDC; CY-BT075HGLV3H,UTU7000K,	SA	1
2	2		BN44-01056A	DC VSS-PD BOARD; L75S6N_THS,AC/DC,235W,AC	SA	1
3	2	M0014	BN94-15257B	ASSY PCB MAIN; UTU7000K	SA	1
4	3		BN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SA	1
5	2		BN96-49998D	ASSY SPEAKER P-FRONT; TV-SPK,75UTU7000,6o	SA	1
6	2		BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50808A	ASSY COVER P-REAR; 75UTU7000K,PC+ABS+ED20	SA	1
8	2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT; 75UTU7000K,	SA	1
9	2		BN96-50860A	ASSY STAND P-COVER TOP LEFT; 75UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN75TU7000FXZA (FA01)</b>		
1		BN90-11425B	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-17118P	A/S PART SET-MECH W/I;UTU7000K,U75TK*	1	SNA
1	S001A	BN90-11426H	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50860A	ASSY STAND P-COVER TOP LEFT;75UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3		6902-003301	BAG ACCESSORY;LDPE,T0.06,W400,L320,TRP,R	2	SNA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18878A	COVER-STAND TOP LEFT;75UTU7000K,PP+GF40%	1	SNA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT;75UTU7000K,	1	SA
..3		BN63-18879A	COVER-STAND TOP RIGHT;75UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427Y	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50808A	ASSY COVER P-REAR;75UTU7000K,PC+ABS+ED20	1	SA
..3	R001	BN63-18473A	COVER-REAR;75UTU7000K,PC+ABS+ED20%,T2.5,	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1	M0017	BN91-21783B	ASSY CHASSIS;UTU7000K	1	SNA
.2	M0014	BN94-15257B	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3		BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SA
..3		BN97-16648D	ASSY SMD;UTU7000K	1	SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	3	SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	1	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	2	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;PJL9409,P,30V,50A,0.035ohm,3	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POS1.ADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	12	SA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	17	SA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	13	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	36	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000343	R-CHIP;120ohm,1%,1/10W,TP,1608	1	SNA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	9	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	27	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	7	SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	1	SA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	5	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001264	R-NETWORK;10ohm,5%,1/16W,L,CHIP,8P,TP,2.	3	SNA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	6	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	9	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	52	SA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	12	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	21	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	24	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	1	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...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	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50Oh	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	2	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	5	SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21,VSB Half,4	1	SA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,BGA,153P,	1	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
..3		BN97-16727A	ASSY MICOM;75A6AUAGT,75 SDC TU7	1	SNA
...4		BN46-01187A	S/W MICOM;75A6AUAGT,KANT-SU2 Built-in,TU	1	SNA
..3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1		BN91-21826D	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02217F	LEAD CONNECTOR-POWER;70KU6000,UL21016,12	1	SA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN44-01056A	DC VSS-PD BOARD;L75S6N_THS,AC/DC,235W,AC	1	SA
.2		BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-39903C	FFC CABLE;65/75NU8000,Fold,L650,96P,-	1	SA
.2		BN96-49998D	ASSY SPEAKER P-FRONT;TV-SPK,75UTU7000,6o	1	SA
1		BN92-27084V	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10251A	LABEL-ENERGY;UN75TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27085G	ASSY BOX;UTU7000K	1	SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20774A	BOX UNIT-OUT;75UTU7000K,CB,DW4,F3,L1825,	1	SNA
1		BN92-27086J	ASSY P/MATERIAL;UTU7000K	1	SNA
.2		6902-002997	BAG ROLL;HDPE/HDPE/PE FOAM,T0.015/T0.05,	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	5	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	4	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	2	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053Y	PACKING ANGLE;ALL,PAPER,T3,W2100,L50,YEL	0	SNA
.2		BN69-20431A	CUSHION-SET SIDE;75UTU7000,EPS,16.7g/l,W	2	SNA
.2		BN69-20691A	PAD-AIR CUSHION;75QTQ60F,LDPE,T0.18,W115	1	SNA
.2		BN96-49858A	ASSY PACKING P-CUSHION SET;Y19	1	SNA
..3		BN69-20646A	BOX UNIT-IN;75UTU8000H,CB,DW1,C1,L2154,W	1	SNA
..3		BN69-20914A	CUSHION-SET;75TU7000,EPS,16.7g/l,WHITE,T	1	SNA
.2		BN96-50874G	ASSY PACKING P-PAD;75UTU8000,PET,WITH WA	2	SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
..3		BN69-20641G	PAD-SHEET;75UTU8000H,PET,T3.8,W70,L935,W	2	SNA
1	ACCE1	BN92-27087K	ASSY ACCESSORY;UTU7000K	1	SNA
..2		BN96-50802J	ASSY ACCESSORY MANUAL CABLE;UN75TU7000FX	1	SNA
..3	T0268	3903-001132	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L3000	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAH,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302A	MANUAL USERS;TU7000F,ZA,NORTH AMERICA,MO	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1		BN95-06380C	PRODUCT LCD-SDC;CY-BT075HGLV3H,UTU7000K,	1	SA
..2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	2	SNA
..2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
..2		BN90-11352A	ASSY BACK LIGHT UNIT;75UTU7000K	1	SNA
..3		BN61-16885A	DIFFUSER PLATE;20Y_TU7000_75INCH_DP,PS,T	1	SNA
..3		BN61-17099A	OPTICAL SHEET-COMPLEX;20Y_75INCH_TU7000_	1	SNA
..3		BN96-50471A	ASSY CHASSIS REAR P;75UTU7000K,EGI-SECC,	1	SNA
...4		BN02-00086B	TAPE SINGLE FACE;F4089,PET,T0.1,W30,L45,	6	SNA
...4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	0	SNA
...4		BN02-00352B	TAPE-SINGLE FACE;PET,T0.05,W30,L50M,BLAC	0	SNA
...4		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	6	SNA
...4		BN39-02552A	LEAD CONNECTOR-BLU;75TU8000,UL21016,12P,	1	SNA
...4		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
...4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
...4		BN61-13557L	BRACKET-WIRE;40KU6400,SW-C,T1,NATURAL,ZI	4	SA
...4		BN61-13557M	BRACKET-WIRE;75QM7000,SW-C,T1,SILVER,ZIN	2	SA
...4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	7	SNA
...4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	8	SNA
...4		BN61-16697A	FRAME-MIDDLE BOTTOM;75UTU7000K,PC+GF10%,	1	SNA
...4		BN61-16698A	FRAME-MIDDLE LEFT RIGHT;75UTU7000K,PC+GF	2	SNA
...4		BN61-16699A	FRAME-MIDDLE TOP;75UTU7000K,PC+GF10%,V-2	1	SNA
...4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L11.5,WhiteSi	8	SNA
...4		BN61-16879A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_75INC	1	SNA
...4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	16	SNA
...4		BN61-17087A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_75INC	1	SNA
...4		BN63-18836A	INSULATOR-SMPS;82TU8000,PC,BLACK,L290,W2	1	SNA
...4	CC04	BN64-04262A	CHASSIS-REAR;75UTU7000K,EGI-SECC,-,T1,NA	1	SNA
...4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA

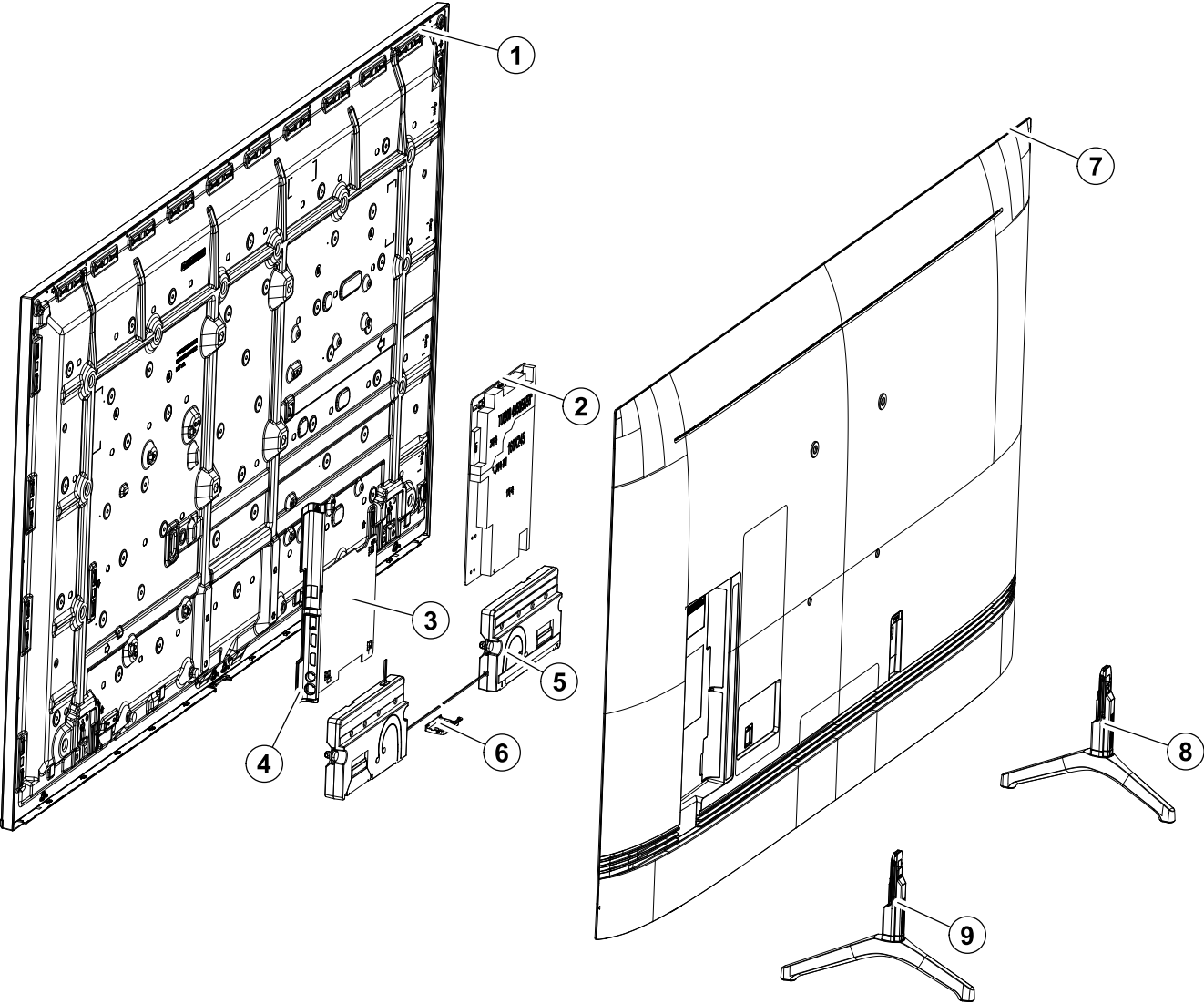


Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		BN96-50310A	ASSY LED BAR P;20Y 75TU8000,ALUMINUM,Lef	6	SNA
...4		BN96-50311A	ASSY LED BAR P;20Y 75TU8000,ALUMINUM,Mid	6	SNA
...4		BN96-50312A	ASSY LED BAR P;20Y 75TU8000,ALUMINUM,Rig	6	SNA
.2		BN96-50260A	ASSY OPEN CELL;SDC,75Inch,Y20 New,LSF750	1	SNA
..3		BN81-16264A	A/S-ADHESIVE-A.C.F;ADHESIVE-A.C.F,0201-0	1	SNA
..3		BN81-16296A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,LJ	1	SA
..3		BN81-16299A	A/S-ASSY PCB-SOURCE(F-L);ASSY PCB-SOURCE	1	SNA
..3		BN81-16300A	A/S-ASSY PCB-SOURCE(F-R);ASSY PCB-SOURCE	1	SNA
..3		BN81-16301A	A/S-ASSY PCB-SOURCE(B-L);ASSY PCB-SOURCE	1	SNA
..3		BN81-16302A	A/S-ASSY PCB-SOURCE(B-R);ASSY PCB-SOURCE	1	SNA
..3		BN81-16323A	A/S-ADHESIVE-A.C.F;ADHESIVE-A.C.F,0201-0	1	SNA
..3		BN81-17363A	A/S-POLARIZER TFT;POLARIZER TFT,LJ01-117	1	SNA
..3		BN81-18842A	A/S-POLARIZER C/F;POLARIZER C/F,LJ01-123	1	SNA
.2		BN96-50466A	ASSY COVER P-DECORATION;75UTU8000H,PC+AB	1	SNA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	2	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418D	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W8,L	0	SNA
..3		BN63-17418L	SHEET-PROTECTION COVER;Q60,PO,T0.05,W28,	2	SNA
..3	FD01	BN63-18480A	COVER-DECORATION;75UTU8000H,PC+ABS+MD18%	1	SNA
.2		BN96-50468A	ASSY CHASSIS FRONT P;75UTU7000K,PC+ABS+M	1	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN02-00611A	TAPE-DOUBLE FACE;PU FOAM,T0.5,W3.2,N/A,B	4	SNA
..3		BN60-01450G	SPACER-PET;65UTU8000H,PET,L1000,CLEAR,T0	3	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	4	SNA
..3	AC155	BN64-04264A	CHASSIS-FRONT;75UTU7000K,PC+ABS+MD18%,V-	1	SNA

# 1. Exploded View & Part List

## Exploded View



**Parts List**

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1	PANEL	BN95-06499A	PRODUCT LCD-CHOT; CY-BT070HGJV1H,UTU7000K	SA	1
2	2		BN44-01056A	DC VSS-PD BOARD; L75S6N_THS,AC/DC,235W,AC	SA	1
3	2	MAIN	BN94-16077M	ASSY PCB MAIN; UTU7000K	SA	1
4	3	TERMINAL	LBN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SA	1
5	2		BN96-49998C	ASSY SPEAKER P-FRONT; TV-SPK,65UTU7000,6o	SA	1
6	2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50853A	ASSY COVER P-REAR; 70UTU7000K,PC+ABS+ED20	SA	1
8	2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT; 75UTU7000K,	SA	1
9	2		BN96-50860A	ASSY STAND P-COVER TOP LEFT; 75UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN70TU7000FXZA (GB02)</b>		
1		BN90-11425C	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-17118N	A/S PART SET-MECH W/I;UTU7000K,U70TK*	1	SNA
1	S001A	BN90-11426H	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50860A	ASSY STAND P-COVER TOP LEFT;75UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3		6902-003301	BAG ACCESSORY;LDPE,T0.06,W400,L320,TRP,R	2	SNA
..3		BN63-18878A	COVER-STAND TOP LEFT;75UTU7000K,PP+GF40%	1	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50862A	ASSY STAND P-COVER TOP RIGHT;75UTU7000K,	1	SA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18879A	COVER-STAND TOP RIGHT;75UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427X	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50853A	ASSY COVER P-REAR;70UTU7000K,PC+ABS+ED20	1	SA
..3	R001	BN63-18643A	COVER-REAR;70UTU7000K,PC+ABS+ED20%,T2.5,	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1		BN91-21956J	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02217F	LEAD CONNECTOR-POWER;70KU6000,UL21016,12	1	SA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN44-01056A	DC VSS-PD BOARD;L75S6N_THS,AC/DC,235W,AC	1	SA
.2	WLAN	BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-49998C	ASSY SPEAKER P-FRONT;TV-SPK,65UTU7000,6o	1	SA
1	M0017	BN91-22539M	ASSY CHASSIS;UTU7000K	1	SNA
.2	MAIN	BN94-16077M	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3	TERMIN	BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SA
..3		BN97-16648B	ASSY SMD;UTU7000K	1	SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	4	SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	2	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	3	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0502-001346	TR-POWER;FCX591A,PNP,1000mW,SOT89,TR,30/	3	SA
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	3	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;AONR21321,P,30V,50A,0.035ohm	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POSI.ADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	12	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	9	SA
...4		2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	SA
...4		2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608,T0.45	2	SA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	14	SA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	5	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000146	R-CHIP;6.8Kohm,5%,1/16W,TP,1005	2	SNA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	43	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	4	SA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000539	R-CHIP;200ohm,5%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608,T0.45	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	3	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	9	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	28	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	7	SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA

## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	2	SA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	5	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	12	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	9	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	53	SA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	3	SNA
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	7	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	22	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	23	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	2	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...4		2409-001240	C-ORGANIC,SMD;33uF,20%,25V,LR,TP,7343	1	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50Oh	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	1	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	5	SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21, VSB Half,4	1	SA



Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,32Gx1bit,	1	SA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
...3		BN97-16730A	ASSY MICOM;70O6AUAGT,70 CHOT TU7	1	SNA
...4		BN46-01190A	S/W MICOM;70O6AUAGT,KANT-SU2 Built-in,TU	1	SNA
...3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1		BN92-27084A	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10255A	LABEL-ENERGY;UN70TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27085J	ASSY BOX;UTU7000K	1	SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20766A	BOX UNIT-OUT;70UTU7000K,CB,DW4,F3,L1731,	1	SNA
1		BN92-27086B	ASSY P/MATERIAL;UTU7000K	1	SNA
.2		6902-001972	BAG ROLL;HDPE/PE FOAM+HDPE,T0.015/T0.5,W	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	5	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	4	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	2	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053S	PACKING ANGLE;ALL,PAPER,T3,W2440,L50,YEL	0	SNA
.2		BN69-20061A	CUSHION-SET FRONT;70UNU6900P,EPS,16.7g/l	1	SNA
.2		BN69-20553A	CUSHION-SET SIDE;70UTU7000,EPS,16.7g/l,W	2	SNA
.2		BN96-49865A	ASSY PACKING P-CUSHION SET;Y19	1	SNA
...3		BN69-20562A	CUSHION-SET;70UTU7000,EPS,16.7g/l,WHITE	1	SNA
...3		BN69-20754A	BOX UNIT-IN;70UTU8000H,CB,DW1,C1,L2060,W	1	SNA
.2		BN96-50874F	ASSY PACKING P-PAD;70UTU8000,PET,WITH WA	2	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA
..3		BN69-20641F	PAD-SHEET;70UTU8000H,PET,T3.8,W70,L855,W	2	SNA
1	ACCE1	BN92-27087D	ASSY ACCESSORY;UTU7000K	1	SNA
.2		BN96-50802E	ASSY ACCESSORY MANUAL CABLE;UN43/50/55/5	1	SNA
..3	T0268	3903-001117	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L1500	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAH,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302F	MANUAL USERS;TU700D,ZA,NORTH AMERICA,MOJ	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1	PANEL	BN95-06499A	PRODUCT LCD-CHOT;CY-BT070HGJV1H,UTU7000K	1	SA
.2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	4	SNA
.2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
.2		BN74-00053E	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W20,	0	SNA
.2		BN90-11351A	ASSY BACK LIGHT UNIT;70UTU7000K	1	SNA
..3		BN61-17052A	DIFFUSER PLATE;20Y_70INCH_TU7000_DP,PS,T	1	SNA
..3		BN61-17100A	OPTICAL SHEET-COMPLEX;20Y_70INCH_TU7000_	1	SNA
..3		BN96-50477A	ASSY CHASSIS REAR P;70UTU7000K,EGI-SECC,	1	SNA
..4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	0	SNA
..4		BN02-00352A	TAPE SINGLE FACE;Y12 F-LED,PET,T0.05,W30	2	SNA
..4		BN02-00513E	TAPE SINGLE FACE;Y20 UT,PET,T0.05,W20,L5	8	SNA
..4		BN02-00586A	TAPE DOUBLE FACE;UNU7100X,ACRYL,T0.3,W3,	4	SNA
..4		BN39-02546A	LEAD CONNECTOR-BLU;70TU8000,UL21016,12P,	1	SNA
..4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
..4		BN61-13557L	BRACKET-WIRE;40KU6400,SW-C,T1,NATURAL,ZI	4	SA
..4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	5	SNA
..4		BN61-13557X	BRACKET-WIRE;65UNU7100X,SW-C,T1,SILVER,L	2	SNA
..4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	7	SNA
..4		BN61-16784A	FRAME-MIDDLE LEFT RIGHT;70UTU7000K,PC+GF	2	SNA
..4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L11.7,WhiteSi	8	SNA
..4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	12	SNA
..4		BN61-16998A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_70INC	1	SNA
..4		BN63-18836A	INSULATOR-SMPS;82TU8000,PC,BLACK,L290,W2	1	SNA
..4	CC04	BN64-04313A	CHASSIS-REAR;70UTU7000K,EGI-SECC,-,T0.8,	1	SNA
..4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA
..4		BN96-50475A	ASSY LED BAR P;20Y 70TU8000,ALUMINUM,Lef	5	SNA

## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		BN96-50489A	ASSY LED BAR P;20Y 70TU8000,ALUMINUM,Rig	5	SNA
...4		BN96-51559A	ASSY FRAME P-MIDDLE BOTTOM;70UTU7000K,PC	1	SNA
....5		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	3	SNA
....5		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
....5		BN61-16783A	FRAME-MIDDLE BOTTOM;70UTU7000K,PC+GF10%,	1	SNA
...4		BN96-51569A	ASSY FRAME P-MIDDLE TOP;70UTU7000K,PC+GF	1	SNA
....5		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	3	SNA
....5		BN61-16779A	FRAME-MIDDLE TOP;70UTU7000K,PC+GF10%,V-2	1	SNA
.2		BN96-50415A	ASSY OPEN CELL;CHOT,70Inch,Y20 New,CV700	1	SNA
..3		BN81-19109A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,NT	1	SNA
..3		BN81-19110A	A/S-ASSY PCB-SOURCE LEFT;ASSY PCB-SOURCE	1	SNA
..3		BN81-19111A	A/S-ASSY PCB-SOURCE MIDDLE;ASSY PCB-SOUR	1	SNA
..3		BN81-19112A	A/S-ASSY PCB-SOURCE RIGHT;ASSY PCB-SOURC	1	SNA
..3		BN81-19113A	A/S-POLARIZER-C/F;POLARIZER-C/F,VW2-AGA-	1	SNA
..3		BN81-19114A	A/S-POLARIZER-TFT;POLARIZER-TFT,VW2-Z000	1	SNA
.2		BN96-50490A	ASSY CHASSIS FRONT P;70UTU7000K,PC+ABS+M	1	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN02-00611A	TAPE-DOUBLE FACE;PU FOAM,T0.5,W3.2,N/A,B	3	SNA
..3	AC155	BN64-04311A	CHASSIS-FRONT;70UTU7000K,PC+ABS+MD18%,V-	1	SNA
..3		BN68-11238A	LABEL;TU7000/700D,ART,T0.08,W6,L30,GRAY	2	SNA
.2	DECO	BN96-50491A	ASSY COVER P-DECORATION;70UTU8000H,PC+AB	1	SA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	2	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418D	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W8,L	0	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	5	SNA
..3	FD01	BN63-18570A	COVER-DECORATION;70UTU8000H,PC+ABS+MD18%	1	SNA
..3		BN68-11238A	LABEL;TU7000/700D,ART,T0.08,W6,L30,GRAY	2	SNA

Model	Version	Panel P/N	Panel Type	BOM/Model	Front Color	SW Model
QN43LS01TAFXZA	BA01	BN95-06430B	43B6AUART	QN43LS01TAFXZA	QTLS01N-Q43TN1	LS01T
QN55LS01TAFXZA	FD02	BN95-06340B	55A1AUART	QN55LS01TAFXZA	QTLS01N-Q55TN1	LS01T
QN55LS01TAFXZA	BA01	BN95-06340B	55A1AUART	QN55LS01TAFXZA	QTLS01N-Q55TN1	LS01T
QN32LS03TBFXZA	BA01	BN95-06556A	32B6AF0QT	QN32LS03TBFXZA	QTLS03S-Q32TS1	LS03TS
QN43LS03TAFXZA	BA01	BN95-06430A	43B6AU0QT	QN43LS03TAFXZA	QTLS03M-Q43TM3	LS03T
QN50LS03TAFXZA	AA01	BN95-06365D	50L6AU0QT	QN50LS03TAFXZA	QTLS03M-Q50TM2	LS03T
QN55LS03TAFXZA	AA01	BN95-06431A	55L1AU0QT	QN55LS03TAFXZA	QTLS03M-Q55TM2	LS03T
QN65LS03TAFXZA	AA01	BN95-06424A	65L1AU0QT	QN65LS03TAFXZA	QTLS03M-Q65TM2	LS03T
QN75LS03TAFXZA	AA01	BN95-06422A	75L1AU0QT	QN75LS03TAFXZA	QTLS03M-Q75TM1	LS03T
QN43LS05TAFXZA	BA01	BN95-05778C	43B6AU1QT	QN43LS05TAFXZA	QTLS05W-Q43TW1	LS05T
QN55LST7TAFXZA	AA01	BN95-06815A	55L1AUZTT	QN55LST7TAFXZA	QTLST7K-Q55TK1	LST7T
QN65LST7TAFXZA	AA01	BN95-06594A	65L1AUZTT	QN65LST7TAFXZA	QTLST7K-Q65TK1	LST7T
QN75LST7TAFXZA	AA01	BN95-06595A	75L1AUZTT	QN75LST7TAFXZA	QTLST7K-Q75TK1	LST7T
QN43Q60TAFXZA	AB01	BN95-06349B	43L6AU0RT	QN43Q60TAFXZA	QTQ60F-Q43TF1	QTQ60
QN43Q60TAFXZA	CD02	BN95-06350D	43S6AU0RT	QN43Q60TAFXZA	QTQ60F-Q43TF1	QTQ60
QN43Q60TBFXZA	AB01	BN95-06349B	43L6AU0RT	QN43Q60TBFXZA	QTQ60F-Q43TF1	QTQ62
QN43Q60TBFXZA	CD02	BN95-06350D	43S6AU0RT	QN43Q60TBFXZA	QTQ60F-Q43TF1	QTQ62
QN50Q60TAFXZA	AB01	BN95-06365B	50L6AU0RT	QN50Q60TAFXZA	QTQ60F-Q50TF1	QTQ60
QN50Q60TAFXZA	YD02	BN95-06366D	50C6AU0RT	QN50Q60TAFXZA	QTQ60F-Q50TF1	QTQ60
QN50Q60TBFXZA	AB01	BN95-06365B	50L6AU0RT	QN50Q60TBFXZA	QTQ60F-Q50TF1	QTQ62
QN50Q60TBFXZA	YD02	BN95-06366D	50C6AU0RT	QN50Q60TBFXZA	QTQ60F-Q50TF1	QTQ62
QN55Q60TAFXZA	FB01	BN95-06347B	55A6AU0RT	QN55Q60TAFXZA	QTQ60F-Q55TF1	QTQ60
QN55Q60TAFXZA	CD02	BN95-06348E	55S6AU0RT	QN55Q60TAFXZA	QTQ60F-Q55TF1	QTQ60
QN55Q60TBFXZA	FB01	BN95-06347B	55A6AU0RT	QN55Q60TBFXZA	QTQ60F-Q55TF1	QTQ62
QN55Q60TBFXZA	CD02	BN95-06348E	55S6AU0RT	QN55Q60TBFXZA	QTQ60F-Q55TF1	QTQ62
QN58Q60TAFXZA	DB01	BN95-06345B	58D6AU0RT	QN58Q60TAFXZA	QTQ60F-Q58TF1	QTQ60
QN58Q60TAFXZA	YB02	BN95-06346B	58C6AU0RT	QN58Q60TAFXZA	QTQ60F-Q58TF1	QTQ60
QN58Q60TBFXZA	DB01	BN95-06345B	58D6AU0RT	QN58Q60TBFXZA	QTQ60F-Q58TF1	QTQ62
QN58Q60TBFXZA	YB02	BN95-06346B	58C6AU0RT	QN58Q60TBFXZA	QTQ60F-Q58TF1	QTQ62
QN65Q60TAFXZA	AD02	BN95-06315E	65L6AU0RT	QN65Q60TAFXZA	QTQ60F-Q65TF1	QTQ60
QN65Q60TAFXZA	CB01	BN95-06316B	65S6AU0RT	QN65Q60TAFXZA	QTQ60F-Q65TF1	QTQ60
QN65Q60TBFXZA	AD02	BN95-06315E	65L6AU0RT	QN65Q60TBFXZA	QTQ60F-Q65TF1	QTQ62
QN65Q60TBFXZA	CB01	BN95-06316B	65S6AU0RT	QN65Q60TBFXZA	QTQ60F-Q65TF1	QTQ62
QN75Q60TAFXZA	CB01	BN95-06343B	75S6AU0RT	QN75Q60TAFXZA	QTQ60F-Q75TF1	QTQ60
QN75Q60TAFXZA	AD02	BN95-06344E	75L6AU0RT	QN75Q60TAFXZA	QTQ60F-Q75TF1	QTQ60
QN75Q60TBFXZA	CB01	BN95-06343B	75S6AU0RT	QN75Q60TBFXZA	QTQ60F-Q75TF1	QTQ62
QN75Q60TBFXZA	AD02	BN95-06344E	75L6AU0RT	QN75Q60TBFXZA	QTQ60F-Q75TF1	QTQ62
QN85Q60TAFXZA	AA01	BN95-06501A	85L6AU0RT	QN85Q60TAFXZA	QTQ60F-Q85TF1	QTQ60
QN85Q60TBFXZA	AA01	BN95-06501A	85L6AU0RT	QN85Q60TBFXZA	QTQ60F-Q85TF1	QTQ62
QN43Q6DTAFXZA	AB01	BN95-06349B	43L6AU0RT	QN43Q6DTAFXZA	QTQ60F-Q43TF1	QTQ6D
QN43Q6DTAFXZA	CD02	BN95-06350D	43S6AU0RT	QN43Q6DTAFXZA	QTQ60F-Q43TF1	QTQ6D
QN50Q6DTAFXZA	AB01	BN95-06365B	50L6AU0RT	QN50Q6DTAFXZA	QTQ60F-Q50TF1	QTQ6D
QN50Q6DTAFXZA	YD02	BN95-06366D	50C6AU0RT	QN50Q6DTAFXZA	QTQ60F-Q50TF1	QTQ6D
QN55Q6DTAFXZA	FB01	BN95-06347B	55A6AU0RT	QN55Q6DTAFXZA	QTQ60F-Q55TF1	QTQ6D
QN55Q6DTAFXZA	CD02	BN95-06348E	55S6AU0RT	QN55Q6DTAFXZA	QTQ60F-Q55TF1	QTQ6D
QN58Q6DTAFXZA	DB01	BN95-06345B	58D6AU0RT	QN58Q6DTAFXZA	QTQ60F-Q58TF1	QTQ6D
QN58Q6DTAFXZA	YB02	BN95-06346B	58C6AU0RT	QN58Q6DTAFXZA	QTQ60F-Q58TF1	QTQ6D
QN65Q6DTAFXZA	AD02	BN95-06315E	65L6AU0RT	QN65Q6DTAFXZA	QTQ60F-Q65TF1	QTQ6D
QN65Q6DTAFXZA	CB01	BN95-06316B	65S6AU0RT	QN65Q6DTAFXZA	QTQ60F-Q65TF1	QTQ6D
QN70Q6DTAFXZA	YA01	BN95-06738A	70C6AU0RT	QN70Q6DTAFXZA	QTQ60F-Q70TF1	QTQ6D
QN75Q6DTAFXZA	CB01	BN95-06343B	75S6AU0RT	QN75Q6DTAFXZA	QTQ60F-Q75TF1	QTQ6D
QN75Q6DTAFXZA	AD02	BN95-06344E	75L6AU0RT	QN75Q6DTAFXZA	QTQ60F-Q75TF1	QTQ6D
QN82Q6DTAFXZA	FA01	BN95-06500A	82A6AU0RT	QN82Q6DTAFXZA	QTQ60F-Q82TF1	QTQ6D

Model	Version	Panel P/N	Panel Type	BOM/Model	Front Color	SW Model
QN85Q6DTAFXZA	AA01	BN95-06501A	85L6AU0RT	QN85Q6DTAFXZA	QTQ60F-Q85TF1	QTQ6D
QN55Q70TAFXZA	FB03	BN95-06340D	55A1AU7RT	QN55Q70TAFXZA	QTQ70E-Q55TE1	QTQ70
QN55Q70TAFXZA	CF04	BN95-06341K	55S1AU7RT	QN55Q70TAFXZA	QTQ70E-Q55TE1	QTQ70
QN55Q70TBFXZA	FB01	BN95-06340D	55A1AU7RT	QN55Q70TBFXZA	QTQ70E-Q55TE1	QTQ72
QN55Q70TBFXZA	CF02	BN95-06341K	55S1AU7RT	QN55Q70TBFXZA	QTQ70E-Q55TE1	QTQ72
QN65Q70TAFXZA	CA02	BN95-06339A	65S1AU7RT	QN65Q70TAFXZA	QTQ70E-Q65TE1	QTQ70
QN65Q70TAFXZA	CH03	BN95-06339G	65S1AU7RT	QN65Q70TAFXZA	QTQ70E-Q65TE1	QTQ70
QN65Q70TAFXZA	FA01	BN95-06342A	65A1AU7RT	QN65Q70TAFXZA	QTQ70E-Q65TE1	QTQ70
QN65Q70TAFXZA	FA01	BN95-06342B	65A1AU7RT	QN65Q70TAFXZA	QTQ70E-Q65TE1	QTQ70
QN65Q70TBFXZA	CH02	BN95-06339G	65S1AU7RT	QN65Q70TBFXZA	QTQ70E-Q65TE1	QTQ72
QN65Q70TBFXZA	FA01	BN95-06342B	65A1AU7RT	QN65Q70TBFXZA	QTQ70E-Q65TE1	QTQ72
QN75Q70TAFXZA	FA01	BN95-06337A	75A1AU7RT	QN75Q70TAFXZA	QTQ70E-Q75TE1	QTQ70
QN75Q70TAFXZA	FB03	BN95-06337B	75A1AU7RT	QN75Q70TAFXZA	QTQ70E-Q75TE1	QTQ70
QN75Q70TAFXZA	CA02	BN95-06338A	75S1AU7RT	QN75Q70TAFXZA	QTQ70E-Q75TE1	QTQ70
QN75Q70TAFXZA	CF04	BN95-06338H	75S1AU7RT	QN75Q70TAFXZA	QTQ70E-Q75TE1	QTQ70
QN75Q70TBFXZA	FB01	BN95-06337B	75A1AU7RT	QN75Q70TBFXZA	QTQ70E-Q75TE1	QTQ72
QN75Q70TBFXZA	CF02	BN95-06338H	75S1AU7RT	QN75Q70TBFXZA	QTQ70E-Q75TE1	QTQ72
QN82Q70TAFXZA	FB01	BN95-06335B	82A1AU7RT	QN82Q70TAFXZA	QTQ70E-Q82TE1	QTQ70
QN82Q70TBFXZA	FB01	BN95-06335B	82A1AU7RT	QN82Q70TBFXZA	QTQ70E-Q82TE1	QTQ72
QN85Q70TAFXZA	AA01	BN95-06333B	85L1AU7RT	QN85Q70TAFXZA	QTQ70E-Q85TE1	QTQ70
QN85Q70TAFXZA	CF02	BN95-06334D	85S1AU7RT	QN85Q70TAFXZA	QTQ70E-Q85TE1	QTQ70
QN85Q70TBFXZA	AA01	BN95-06333B	85L1AU7RT	QN85Q70TBFXZA	QTQ70E-Q85TE1	QTQ72
QN85Q70TBFXZA	CF02	BN95-06334D	85S1AU7RT	QN85Q70TBFXZA	QTQ70E-Q85TE1	QTQ72
QN55Q7DTAFXZA	FB01	BN95-06340D	55A1AU7RT	QN55Q7DTAFXZA	QTQ70E-Q55TE4	QTQ7D
QN55Q7DTAFXZA	FF02	BN95-06340G	55A1AU7RT	QN55Q7DTAFXZA	QTQ70E-Q55TE4	QTQ7D
QN55Q7DTAFXZA	CC03	BN95-06341D	55S1AU7RT	QN55Q7DTAFXZA	QTQ70E-Q55TE4	QTQ7D
QN65Q7DTAFXZA	CC03	BN95-06339D	65S1AU7RT	QN65Q7DTAFXZA	QTQ70E-Q65TE4	QTQ7D
QN65Q7DTAFXZA	FA01	BN95-06342B	65A1AU7RT	QN65Q7DTAFXZA	QTQ70E-Q65TE4	QTQ7D
QN65Q7DTAFXZA	FF02	BN95-06342G	65A1AU7RT	QN65Q7DTAFXZA	QTQ70E-Q65TE4	QTQ7D
QN75Q7DTAFXZA	FB01	BN95-06337B	75A1AU7RT	QN75Q7DTAFXZA	QTQ70E-Q75TE4	QTQ7D
QN75Q7DTAFXZA	FF02	BN95-06337G	75A1AU7RT	QN75Q7DTAFXZA	QTQ70E-Q75TE4	QTQ7D
QN75Q7DTAFXZA	CC03	BN95-06338D	75S1AU7RT	QN75Q7DTAFXZA	QTQ70E-Q75TE4	QTQ7D
QN85Q7DTAFXZA	AA01	BN95-06333B	85L1AU7RT	QN85Q7DTAFXZA	QTQ70E-Q85TE1	QTQ7D
QN85Q7DTAFXZA	CF02	BN95-06334D	85S1AU7RT	QN85Q7DTAFXZA	QTQ70E-Q85TE1	QTQ7D
QN65Q800TAFXZA	FA01	BN95-06473A	65A1ZE8TT	QN65Q800TAFXZA	QTQ800B-Q65TB1	QTQ800
QN65Q800TAFXZA	FF02	BN95-06473E	65A1ZE8TT	QN65Q800TAFXZA	QTQ800B-Q65TB1	QTQ800
QN75Q800TAFXZA	FA02	BN95-06472A	75A1ZE8TT	QN75Q800TAFXZA	QTQ800B-Q75TB1	QTQ800
QN75Q800TAFXZA	FB03	BN95-06472E	75A1ZE8TT	QN75Q800TAFXZA	QTQ800B-Q75TB1	QTQ800
QN82Q800TAFXZA	FA01	BN95-06471A	82A1ZE8TT	QN82Q800TAFXZA	QTQ800B-Q82TB1	QTQ800
QN49Q80TAFXZA	FA01	BN95-06332A	49A6AU8TT	QN49Q80TAFXZA	QTQ80D-Q49TD1	QTQ80
QN55Q80TAFXZA	AA01	BN95-06330A	55L1AU8TT	QN55Q80TAFXZA	QTQ80D-Q55TD1	QTQ80
QN55Q80TAFXZA	AC02	BN95-06330F	55L1ZU8TT	QN55Q80TAFXZA	QTQ80D-Q55TD1	QTQ80
QN55Q80TAFXZA	FA03	BN95-06563D	55A1ZU8TT	QN55Q80TAFXZA	QTQ80D-Q55TD1	QTQ80
QN65Q80TAFXZA	AA01	BN95-06328A	65L1AU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN65Q80TAFXZA	AB03	BN95-06328G	65L1ZU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN65Q80TAFXZA	FA02	BN95-06329A	65A1AU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN65Q80TAFXZA	FB04	BN95-06329D	65A1ZU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN75Q80TAFXZA	FA03	BN95-06326A	75A1AU8TT	QN75Q80TAFXZA	QTQ80D-Q75TD1	QTQ80
QN75Q80TAFXZA	FC04	BN95-06326F	75A1ZU8TT	QN75Q80TAFXZA	QTQ80D-Q75TD1	QTQ80
QN75Q80TAFXZA	AA01	BN95-06327A	75L1AU8TT	QN75Q80TAFXZA	QTQ80D-Q75TD1	QTQ80
QN85Q80TAFXZA	AA01	BN95-06324A	85L1AU8TT	QN85Q80TAFXZA	QTQ80D-Q85TD1	QTQ80
QN85Q80TAFXZA	AC02	BN95-06324D	85L1ZU8TT	QN85Q80TAFXZA	QTQ80D-Q85TD1	QTQ80
QN65Q850TAFXZA	FA01	BN95-06473A	65A1ZE8TT	QN65Q850TAFXZA	QTQ800B-Q65TB1	QTQ850

Model	Version	Panel P/N	Panel Type	BOM/Model	Front Color	SW Model
QN65Q850TAFXZA	FF02	BN95-06473E	65A1ZE8TT	QN65Q850TAFXZA	QTQ800B-Q65TB1	QTQ850
QN75Q850TAFXZA	FA02	BN95-06472A	75A1ZE8TT	QN75Q850TAFXZA	QTQ800B-Q75TB1	QTQ850
QN75Q850TAFXZA	FB03	BN95-06472E	75A1ZE8TT	QN75Q850TAFXZA	QTQ800B-Q75TB1	QTQ850
QN82Q850TAFXZA	FA01	BN95-06471A	82A1ZE8TT	QN82Q850TAFXZA	QTQ800B-Q82TB1	QTQ850
QN49Q8DTAFXZA	FA01	BN95-06332A	49A6AU8TT	QN49Q8DTAFXZA	QTQ80D-Q49TD1	QTQ8D
QN55Q8DTAFXZA	AC02	BN95-06330F	55L1ZU8TT	QN55Q8DTAFXZA	QTQ80D-Q55TD1	QTQ8D
QN55Q8DTAFXZA	FA03	BN95-06563D	55A1ZU8TT	QN55Q8DTAFXZA	QTQ80D-Q55TD1	QTQ8D
QN65Q8DTAFXZA	AA01	BN95-06328A	65L1AU8TT	QN65Q8DTAFXZA	QTQ80D-Q65TD1	QTQ8D
QN65Q8DTAFXZA	AB02	BN95-06328G	65L1ZU8TT	QN65Q8DTAFXZA	QTQ80D-Q65TD1	QTQ8D
QN65Q8DTAFXZA	FB03	BN95-06329D	65A1ZU8TT	QN65Q8DTAFXZA	QTQ80D-Q65TD1	QTQ8D
QN75Q8DTAFXZA	FA01	BN95-06326A	75A1AU8TT	QN75Q8DTAFXZA	QTQ80D-Q75TD1	QTQ8D
QN75Q8DTAFXZA	FC02	BN95-06326F	75A1ZU8TT	QN75Q8DTAFXZA	QTQ80D-Q75TD1	QTQ8D
QN85Q8DTAFXZA	AC02	BN95-06324D	85L1ZU8TT	QN85Q8DTAFXZA	QTQ80D-Q85TD1	QTQ8D
QN65Q900TSFXZA	AA01	BN95-06362A	65L1ZEZTT	QN65Q900TSFXZA	QTQ900SU-Q65TU1	QTQ900
QN65Q900TSFXZA	AB02	BN95-06362B	65L1ZEZTT	QN65Q900TSFXZA	QTQ900SU-Q65TU1	QTQ900
QN65Q900TSFXZA	AC03	BN95-06362C	65L1ZECTT	QN65Q900TSFXZA	QTQ900SU-Q65TU1	QTQ900
QN65Q900TSFXZA	AD04	BN95-06362D	65L1ZECTT	QN65Q900TSFXZA	QTQ900SU-Q65TU1	QTQ900
QN75Q900TSFXZA	AA01	BN95-06363A	75L1ZEZTT	QN75Q900TSFXZA	QTQ900SU-Q75TU1	QTQ900
QN75Q900TSFXZA	AB02	BN95-06363B	75L1ZEZTT	QN75Q900TSFXZA	QTQ900SU-Q75TU1	QTQ900
QN75Q900TSFXZA	AC03	BN95-06363C	75L1ZETTT	QN75Q900TSFXZA	QTQ900SU-Q75TU1	QTQ900
QN75Q900TSFXZA	AD04	BN95-06363D	75L1ZETTT	QN75Q900TSFXZA	QTQ900SU-Q75TU1	QTQ900
QN85Q900TSFXZA	AA01	BN95-06364A	85L1ZEZTT	QN85Q900TSFXZA	QTQ900SU-Q85TU1	QTQ900
QN85Q900TSFXZA	AB02	BN95-06364B	85L1ZEZTT	QN85Q900TSFXZA	QTQ900SU-Q85TU1	QTQ900
QN85Q900TSFXZA	AC03	BN95-06364C	85L1ZETTT	QN85Q900TSFXZA	QTQ900SU-Q85TU1	QTQ900
QN85Q900TSFXZA	AD04	BN95-06364D	85L1ZETTT	QN85Q900TSFXZA	QTQ900SU-Q85TU1	QTQ900
QN55Q90TAFXZA	AA01	BN95-06322B	55L1ZU9TT	QN55Q90TAFXZA	QTQ90C-Q55TC1	QTQ90
QN55Q90TAFXZA	AB02	BN95-06322F	55L1ZU9TT	QN55Q90TAFXZA	QTQ90C-Q55TC1	QTQ90
QN55Q90TAFXZA	FA03	BN95-06323B	55A1ZU9TT	QN55Q90TAFXZA	QTQ90C-Q55TC1	QTQ90
QN55Q90TAFXZA	FB04	BN95-06323E	55A1ZU9TT	QN55Q90TAFXZA	QTQ90C-Q55TC1	QTQ90
QN65Q90TAFXZA	FA02	BN95-06320B	65A1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN65Q90TAFXZA	FB03	BN95-06320F	65A1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN65Q90TAFXZA	AD05	BN95-06321B	65L1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN65Q90TAFXZA	AA01	BN95-06321B	65L1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN65Q90TAFXZA	AB04	BN95-06321E	65L1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN75Q90TAFXZA	AA01	BN95-06318B	75L1ZU9TT	QN75Q90TAFXZA	QTQ90C-Q75TC1	QTQ90
QN75Q90TAFXZA	AB02	BN95-06318E	75L1ZU9TT	QN75Q90TAFXZA	QTQ90C-Q75TC1	QTQ90
QN75Q90TAFXZA	FA03	BN95-06319B	75A1ZU9TT	QN75Q90TAFXZA	QTQ90C-Q75TC1	QTQ90
QN75Q90TAFXZA	FC04	BN95-06319E	75A1ZU9TT	QN75Q90TAFXZA	QTQ90C-Q75TC1	QTQ90
QN85Q90TAFXZA	AA01	BN95-06317B	85L1ZU9TT	QN85Q90TAFXZA	QTQ90C-Q85TC1	QTQ90
QN85Q90TAFXZA	AB02	BN95-06317E	85L1ZU9TT	QN85Q90TAFXZA	QTQ90C-Q85TC1	QTQ90
QN85Q950TSFXZA	AA01	BN95-06361A	85L1ZEZTT	QN85Q950TSFXZA	QTQ950SA-Q85TA1	QTQ950
QN85Q950TSFXZA	AC02	BN95-06361C	85L1ZETTT	QN85Q950TSFXZA	QTQ950SA-Q85TA1	QTQ950
UN43TU7000FXZA	BA02	BN95-06367G	43B6AUAGT	UN43TU7000FXZA	UTU7000K-U43TK1	UTU7000
UN43TU7000FXZA	CB01	BN95-06368E	43S6AUAGT	UN43TU7000FXZA	UTU7000K-U43TK1	UTU7000
UN43TU700DFXZA	BA02	BN95-06367G	43B6AUAGT	UN43TU700DFXZA	UTU7000K-U43TK1	UTU700D
UN43TU700DFXZA	CB01	BN95-06368E	43S6AUAGT	UN43TU700DFXZA	UTU7000K-U43TK1	UTU700D
UN50TU7000FXZA	DB01	BN95-06370D	50D6AUAGT	UN50TU7000FXZA	UTU7000K-U50TK1	UTU7000
UN50TU7000FXZA	AB03	BN95-06497D	50L6AUAGT	UN50TU7000FXZA	UTU7000K-U50TK1	UTU7000
UN50TU7000FXZA	XC02	BN95-06726B	50K6AUAGT	UN50TU7000FXZA	UTU7000K-U50TK1	UTU7000
UN50TU700DFXZA	DB01	BN95-06370D	50D6AUAGT	UN50TU700DFXZA	UTU7000K-U50TK1	UTU700D
UN50TU700DFXZA	AB03	BN95-06497D	50L6AUAGT	UN50TU700DFXZA	UTU7000K-U50TK1	UTU700D
UN50TU700DFXZA	XC02	BN95-06726B	50K6AUAGT	UN50TU700DFXZA	UTU7000K-U50TK1	UTU700D
UN55TU7000FXZA	CA02	BN95-06371C	55S6AUAGT	UN55TU7000FXZA	UTU7000K-U55TK1	UTU7000

Model	Version	Panel P/N	Panel Type	BOM/Model	Front Color	SW Model
UN55TU7000FXZA	FA01	BN95-06372C	55A6AUAGT	UN55TU7000FXZA	UTU7000K-U55TK1	UTU7000
UN55TU700DFXZA	CA02	BN95-06371C	55S6AUAGT	UN55TU700DFXZA	UTU7000K-U55TK1	UTU700D
UN55TU700DFXZA	FA01	BN95-06372C	55A6AUAGT	UN55TU700DFXZA	UTU7000K-U55TK1	UTU700D
UN58TU7000FXZA	YA01	BN95-06374A	58C6AUAGT	UN58TU7000FXZA	UTU7000K-U58TK1	UTU7000
UN58TU7000FXZA	YE02	BN95-06374G	58C6AUBGT	UN58TU7000FXZA	UTU7000K-U58TK1	UTU7000
UN58TU700DFXZA	YA01	BN95-06374A	58C6AUAGT	UN58TU700DFXZA	UTU7000K-U58TK1	UTU700D
UN58TU700DFXZA	YE02	BN95-06374G	58C6AUBGT	UN58TU700DFXZA	UTU7000K-U58TK1	UTU700D
UN65TU7000FXZA	FA01	BN95-06376C	65A6AUAGT	UN65TU7000FXZA	UTU7000K-U65TK1	UTU7000
UN65TU700DFXZA	FA01	BN95-06376C	65A6AUAGT	UN65TU700DFXZA	UTU7000K-U65TK1	UTU700D
UN70TU7000FXZA	YA01	BN95-06383B	70C6AUAGT	UN70TU7000FXZA	UTU7000K-U70TK1	UTU7000
UN70TU7000FXZA	GB02	BN95-06499A	70O6AUAGT	UN70TU7000FXZA	UTU7000K-U70TK1	UTU7000
UN70TU700DFXZA	YA01	BN95-06383B	70C6AUAGT	UN70TU700DFXZA	UTU7000K-U70TK1	UTU700D
UN70TU700DFXZA	GB02	BN95-06499A	70O6AUAGT	UN70TU700DFXZA	UTU7000K-U70TK1	UTU700D
UN75TU7000FXZA	BC02	BN95-06379C	75B6AUAGT	UN75TU7000FXZA	UTU7000K-U75TK1	UTU7000
UN75TU7000FXZA	FA01	BN95-06380C	75A6AUAGT	UN75TU7000FXZA	UTU7000K-U75TK1	UTU7000
UN75TU700DFXZA	BC02	BN95-06379C	75B6AUAGT	UN75TU700DFXZA	UTU7000K-U75TK1	UTU700D
UN75TU700DFXZA	FA01	BN95-06380C	75A6AUAGT	UN75TU700DFXZA	UTU7000K-U75TK1	UTU700D
UN82TU700DFXZA	FA01	BN95-06381F	82A6AUAGT	UN82TU700DFXZA	UTU7000K-U82TK1	UTU700D
UN43TU8000FXZA	BB03	BN95-06367A	43B6AU0GT	UN43TU8000FXZA	UTU8000H-U43TH1	UTU8000
UN43TU8000FXZA	BA01	BN95-06367A	43B6AU0GT	UN43TU8000FXZA	UTU8000H-U43TH1	UTU8000
UN43TU8000FXZA	DB04	BN95-06748A	43D6AU0GT	UN43TU8000FXZA	UTU8000H-U43TH1	UTU8000
UN43TU8000FXZA	DA02	BN95-06748A	43D6AU0GT	UN43TU8000FXZA	UTU8000H-U43TH1	UTU8000
UN50TU8000FXZA	YB06	BN95-06369A	50C6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU8000FXZA	YA01	BN95-06369A	50C6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU8000FXZA	DB05	BN95-06370F	50D6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU8000FXZA	DA03	BN95-06370F	50D6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU8000FXZA	AB04	BN95-06497A	50L6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU8000FXZA	AA02	BN95-06497A	50L6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU800DFXZA	YA01	BN95-06369A	50C6AU0GT	UN50TU800DFXZA	UTU8000H-U50TH1	UTU800D
UN50TU800DFXZA	DA03	BN95-06370F	50D6AU0GT	UN50TU800DFXZA	UTU8000H-U50TH1	UTU800D
UN50TU800DFXZA	AA02	BN95-06497A	50L6AU0GT	UN50TU800DFXZA	UTU8000H-U50TH1	UTU800D
UN55TU8000FXZA	CB01	BN95-06371A	55S6AU0GT	UN55TU8000FXZA	UTU8000H-U55TH1	UTU8000
UN65TU8000FXZA	FA02	BN95-06376D	65A6AU0GT	UN65TU8000FXZA	UTU8000H-U65TH1	UTU8000
UN65TU8000FXZA	BA01	BN95-06377A	65B6AU0GT	UN65TU8000FXZA	UTU8000H-U65TH1	UTU8000
UN65TU8000FXZA	AA03	BN95-06725A	65L6AU0GT	UN65TU8000FXZA	UTU8000H-U65TH1	UTU8000
UN75TU8000FXZA	BB01	BN95-06379A	75B6AU0GT	UN75TU8000FXZA	UTU8000H-U75TH1	UTU8000
UN75TU8000FXZA	FB02	BN95-06380D	75A6AU0GT	UN75TU8000FXZA	UTU8000H-U75TH1	UTU8000
UN85TU8000FXZA	CA01	BN95-06541A	85S6AU0GT	UN85TU8000FXZA	UTU8000H-U85TH1	UTU8000
UN85TU8000FXZA	AA02	BN95-06740A	85L6AU0GT	UN85TU8000FXZA	UTU8000H-U85TH1	UTU8000
UN85TU800DFXZA	CA01	BN95-06541A	85S6AU0GT	UN85TU800DFXZA	UTU8000H-U85TH1	UTU800D
UN85TU800DFXZA	AA02	BN95-06740A	85L6AU0GT	UN85TU800DFXZA	UTU8000H-U85TH1	UTU800D
UN43TU8200FXZA	BA02	BN95-06367A	43B6AU0GT	UN43TU8200FXZA	UTU8000H-U43TH1	UTU8200
UN43TU8200FXZA	BB01	BN95-06367B	43B6AU0GT	UN43TU8200FXZA	UTU8000H-U43TH1	UTU8200
UN43TU8200FXZA	DA03	BN95-06748A	43D6AU0GT	UN43TU8200FXZA	UTU8000H-U43TH1	UTU8200
UN50TU8200FXZA	YA02	BN95-06369A	50C6AU0GT	UN50TU8200FXZA	UTU8000H-U50TH1	UTU8200
UN50TU8200FXZA	YB01	BN95-06369B	50C6AU0GT	UN50TU8200FXZA	UTU8000H-U50TH1	UTU8200
UN50TU8200FXZA	DA04	BN95-06370F	50D6AU0GT	UN50TU8200FXZA	UTU8000H-U50TH1	UTU8200
UN50TU8200FXZA	AA03	BN95-06497A	50L6AU0GT	UN50TU8200FXZA	UTU8000H-U50TH1	UTU8200
UN55TU8200FXZA	CB02	BN95-06371A	55S6AU0GT	UN55TU8200FXZA	UTU8000H-U55TH1	UTU8200
UN55TU8200FXZA	CA01	BN95-06371B	55S6AU0GT	UN55TU8200FXZA	UTU8000H-U55TH1	UTU8200
UN65TU8200FXZA	FA03	BN95-06376D	65A6AU0GT	UN65TU8200FXZA	UTU8000H-U65TH1	UTU8200
UN65TU8200FXZA	BA02	BN95-06377A	65B6AU0GT	UN65TU8200FXZA	UTU8000H-U65TH1	UTU8200
UN65TU8200FXZA	BB01	BN95-06377B	65B6AU0GT	UN65TU8200FXZA	UTU8000H-U65TH1	UTU8200

<b>Model</b>	<b>Version</b>	<b>Panel P/N</b>	<b>Panel Type</b>	<b>BOM/Model</b>	<b>Front Color</b>	<b>SW Model</b>
UN65TU8200FXZA	AA04	BN95-06725A	65L6AU0GT	UN65TU8200FXZA	UTU8000H-U65TH1	UTU8200
UN75TU8200FXZA	BB02	BN95-06379A	75B6AU0GT	UN75TU8200FXZA	UTU8000H-U75TH1	UTU8200
UN75TU8200FXZA	BA01	BN95-06379B	75B6AU0GT	UN75TU8200FXZA	UTU8000H-U75TH1	UTU8200
UN75TU8200FXZA	FB03	BN95-06380D	75A6AU0GT	UN75TU8200FXZA	UTU8000H-U75TH1	UTU8200
UN85TU8200FXZA	CA01	BN95-06541A	85S6AU0GT	UN85TU8200FXZA	UTU8000H-U85TH1	UTU8200
UN85TU8200FXZA	AA02	BN95-06740A	85L6AU0GT	UN85TU8200FXZA	UTU8000H-U85TH1	UTU8200
UN55TU850DFXZA	AC01	BN95-06353A	55L6AU0NT	UN55TU850DFXZA	UTU8500N-U55TN1	UTU850D
UN55TU850DFXZA	FA02	BN95-06555A	55A6AU0NT	UN55TU850DFXZA	UTU8500N-U55TN1	UTU850D
UN65TU850DFXZA	BC01	BN95-06351A	65B6AU0NT	UN65TU850DFXZA	UTU8500N-U65TN1	UTU850D
UN65TU850DFXZA	AA02	BN95-06597A	65L6AU0NT	UN65TU850DFXZA	UTU8500N-U65TN1	UTU850D



Model	Version	Panel P/N	Panel Type	BOM / Model	Front Color	SW Model
QN32LS03TBFXZA	BA01	BN95-06556A	32B6AFOQT	QN32LS03TBFXZA	QTLS03S-Q32TS1	LS03TS
QN43LS01TAFXZA	BA01	BN95-06430B	43B6AUART	QN43LS01TAFXZA	QTLS01N-Q43TN1	LS01T
QN43LS03TAFXZA	BA01	BN95-06430A	43B6AUOQT	QN43LS03TAFXZA	QTLS03M-Q43TM3	LS03T
QN43LS05TAFXZA	BA01	BN95-05778C	43B6AU1QT	QN43LS05TAFXZA	QTLS05W-Q43TW1	LS05T
QN43Q60TAFXZA	AB01	BN95-06349B	43L6AU0RT	QN43Q60TAFXZA	QTQ60F-Q43TF1	QTQ60
QN43Q60TBFXZA	AB01	BN95-06349B	43L6AU0RT	QN43Q60TBFXZA	QTQ60F-Q43TF1	QTQ62
QN43Q6DTAFXZA	AB01	BN95-06349B	43L6AU0RT	QN43Q6DTAFXZA	QTQ60F-Q43TF1	QTQ6D
QN49Q80TAFXZA	FA01	BN95-06332A	49A6AU8TT	QN49Q80TAFXZA	QTQ80D-Q49TD1	QTQ80
QN49Q8DTAFXZA	FA01	BN95-06332A	49A6AU8TT	QN49Q8DTAFXZA	QTQ80D-Q49TD1	QTQ8D
QN50LS03TAFXZA	AA01	BN95-06365D	50L6AUOQT	QN50LS03TAFXZA	QTLS03M-Q50TM2	LS03T
QN50Q60TAFXZA	AB01	BN95-06365B	50L6AU0RT	QN50Q60TAFXZA	QTQ60F-Q50TF1	QTQ60
QN50Q60TBFXZA	AB01	BN95-06365B	50L6AU0RT	QN50Q60TBFXZA	QTQ60F-Q50TF1	QTQ62
QN50Q6DTAFXZA	AB01	BN95-06365B	50L6AU0RT	QN50Q6DTAFXZA	QTQ60F-Q50TF1	QTQ6D
QN55LS01TAFXZA	FD02	BN95-06340B	55A1AUART	QN55LS01TAFXZA	QTLS01N-Q55TN1	LS01T
QN55LS01TAFXZA	BA01	BN95-06340B	55A1AUART	QN55LS01TAFXZA	QTLS01N-Q55TN1	LS01T
QN55LS03TAFXZA	AA01	BN95-06431A	55L1AUOQT	QN55LS03TAFXZA	QTLS03M-Q55TM2	LS03T
QN55Q60TAFXZA	FB01	BN95-06347B	55A6AU0RT	QN55Q60TAFXZA	QTQ60F-Q55TF1	QTQ60
QN55Q60TAFXZA	CD02	BN95-06348E	55S6AU0RT	QN55Q60TAFXZA	QTQ60F-Q55TF1	QTQ60
QN55Q60TBFXZA	FB01	BN95-06347B	55A6AU0RT	QN55Q60TBFXZA	QTQ60F-Q55TF1	QTQ62
QN55Q60TBFXZA	CD02	BN95-06348E	55S6AU0RT	QN55Q60TBFXZA	QTQ60F-Q55TF1	QTQ62
QN55Q6DTAFXZA	FB01	BN95-06347B	55A6AU0RT	QN55Q6DTAFXZA	QTQ60F-Q55TF1	QTQ6D
QN55Q6DTAFXZA	CD02	BN95-06348E	55S6AU0RT	QN55Q6DTAFXZA	QTQ60F-Q55TF1	QTQ6D
QN55Q70TAFXZA	FB03	BN95-06340D	55A1AU7RT	QN55Q70TAFXZA	QTQ70E-Q55TE1	QTQ70
QN55Q70TBFXZA	FB01	BN95-06340D	55A1AU7RT	QN55Q70TBFXZA	QTQ70E-Q55TE1	QTQ72
QN55Q7DTAFXZA	FB01	BN95-06340D	55A1AU7RT	QN55Q7DTAFXZA	QTQ70E-Q55TE4	QTQ7D
QN55Q7DTAFXZA	FF02	BN95-06340G	55A1AU7RT	QN55Q7DTAFXZA	QTQ70E-Q55TE4	QTQ7D
QN55Q80TAFXZA	AA01	BN95-06330A	55L1AU8TT	QN55Q80TAFXZA	QTQ80D-Q55TD1	QTQ80
QN55Q80TAFXZA	AC02	BN95-06330F	55L1ZU8TT	QN55Q80TAFXZA	QTQ80D-Q55TD1	QTQ80
QN55Q8DTAFXZA	AC02	BN95-06330F	55L1ZU8TT	QN55Q8DTAFXZA	QTQ80D-Q55TD1	QTQ8D
QN55Q90TAFXZA	AA01	BN95-06322B	55L1ZU9TT	QN55Q90TAFXZA	QTQ90C-Q55TC1	QTQ90
QN55Q90TAFXZA	AB02	BN95-06322F	55L1ZU9TT	QN55Q90TAFXZA	QTQ90C-Q55TC1	QTQ90
QN58Q60TAFXZA	DB01	BN95-06345B	58D6AU0RT	QN58Q60TAFXZA	QTQ60F-Q58TF1	QTQ60
QN58Q60TBFXZA	DB01	BN95-06345B	58D6AU0RT	QN58Q60TBFXZA	QTQ60F-Q58TF1	QTQ62
QN58Q6DTAFXZA	DB01	BN95-06345B	58D6AU0RT	QN58Q6DTAFXZA	QTQ60F-Q58TF1	QTQ6D
QN65LS03TAFXZA	AA01	BN95-06424A	65L1AUOQT	QN65LS03TAFXZA	QTLS03M-Q65TM2	LS03T
QN65LST7TAFXZA	AA01	BN95-06594A	65L1AUZTT	QN65LST7TAFXZA	QTQ90C-Q65TC1	LST7T
QN65Q60TAFXZA	AD02	BN95-06315E	65L6AU0RT	QN65Q60TAFXZA	QTQ60F-Q65TF1	QTQ60
QN65Q60TAFXZA	CB01	BN95-06316B	65S6AU0RT	QN65Q60TAFXZA	QTQ60F-Q65TF1	QTQ60
QN65Q60TBFXZA	AD02	BN95-06315E	65L6AU0RT	QN65Q60TBFXZA	QTQ60F-Q65TF1	QTQ62
QN65Q60TBFXZA	CB01	BN95-06316B	65S6AU0RT	QN65Q60TBFXZA	QTQ60F-Q65TF1	QTQ62
QN65Q6DTAFXZA	AD02	BN95-06315E	65L6AU0RT	QN65Q6DTAFXZA	QTQ60F-Q65TF1	QTQ6D
QN65Q6DTAFXZA	CB01	BN95-06316B	65S6AU0RT	QN65Q6DTAFXZA	QTQ60F-Q65TF1	QTQ6D
QN65Q70TAFXZA	CA02	BN95-06339A	65S1AU7RT	QN65Q70TAFXZA	QTQ70E-Q65TE1	QTQ70
QN65Q70TAFXZA	FA01	BN95-06342A	65A1AU7RT	QN65Q70TAFXZA	QTQ70E-Q65TE1	QTQ70
QN65Q70TAFXZA	FA01	BN95-06342B	65A1AU7RT	QN65Q70TAFXZA	QTQ70E-Q65TE1	QTQ70

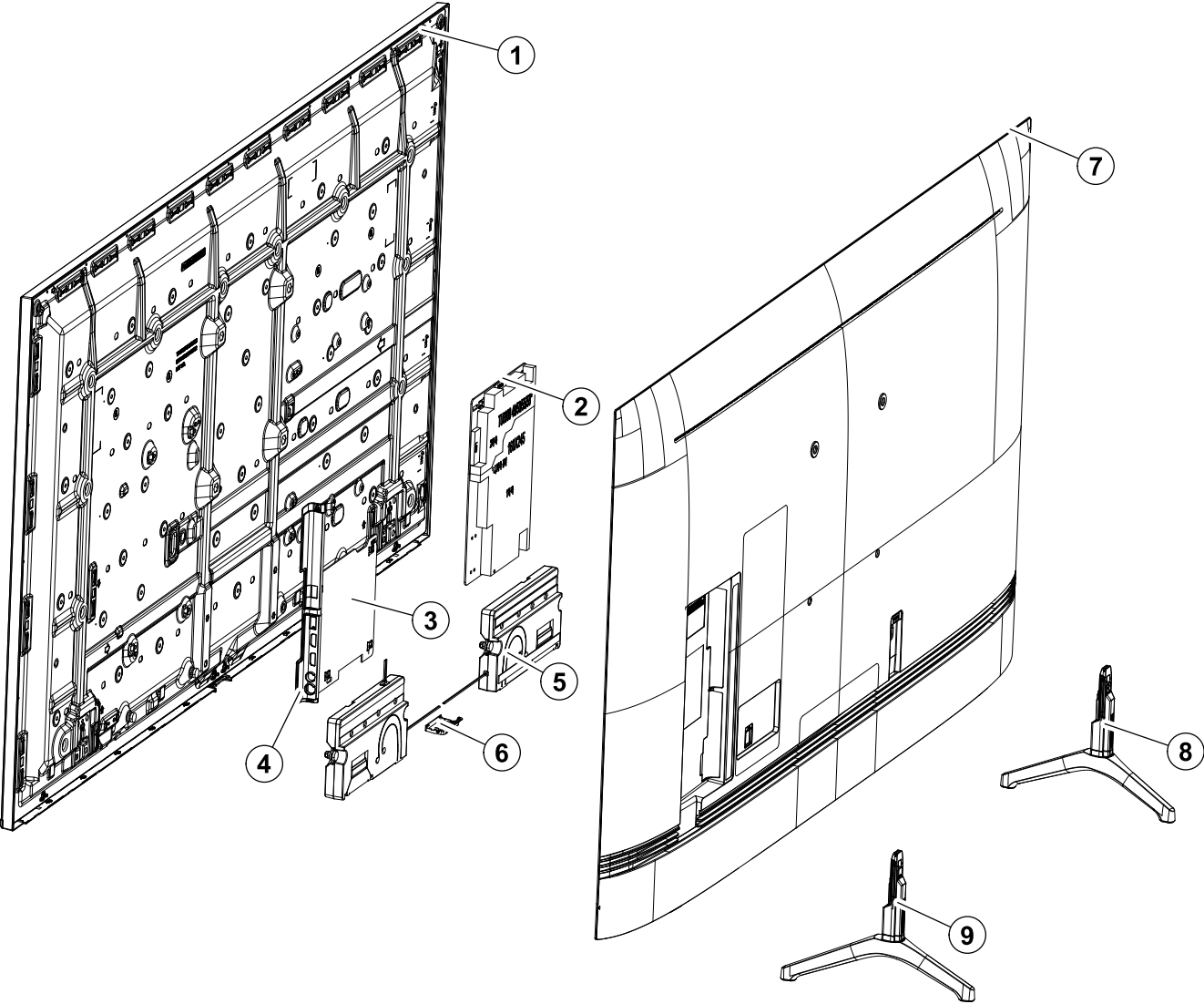
Model	Version	Panel P/N	Panel Type	BOM / Model	Front Color	SW Model
QN65Q70TBFXZA	FA01	BN95-06342B	65A1AU7RT	QN65Q70TBFXZA	QTQ70E-Q65TE1	QTQ72
QN65Q7DTAFXZA	FA01	BN95-06342B	65A1AU7RT	QN65Q7DTAFXZA	QTQ70E-Q65TE4	QTQ7D
QN65Q7DTAFXZA	FF02	BN95-06342G	65A1AU7RT	QN65Q7DTAFXZA	QTQ70E-Q65TE4	QTQ7D
QN65Q800TAFXZA	FA01	BN95-06473A	65A1ZE8TT	QN65Q800TAFXZA	QTQ800B-Q65TB1	QTQ800
QN65Q800TAFXZA	FF02	BN95-06473E	65A1ZE8TT	QN65Q800TAFXZA	QTQ800B-Q65TB1	QTQ800
QN65Q80TAFXZA	AA01	BN95-06328A	65L1AU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN65Q80TAFXZA	AB03	BN95-06328G	65L1ZU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN65Q80TAFXZA	FA02	BN95-06329A	65A1AU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN65Q80TAFXZA	FB04	BN95-06329D	65A1ZU8TT	QN65Q80TAFXZA	QTQ80D-Q65TD1	QTQ80
QN65Q850TAFXZA	FA01	BN95-06473A	65A1ZE8TT	QN65Q850TAFXZA	QTQ800B-Q65TB1	QTQ850
QN65Q850TAFXZA	FF02	BN95-06473E	65A1ZE8TT	QN65Q850TAFXZA	QTQ800B-Q65TB1	QTQ850
QN65Q8DTAFXZA	AA01	BN95-06328A	65L1AU8TT	QN65Q8DTAFXZA	QTQ80D-Q65TD1	QTQ8D
QN65Q8DTAFXZA	AB02	BN95-06328G	65L1ZU8TT	QN65Q8DTAFXZA	QTQ80D-Q65TD1	QTQ8D
QN65Q8DTAFXZA	FB03	BN95-06329D	65A1ZU8TT	QN65Q8DTAFXZA	QTQ80D-Q65TD1	QTQ8D
QN65Q900TSFXZA	AA01	BN95-06362A	65L1ZEZTT	QN65Q900TSFXZA	QTQ900SU-Q65TU1	QTQ900
QN65Q900TSFXZA	AB02	BN95-06362B	65L1ZEZTT	QN65Q900TSFXZA	QTQ900SU-Q65TU1	QTQ900
QN65Q90TAFXZA	FA02	BN95-06320B	65A1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN65Q90TAFXZA	FB03	BN95-06320F	65A1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN65Q90TAFXZA	AA01	BN95-06321B	65L1ZU9TT	QN65Q90TAFXZA	QTQ90C-Q65TC1	QTQ90
QN75LS03TAFXZA	AA01	BN95-06422A	75L1AU0QT	QN75LS03TAFXZA	QTLS03M-Q75TM1	LS03T
QN75LST7TAFXZA	AA01	BN95-06595A	75L1AUZTT	QN75LST7TAFXZA	QTQ90C-Q75TC1	LST7T
QN75Q60TAFXZA	CB01	BN95-06343B	75S6AU0RT	QN75Q60TAFXZA	QTQ60F-Q75TF1	QTQ60
QN75Q60TBFXZA	CB01	BN95-06343B	75S6AU0RT	QN75Q60TBFXZA	QTQ60F-Q75TF1	QTQ62
QN75Q6DTAFXZA	CB01	BN95-06343B	75S6AU0RT	QN75Q6DTAFXZA	QTQ60F-Q75TF1	QTQ6D
QN75Q70TAFXZA	FA01	BN95-06337A	75A1AU7RT	QN75Q70TAFXZA	QTQ70E-Q75TE1	QTQ70
QN75Q70TAFXZA	FB03	BN95-06337B	75A1AU7RT	QN75Q70TAFXZA	QTQ70E-Q75TE1	QTQ70
QN75Q70TAFXZA	CA02	BN95-06338A	75S1AU7RT	QN75Q70TAFXZA	QTQ70E-Q75TE1	QTQ70
QN75Q70TBFXZA	FB01	BN95-06337B	75A1AU7RT	QN75Q70TBFXZA	QTQ70E-Q75TE1	QTQ72
QN75Q7DTAFXZA	FB01	BN95-06337B	75A1AU7RT	QN75Q7DTAFXZA	QTQ70E-Q75TE4	QTQ7D
QN75Q7DTAFXZA	FF02	BN95-06337G	75A1AU7RT	QN75Q7DTAFXZA	QTQ70E-Q75TE4	QTQ7D
QN75Q800TAFXZA	FA02	BN95-06472A	75A1ZE8TT	QN75Q800TAFXZA	QTQ800B-Q75TB1	QTQ800
QN75Q800TAFXZA	FB03	BN95-06472E	75A1ZE8TT	QN75Q800TAFXZA	QTQ800B-Q75TB1	QTQ800
QN75Q80TAFXZA	FA03	BN95-06326A	75A1AU8TT	QN75Q80TAFXZA	QTQ80D-Q75TD1	QTQ80
QN75Q80TAFXZA	FC04	BN95-06326F	75A1ZU8TT	QN75Q80TAFXZA	QTQ80D-Q75TD1	QTQ80
QN75Q80TAFXZA	AA01	BN95-06327A	75L1AU8TT	QN75Q80TAFXZA	QTQ80D-Q75TD1	QTQ80
QN75Q850TAFXZA	FA02	BN95-06472A	75A1ZE8TT	QN75Q850TAFXZA	QTQ800B-Q75TB1	QTQ850
QN75Q850TAFXZA	FB03	BN95-06472E	75A1ZE8TT	QN75Q850TAFXZA	QTQ800B-Q75TB1	QTQ850
QN75Q8DTAFXZA	FA01	BN95-06326A	75A1AU8TT	QN75Q8DTAFXZA	QTQ80D-Q75TD1	QTQ8D
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QN75Q900TSFXZA	AA01	BN95-06363A	75L1ZEZTT	QN75Q900TSFXZA	QTQ900SU-Q75TU1	QTQ900
QN75Q900TSFXZA	AB02	BN95-06363B	75L1ZEZTT	QN75Q900TSFXZA	QTQ900SU-Q75TU1	QTQ900
QN75Q90TAFXZA	AA01	BN95-06318B	75L1ZU9TT	QN75Q90TAFXZA	QTQ90C-Q75TC1	QTQ90
QN75Q90TAFXZA	AB02	BN95-06318E	75L1ZU9TT	QN75Q90TAFXZA	QTQ90C-Q75TC1	QTQ90
QN82Q6DTAFXZA	FA01	BN95-06500A	82A6AU0RT	QN82Q6DTAFXZA	QTQ60F-Q82TF1	QTQ6D
QN82Q70TAFXZA	FB01	BN95-06335B	82A1AU7RT	QN82Q70TAFXZA	QTQ70E-Q82TE1	QTQ70

Model	Version	Panel P/N	Panel Type	BOM / Model	Front Color	SW Model
QN82Q70TBFXZA	FB01	BN95-06335B	82A1AU7RT	QN82Q70TBFXZA	QTQ70E-Q82TE1	QTQ72
QN82Q800TAFXZA	FA01	BN95-06471A	82A1ZE8TT	QN82Q800TAFXZA	QTQ800B-Q82TB1	QTQ800
QN82Q850TAFXZA	FA01	BN95-06471A	82A1ZE8TT	QN82Q850TAFXZA	QTQ800B-Q82TB1	QTQ850
QN85Q60TAFXZA	AA01	BN95-06501A	85L6AU0RT	QN85Q60TAFXZA	QTQ60F-Q85TF1	QTQ60
QN85Q60TBFXZA	AA01	BN95-06501A	85L6AU0RT	QN85Q60TBFXZA	QTQ60F-Q85TF1	QTQ62
QN85Q6DTAFXZA	AA01	BN95-06501A	85L6AU0RT	QN85Q6DTAFXZA	QTQ60F-Q85TF1	QTQ6D
QN85Q70TAFXZA	AA01	BN95-06333B	85L1AU7RT	QN85Q70TAFXZA	QTQ70E-Q85TE1	QTQ70
QN85Q70TBFXZA	AA01	BN95-06333B	85L1AU7RT	QN85Q70TBFXZA	QTQ70E-Q85TE1	QTQ72
QN85Q7DTAFXZA	AA01	BN95-06333B	85L1AU7RT	QN85Q7DTAFXZA	QTQ70E-Q85TE1	QTQ7D
QN85Q80TAFXZA	AA01	BN95-06324A	85L1AU8TT	QN85Q80TAFXZA	QTQ80D-Q85TD1	QTQ80
QN85Q80TAFXZA	AC02	BN95-06324D	85L1ZU8TT	QN85Q80TAFXZA	QTQ80D-Q85TD1	QTQ80
QN85Q8DTAFXZA	AC02	BN95-06324D	85L1ZU8TT	QN85Q8DTAFXZA	QTQ80D-Q85TD1	QTQ8D
QN85Q900TSFXZA	AA01	BN95-06364A	85L1ZEZTT	QN85Q900TSFXZA	QTQ900SU-Q85TU1	QTQ900
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QN85Q950TSFXZA	AA01	BN95-06361A	85L1ZEZTT	QN85Q950TSFXZA	QTQ950SA-Q85TA1	QTQ950
UN43TU7000FXZA	CB01	BN95-06368E	43S6AUAGT	UN43TU7000FXZA	UTU7000K-U43TK1	UTU7000
UN43TU700DFXZA	CB01	BN95-06368E	43S6AUAGT	UN43TU700DFXZA	UTU7000K-U43TK1	UTU700D
UN43TU8000FXZA	BA01	BN95-06367A	43B6AU0GT	UN43TU8000FXZA	UTU8000H-U43TH1	UTU8000
UN43TU8200FXZA	BA02	BN95-06367A	43B6AU0GT	UN43TU8200FXZA	UTU8000H-U43TH1	UTU8200
UN43TU8200FXZA	BB01	BN95-06367B	43B6AU0GT	UN43TU8200FXZA	UTU8000H-U43TH1	UTU8200
UN50TU7000FXZA	DB01	BN95-06370D	50D6AUAGT	UN50TU7000FXZA	UTU7000K-U50TK1	UTU7000
UN50TU700DFXZA	DB01	BN95-06370D	50D6AUAGT	UN50TU700DFXZA	UTU7000K-U50TK1	UTU700D
UN50TU8000FXZA	YA01	BN95-06369A	50C6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU8000FXZA	AA02	BN95-06497A	50L6AU0GT	UN50TU8000FXZA	UTU8000H-U50TH1	UTU8000
UN50TU800DFXZA	YA01	BN95-06369A	50C6AU0GT	UN50TU800DFXZA	UTU8000H-U50TH1	UTU800D
UN50TU800DFXZA	AA02	BN95-06497A	50L6AU0GT	UN50TU800DFXZA	UTU8000H-U50TH1	UTU800D
UN50TU8200FXZA	YA02	BN95-06369A	50C6AU0GT	UN50TU8200FXZA	UTU8000H-U50TH1	UTU8200
UN50TU8200FXZA	YB01	BN95-06369B	50C6AU0GT	UN50TU8200FXZA	UTU8000H-U50TH1	UTU8200
UN50TU8200FXZA	AA03	BN95-06497A	50L6AU0GT	UN50TU8200FXZA	UTU8000H-U50TH1	UTU8200
UN55TU7000FXZA	FA01	BN95-06372C	55A6AUAGT	UN55TU7000FXZA	UTU7000K-U55TK1	UTU7000
UN55TU700DFXZA	FA01	BN95-06372C	55A6AUAGT	UN55TU700DFXZA	UTU7000K-U55TK1	UTU700D
UN55TU8000FXZA	CB01	BN95-06371A	55S6AU0GT	UN55TU8000FXZA	UTU8000H-U55TH1	UTU8000
UN55TU8200FXZA	CB02	BN95-06371A	55S6AU0GT	UN55TU8200FXZA	UTU8000H-U55TH1	UTU8200
UN55TU8200FXZA	CA01	BN95-06371B	55S6AU0GT	UN55TU8200FXZA	UTU8000H-U55TH1	UTU8200
UN55TU850DFXZA	AC01	BN95-06353A	55L6AU0NT	UN55TU850DFXZA	UTU8500N-U55TN1	UTU850D
UN58TU7000FXZA	YA01	BN95-06374A	58C6AUAGT	UN58TU7000FXZA	UTU7000K-U58TK1	UTU7000
UN58TU700DFXZA	YA01	BN95-06374A	58C6AUAGT	UN58TU700DFXZA	UTU7000K-U58TK1	UTU700D
UN65TU7000FXZA	FA01	BN95-06376C	65A6AUAGT	UN65TU7000FXZA	UTU7000K-U65TK1	UTU7000
UN65TU700DFXZA	FA01	BN95-06376C	65A6AUAGT	UN65TU700DFXZA	UTU7000K-U65TK1	UTU700D
UN65TU8000FXZA	BA01	BN95-06377A	65B6AU0GT	UN65TU8000FXZA	UTU8000H-U65TH1	UTU8000
UN65TU8200FXZA	BA02	BN95-06377A	65B6AU0GT	UN65TU8200FXZA	UTU8000H-U65TH1	UTU8200
UN65TU8200FXZA	BB01	BN95-06377B	65B6AU0GT	UN65TU8200FXZA	UTU8000H-U65TH1	UTU8200
UN65TU850DFXZA	BC01	BN95-06351A	65B6AU0NT	UN65TU850DFXZA	UTU8500N-U65TN1	UTU850D
UN70TU7000FXZA	YA01	BN95-06383B	70C6AUAGT	UN70TU7000FXZA	UTU7000K-U70TK1	UTU7000

<b>Model</b>	<b>Version</b>	<b>Panel P/N</b>	<b>Panel Type</b>	<b>BOM / Model</b>	<b>Front Color</b>	<b>SW Model</b>
UN70TU700DFXZA	YA01	BN95-06383B	70C6AUAGT	UN70TU700DFXZA	UTU7000K-U70TK1	UTU700D
UN75TU7000FXZA	FA01	BN95-06380C	75A6AUAGT	UN75TU7000FXZA	UTU7000K-U75TK1	UTU7000
UN75TU700DFXZA	FA01	BN95-06380C	75A6AUAGT	UN75TU700DFXZA	UTU7000K-U75TK1	UTU700D
UN75TU8000FXZA	BB01	BN95-06379A	75B6AU0GT	UN75TU8000FXZA	UTU8000H-U75TH1	UTU8000
UN75TU8200FXZA	BB02	BN95-06379A	75B6AU0GT	UN75TU8200FXZA	UTU8000H-U75TH1	UTU8200
UN75TU8200FXZA	BA01	BN95-06379B	75B6AU0GT	UN75TU8200FXZA	UTU8000H-U75TH1	UTU8200
UN82TU700DFXZA	FA01	BN95-06381F	82A6AUAGT	UN82TU700DFXZA	UTU7000K-U82TK1	UTU700D
UN85TU8000FXZA	CA01	BN95-06541A	85S6AU0GT	UN85TU8000FXZA	UTU8000H-U85TH1	UTU8000
UN85TU800DFXZA	CA01	BN95-06541A	85S6AU0GT	UN85TU800DFXZA	UTU8000H-U85TH1	UTU800D
UN85TU8200FXZA	CA01	BN95-06541A	85S6AU0GT	UN85TU8200FXZA	UTU8000H-U85TH1	UTU8200

# 1. Exploded View & Part List

## Exploded View



**Parts List**

No.	Lvl.	Loc.	Material Code	Description & Specification	SNA	Qty.
1	1		BN95-06376C	PRODUCT LCD-SDC; CY-BT065HGLV3H,UTU7000K,	SA	1
2	2		BN44-01055A	DC VSS-PD BOARD; L65S6N_TDY,AC/DC,192.5W,	SA	1
3	2	M0014	BN94-15257A	ASSY PCB MAIN; UTU7000K	SA	1
4	3		BN63-18718C	COVER-TERMINAL SIDE; 65QTQ60F,PC+ABS,V-0,	SA	1
5	2		BN96-49998C	ASSY SPEAKER P-FRONT; TV-SPK,65UTU7000,6o	SA	1
6	2		BN59-01341B	NETWORK-WLAN CLIENT; WCT734M,44.17x31.99x	SA	1
7	2	R001A	BN96-50807A	ASSY COVER P-REAR; 65UTU7000J,PC+ABS+ED20	SA	1
8	2		BN96-50858A	ASSY STAND P-COVER TOP RIGHT; 65UTU7000K,	SA	1
9	2		BN96-50857A	ASSY STAND P-COVER TOP LEFT; 65UTU7000K,P	SA	1

## 2. Electrical Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
			<b>UN65TU7000FXZA (FA01)</b>		
1		BN90-11425A	ASSY W/I;UTU7000K	1	SNA
.2		BN81-08159Z	A/S PART SET-ELEC W/I;LED TV ELEC spec-C	1	SNA
.2		BN81-17118M	A/S PART SET-MECH W/I;UTU7000K,U65TK*	1	SNA
1	S001A	BN90-11426G	ASSY STAND;UTU7000K	1	SNA
.2		BN96-50857A	ASSY STAND P-COVER TOP LEFT;65UTU7000K,P	1	SA
..3		0203-007085	TAPE-SINGLE FACE;PET,T0.05,W20,L100M,CLE	0	SNA
..3		6902-003299	BAG ACCESSORY;LDPE,T0.06,W350,L280,TRP,R	2	SNA
..3		BN63-18873A	COVER-STAND TOP LEFT;65UTU7000K,PP+GF40%	1	SNA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN96-49093C	ASSY STAND P-HOLDER CABLE;65QRQ60T,ABS,B	1	SNA
...4		6902-003068	BAG PE;LDPE,T0.05,W70,L80,TRP,RECYCLE,Ho	1	SNA
...4		BN61-16080A	HOLDER-STAND CABLE;65QRQ60T,ABS,BK0007,H	2	SNA
.2		BN96-50858A	ASSY STAND P-COVER TOP RIGHT;65UTU7000K,	1	SA
..3	RF01	BN61-13520D	FOOT-RUBBER;40K5500,RUBBER,GRAY,W5,L10,T	4	SNA
..3		BN63-18874A	COVER-STAND TOP RIGHT;65UTU7000K,PP+GF40	1	SNA
1	R001A	BN90-11427Z	ASSY COVER REAR;UTU7000K	1	SNA
.2	R001A	BN96-50807A	ASSY COVER P-REAR;65UTU7000J,PC+ABS+ED20	1	SA
..3	R001	BN63-18467A	COVER-REAR;65UTU7000J,PC+ABS+ED20%,T2.5,	1	SNA
..3		BN63-19004A	INSULATOR-SOURCE PCB;65UTU7000K,PC,BLACK	2	SNA
..3		BN64-04336A	INLAY-TERMINAL SIDE;65UTU7000K,PET,T0.12	1	SNA
..3		BN68-09772A	LABEL-QR CODE;ART,W20,L30,Adhesive	1	SNA
1	M0017	BN91-21783A	ASSY CHASSIS;UTU7000K	1	SNA
.2	M0014	BN94-15257A	ASSY PCB MAIN;UTU7000K	1	SA
..3		BN62-00898A	HEAT SINK-PS;UN65TU7000,A1050,W100,L120,	1	SNA
..3		BN63-18718C	COVER-TERMINAL SIDE;65QTQ60F,PC+ABS,V-0,	1	SA
..3		BN97-16648C	ASSY SMD;UTU7000K	1	SNA
...4		0202-001976	SOLDER-CREAM;LST-309M-K21,D20~38um,96.5S	3	SNA
...4	DS01A	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	SA
...4		0403-001779	DIODE-ZENER;MMSZ5234BT1G,5.89~6.51V,500m	1	SA
...4		0403-001783	DIODE-ZENER;BZB84-C6V2,5.8~6.6V,300mW,SO	2	SNA
...4		0403-001785	DIODE-ZENER;NZH5V1B,4.94~5.2V,500mW,SOD-	3	SA
...4		0403-002014	DIODE-ZENER;KDZ16B,16.2~18.3V,1000mW,SOD	1	SNA
...4		0404-001404	DIODE-SCHOTTKY;BAT721C,40V,200mA,SOT-23,	2	SA
...4		0404-001640	DIODE-SCHOTTKY;SS1060HEWS,60V,1000mA,SOD	2	SA
...4		0404-001953	DIODE-SCHOTTKY;MBRA340F-HAF,40V,3000mA,S	3	SA
...4		0404-001976	DIODE-SCHOTTKY;SV540,40V,5000mA,TO-277,T	1	SA
...4		0406-001200	DIODE-TVS;RClamp0504F,6V,1MAV,TP	4	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		0406-001635	DIODE-TVS;SMF5.0A,6.4V,6.7V,7V,200MAV,20	1	SA
...4		0406-001718	DIODE-TVS;SMF36A,40V,44.2V,3.8MAV,1.25VP	1	SA
...4		0406-001778	DIODE-TVS;PUSB3FR4,6V,9V,0.2MAV,0.7VPA,0	1	SA
...4		0406-001786	DIODE-TVS;PJEC5V0V6TM,5V,7V,8V,0.1MAV,9V	1	SA
...4		0406-001820	DIODE-TVS;AZ1023-04F,4.5V,6V,7.5V,0.5MAV	4	SA
...4		0501-000445	TR-SMALL SIGNAL;KTC3875S-Y,NPN,150mW,SOT	5	SC
...4		0505-001089	FET-SILICON;AO3409L,P,-30V,-2.6A,0.097/0	2	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	SA
...4		0505-002893	FET-SILICON;AO4801AS,P,30V,-5A,2W,SOIC-8	1	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,	4	SA
...4		0505-003507	FET-SILICON;AO3424,N,30V,3.8A,1.4W,SOT-2	1	SA
...4		0505-003752	FET-SILICON;PJL9409,P,30V,50A,0.035ohm,3	1	SNA
...4		1001-001545	IC-ANALOG MULTIPLEX;TS3USB221ERSER,R-PQF	1	SA
...4		1103-001564	IC-EEPROM;S-24C512CI-J800,512Kbit,x8,SOP	1	SA
...4		1105-002853	IC-DDR3 SDRAM;K4B4G1646E-BCNB,DDR3 2133,	2	SA
...4		1105-002996	IC-DDR3 SDRAM;K4B2G1646F-BCNB,DDR3,2Gbit	2	SA
...4		1201-004117	IC-AUDIO AMP;TAS5749M,QFP,48P,7x7x1mm,DU	1	SA
...4		1201-004258	IC-OP AMP;TLV9062,SOT23-8,TP,8P,DUAL,PLA	1	SA
...4		1203-008777	IC-DC/DC CONVERTER;TPS563201,SOT-23,6,1.	2	SA
...4		1203-009067	IC-DC/DC CONVERTER;TPS564201,SOT-23,6P,3	1	SA
...4		1203-009186	IC-POS. ADJUST REG.;TLV759P01PDRVR,TP,6P	3	SA
...4		1203-009188	IC-VOL. DETECTOR;G623F11U,TP,8P,4.9x6x1.	1	SA
...4		1203-009371	IC-DC/DC CONVERTER;VPMS2GMB,QFN,72P,8x8x	1	SA
...4		1203-009377	IC-DC/DC CONVERTER;TPS56C230,VQFN,20P,3x	1	SA
...4		1204-003797	IC-DECODER;SDP19405,HSBGA,754P,27x27x2.1	1	SA
...4		1205-004692	IC-SWITCH;TPS2069CDBVR,SOT-23,5P,2.9x2.8	1	SA
...4		1404-001731	THERMISTOR-NTC;33Kohm,4050K,1MWC,TP,1.6x	1	SNA
...4		1405-001271	VARISTOR;35V,20VDC,5A,1005,TP,100V,10pF	12	SA
...4		1405-001381	VARISTOR;11V,8VDC,30A,1608,TP,25V,500pF	4	SA
...4		1405-001382	VARISTOR;24.5V,16VDC,120A,2012,TP,42V,40	2	SA
...4		1405-001452	VARISTOR;15V,12VDC,8A,1608,TP,46V,18pF	4	SA
...4		2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	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,T0.45	17	SA
...4		2007-000137	R-CHIP;2Kohm,5%,1/16W,TP,1005	8	SNA
...4		2007-000138	R-CHIP;100ohm,5%,1/16W,TP,1005,T0.35	13	SA



Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-000140	R-CHIP;1Kohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000141	R-CHIP;2.2Kohm,5%,1/16W,TP,1005,T0.35	1	SA
...4		2007-000143	R-CHIP;4.7Kohm,5%,1/16W,TP,1005,T0.35	38	SA
...4		2007-000171	R-CHIP;0ohm,5%,1/16W,TP,1005,T0.35	39	SA
...4		2007-000173	R-CHIP;22ohm,5%,1/16W,TP,1005,T0.35	2	SA
...4		2007-000343	R-CHIP;120ohm,1%,1/10W,TP,1608	1	SNA
...4		2007-000475	R-CHIP;1Mohm,1%,1/10W,TP,1608	1	SA
...4		2007-000637	R-CHIP;270Kohm,5%,1/10W,TP,1608	1	SNA
...4		2007-000772	R-CHIP;33Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000879	R-CHIP;4.7ohm,1%,1/10W,TP,1608	4	SA
...4		2007-000932	R-CHIP;470ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001125	R-CHIP;68Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-001288	R-CHIP;18ohm,5%,1/16W,TP,1005,T0.35	4	SA
...4		2007-001292	R-CHIP;33ohm,5%,1/16W,TP,1005,T0.35	9	SA
...4		2007-001298	R-CHIP;51ohm,5%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-002437	R-CHIP;2ohm,5%,1/10W,TP,1608	1	SNA
...4		2007-002899	R-CHIP;10ohm,1%,1/10W,TP,1608	17	SA
...4		2007-002906	R-CHIP;200Kohm,1%,1/10W,TP,1608	1	SA
...4		2007-003010	R-CHIP;20ohm,5%,1/16W,TP,1005	4	SA
...4		2007-007107	R-CHIP;100Kohm,1%,1/16W,TP,1005,T0.35,-	12	SNA
...4		2007-007131	R-CHIP;13Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007132	R-CHIP;15Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007136	R-CHIP;4.7Kohm,1%,1/16W,TP,1005,T0.35	7	SNA
...4		2007-007137	R-CHIP;1.2Kohm,1%,1/16W,TP,1005,T0.35	8	SA
...4		2007-007138	R-CHIP;27Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007139	R-CHIP;47Kohm,1%,1/16W,TP,1005,T0.35	7	SA
...4		2007-007142	R-CHIP;10Kohm,1%,1/16W,TP,1005,T0.35	39	SA
...4		2007-007305	R-CHIP;120ohm,1%,1/16W,TP,1005	4	SNA
...4		2007-007306	R-CHIP;100ohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007308	R-CHIP;33Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007309	R-CHIP;12Kohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-007311	R-CHIP;22Kohm,1%,1/16W,TP,1005,T0.35	3	SA
...4		2007-007312	R-CHIP;20Kohm,1%,1/16W,TP,1005,T0.35	10	SA
...4		2007-007313	R-CHIP;6.8Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007316	R-CHIP;3.3Kohm,1%,1/16W,TP,1005,T0.35	2	SNA
...4		2007-007318	R-CHIP;1Kohm,1%,1/16W,TP,1005,T0.35	29	SA
...4		2007-007517	R-CHIP;240ohm,1%,1/16W,TP,1005,T0.35	5	SNA
...4		2007-007520	R-CHIP;20ohm,1%,1/10W,TP,1608	1	SA

## Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4		2007-007528	R-CHIP;1.5Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007671	R-CHIP;11Kohm,1%,1/16W,TP,1005,T0.35	1	SA
...4		2007-007698	R-CHIP;5.1Kohm,1%,1/16W,TP,1005,T0.35	2	SA
...4		2007-007798	R-CHIP;10ohm,1%,1/16W,TP,1005,T0.35	6	SA
...4		2007-008596	R-CHIP;0.1ohm,1%,1/4W,TP,3216	3	SC
...4		2007-008672	R-CHIP;47ohm,1%,1/16W,TP,1005,T0.35	1	SNA
...4		2007-009322	R-CHIP;1.3Kohm,1%,1/16W,TP,1005	1	SA
...4		2011-001262	R-NETWORK;22ohm,5%,1/16W,L,CHIP,8P,TP,2.	1	SA
...4		2011-001264	R-NETWORK;10ohm,5%,1/16W,L,CHIP,8P,TP,2.	3	SNA
...4		2011-001344	R-NETWORK;100ohm,5%,1/16W,L,CHIP,8P,TP,2	3	SA
...4		2011-001396	R-NETWORK;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,	1	SNA
...4		2011-001448	R-NETWORK;10ohm,5%,1/16W,L,4P,TP,1.0x1.0	6	SA
...4	AD480	2203-000233	C-CER,CHIP;0.1nF,5%,50V,C0G,TP,1005,T0.5	4	SA
...4	AD480	2203-000278	C-CER,CHIP;0.01nF,0.5pF,50V,C0G,TP,1005	1	SA
...4	AD480	2203-000359	C-CER,CHIP;0.15nF,5%,50V,C0G,TP,1005,T0.	4	SA
...4	AD480	2203-000438	C-CER,CHIP;1nF,10%,50V,X7R,TP,1005,T0.5	6	SA
...4	AD480	2203-000489	C-CER,CHIP;2.2nF,10%,50V,X7R,TP,1005,T0.	2	SA
...4	AD480	2203-000585	C-CER,CHIP;0.22nF,10%,50V,X7R,TP,1005,T0	2	SA
...4	AD480	2203-000627	C-CER,CHIP;0.022nF,5%,50V,C0G,TP,1005	2	SNA
...4	AD480	2203-000679	C-CER,CHIP;0.027nF,5%,50V,C0G,TP,1005	2	SA
...4	AD480	2203-000940	C-CER,CHIP;0.47nF,10%,50V,X7R,TP,1005,T0	1	SA
...4	AD480	2203-001153	C-CER,CHIP;0.068nF,5%,50V,C0G,TP,1005,T0	1	SA
...4	AD480	2203-002285	C-CER,CHIP;10nF,10%,50V,X7R,TP,1005	9	SNA
...4	AD480	2203-005083	C-CER,CHIP;220nF,10%,50V,X7R,TP,1608,T0.	6	SA
...4	AD480	2203-005968	C-CER,CHIP;4.7nF,10%,50V,X7R,TP,1005,T0.	2	SNA
...4	AD480	2203-006048	C-CER,CHIP;100nF,10%,10V,X7R,TP,1005,T0.	52	SA
...4	AD480	2203-006126	C-CER,CHIP;47nF,10%,16V,X7R,TP,1005,T0.5	7	SNA
...4	AD480	2203-006562	C-CER,CHIP;1000nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-006698	C-CER,CHIP;1000nF,10%,25V,X7R,TP,1608,T0	5	SA
...4	AD480	2203-006838	C-CER,CHIP;2200nF,10%,6.3V,X5R,TP,1005,T	4	SA
...4	AD480	2203-006841	C-CER,CHIP;1000nF,10%,16V,X5R,TP,1005,T0	16	SNA
...4	AD480	2203-006844	C-CER,CHIP;470nF,10%,10V,X5R,TP,1005	1	SA
...4	AD480	2203-007176	C-CER,CHIP;10000nF,10%,16V,X5R,TP,2012,T	12	SNA
...4	AD480	2203-007240	C-CER,CHIP;22000nF,20%,6.3V,X5R,TP,1608,	34	SA
...4	AD480	2203-007269	C-CER,CHIP;22000nF,20%,10V,X5R,TP,2012(2	6	SA
...4	AD480	2203-007271	C-CER,CHIP;2200nF,10%,10V,X5R,TP,1005,T0	5	SNA
...4	AD480	2203-007306	C-CER,CHIP;10000nF,10%,25V,X5R,TP,2012,T	21	SNA
...4	AD480	2203-007393	C-CER,CHIP;4700nF,10%,10V,X5R,TP,1005,T0	2	SNA
...4	AD480	2203-007423	C-CER,CHIP;10000nF,10%,35V,X7R,TP,3216	4	SA
...4	AD480	2203-007544	C-CER,CHIP;100nF,10%,50V,X7R,TP,1005,T0.	16	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
...4	AD480	2203-007795	C-CER,CHIP;10000nF,20%,10V,X5R,TP,1005,T	24	SA
...4	AD480	2203-008096	C-CER,CHIP;2200nF,10%,50V,X5R,TP,2012,1.	1	SA
...4	AD480	2203-008315	C-CER,CHIP;22000nF,20%,25V,X5R,TP,2012,T	8	SA
...4	AD480	2203-008412	C-CER,CHIP;4700nF,10%,50V,X5R,TP,2012,T1	1	SNA
...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	SA
...4		2703-000213	INDUCTOR-SMD;470nH,10%,1608,T0.8,1.35Ohm	1	SA
...4		2703-002269	INDUCTOR-SMD;56nH,5%,1005,T0.5,1Ohm,200m	3	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	4	SA
...4		2703-004724	INDUCTOR-SMD;8.2uH,20%,5050,T4,0.072Ohm,	4	SA
...4		2703-005193	INDUCTOR-SMD;2.2uH,20%,6060,T4.5,0.024Oh	3	SA
...4		2703-005376	INDUCTOR-SMD;10uH,20%,10.7x10mm,T3.8,0.0	1	SA
...4		2703-005715	INDUCTOR-SMD;820nH,20%,11x10mm,T3.8,0.00	1	SNA
...4		2703-005780	INDUCTOR-SMD;10uH,20%,2012,T1.25,0.91Ohm	2	SNA
...4		2801-003773	CRYSTAL-SMD;12MHz,30ppm,28-AAN,20pF,50Oh	1	SA
...4		3301-001364	BEAD-SMD;1000ohm/100Mhz 1000ohm/100Mhz,1	4	SNA
...4		3301-002039	BEAD-SMD;26ohm/100Mhz 26ohm/100Mhz,1.6x0	17	SA
...4		3601-001374	FUSE-SURFACE MOUNT;32V,5A,FAST-ACTING,PL	3	SA
...4		3701-001967	CONNECTOR-HDMI;19P,A,FEMALE,AU,0.5mm,BLK	2	SA
...4		3707-001123	CONNECTOR-OPTICAL;ANGLE,SPDIF,2.5PI	1	SA
...4		3708-003241	CONNECTOR-FPC/FFC/PIC;96P,0.5mm,SMD-A,AU	2	SNA
...4	EH01	3711-008098	HEADER-BOARD TO CABLE;BOX,20P,1R,1.25mm,	1	SNA
...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		3711-009106	CONNECTOR-HEADER;BOX,20P,2R,2mm,ANGLE,SN	1	SA
...4		3722-003229	JACK-MODULAR;8P/8C,Y,STRAIGHT,NONE,AU,1P	1	SA
...4		3722-003457	JACK-USB;4P/1C,NI,BLK,ANGLE,A,2.0,13.1x1	1	SA
...4		6302-001376	GASKET-SMD;SMT Gasket,Si,T6,W4.5,L2.5,SI	5	SNA
...4		BN40-00329B	TUNER-DTV AIR CABLE;GVTH-7A21,VSB Half,4	1	SA
...4		BN41-02751A	PCB-MAIN;TU7000,FR-4,4L,T1.2,1,193x168mm	1	SNA
...4	CB07	BN61-13312B	BRACKET-SCREWLESS PCB;55KS8000,SK5,T0.3,	4	SNA
...4		BN68-04746A	LABEL ETC;ALL,PET,W25.4,L9.53,polyester,	1	SNA
...4		BN97-16718A	ASSY MICOM;TCON F/W,KANT-SU2 Built-in,11	1	SNA
....5		1107-002689	IC-NOR FLASH;EN25Q80C-104HIP2A,8Mbit,SOP	1	SNA
....5		BN46-01223A	S/W MICOM;KANT-SU2 Built-in,TCON F/W	1	SNA
...4		BN97-16719A	ASSY MICOM;KU2MICOM_INTV,UTU7000K,1107-0	1	SNA
....5		1107-002690	IC-NOR FLASH;EN25Q40B-104HIP2X,4Mbit,SOP	1	SNA
...4		BN97-16720A	ASSY MICOM;T-KTSU2AKUC,ASSY MICOM_MAIN,U	1	SNA
....5		1107-002623	IC-EMMC;KLM4G1FETE-B041,4Gbyte,BGA,153P,	1	SA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
....5		BN46-01245A	S/W MICOM;Factory_PEQ Kant-SU2,Kant-SU2,	1	SNA
....5		BN46-01246A	S/W MICOM;T-KTSU2AKUC,KLM4G1FETE,Kant-SU	1	SNA
..3		BN97-16731A	ASSY MICOM;65A6AUAGT,65 SDC TU7	1	SNA
...4		BN46-01191A	S/W MICOM;65A6AUAGT,KANT-SU2 Built-in,TU	1	SNA
..3		BN97-16776A	ASSY DRM;KANT-SU2 Built-in,ATSC,Nagsam,	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		BN46-01152A	KEY CODE;KANT-SU2,Nagra CSC Data,T-KTSU2	1	SNA
1		BN91-21784G	ASSY SHIELD;UTU7000K	1	SNA
.2		BN02-00102K	TAPE-SINGLE FACE;FILAMENT,T0.15,W25,ROLL	0	SNA
.2		BN39-02601A	LEAD CONNECTOR-SUB ASSY;UL21451,20P,L475	1	SA
.2		BN39-02604A	LEAD CONNECTOR-POWER;UL21016,12P,L700,BL	1	SA
.2		BN44-01055A	DC VSS-PD BOARD;L65S6N_TDY,AC/DC,192.5W,	1	SA
.2		BN59-01341B	NETWORK-WLAN CLIENT;WCT734M,44.17x31.99x	1	SA
.2		BN96-39820H	FFC CABLE;65/75NU8000,Fold,L500,96P,-	1	SA
.2		BN96-39903C	FFC CABLE;65/75NU8000,Fold,L650,96P,-	1	SA
.2		BN96-49998C	ASSY SPEAKER P-FRONT;TV-SPK,65UTU7000,6o	1	SA
1		BN92-27084S	ASSY LABEL;UTU7000K	1	SNA
.2		BN68-06708G	LABEL-RATING;Monitor,WW,PP,T0.161,W93,L7	1	SNA
.2		BN68-10252A	LABEL-ENERGY;UN65TU7000FXZA,ZA,PET,T0.1,	1	SNA
.2		BN68-10303A	LEAFLET-QUICK SETUP GUIDE;UTU7000K,ZA,NO	1	SNA
.2		BN74-00053G	TAPE-SINGLE FACE;PAPER,3M2307,T0.14,W10,	0	SNA
1		BN92-27086G	ASSY P/MATERIAL;UTU7000K	1	SNA
.2		6902-003269	BAG ROLL;HDPE/PE FOAM,T0.015/T0.5,W1700,	2	SNA
.2		6922-000001	BAND;PP,T0.8,W18,YEL	1	SNA
.2		6922-000013	BAND;PP,T0.8,W18,L2300 M,TRP	5	SNA
.2		BH69-00418A	WRAP;762,1828M,SAMEX FACTORY	3114	SNA
.2		BN02-00319B	TAPE-SINGLE FACE;OPP,T0.05,W75,L800M,CLE	2	SNA
.2		BN68-02422B	LABEL WARNING;ALL,ART,T0.05,W240,L100,Wh	0	SNA
.2		BN69-17053Q	PACKING ANGLE;ALL,PAPER,T3,W1800,L50,YEL	1	SNA
.2		BN69-20259A	CUSHION-SET FRONT;65UTU7000J,EPS,16.7g/l	1	SNA
.2		BN69-20260A	CUSHION-SET SIDE;65UTU7000J,EPS,16.7g/l,	2	SNA
.2		BN96-49857A	ASSY PACKING P-CUSHION SET;Y19	1	SNA
..3		BN69-20258A	CUSHION-SET;65UTU7000J,EPS,16.7g/l,WHITE	1	SNA
..3		BN69-20587A	BOX UNIT-IN;65UTU8000H,CB,DW1,C1,L1920,W	1	SNA
.2		BN96-50874E	ASSY PACKING P-PAD;65UTU8000,PET,WITH WA	2	SNA
..3		BN68-09932A	LABEL WARNING;ALL MODEL,ART,W40,L74,90g,	2	SNA
..3		BN69-20641E	PAD-SHEET;65UTU8000H,PET,T3.5,W50,L810,W	2	SNA
1	ACCE1	BN92-27087D	ASSY ACCESSORY;UTU7000K	1	SNA
.2		BN96-50802E	ASSY ACCESSORY MANUAL CABLE;UN43/50/55/5	1	SNA

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
..3	T0268	3903-001117	POWER CORD-DT;USA,2P-F,125V,7A,BLK,L1500	1	SA
..3		4301-000103	BATTERY-ALKALINE;1.5V,750mAh,LR03,10.2x4	2	SNA
..3		6902-001962	BAG PE;LDPE,BIOBASED,T0.05,W400,L300,TRP	1	SNA
..3		BN59-01315J	REMOCON-TV;2020 TV,SAMSUNG,44KEY,3V,USA(	1	SA
..3	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	4	SNA
..3		BN68-08792C	LEAFLET;2020 TV-Accessibility,ZA,USA,ART	1	SNA
..3		BN68-09371A	LEAFLET-REGULATORY GUIDE;QT/UT,W/W,MOJO,	1	SNA
..3		BN68-10301A	LEAFLET-ACCESSORY KIT;TU7000F,ZA & ZC & ZX,N	1	SNA
..3		BN68-10302A	MANUAL USERS;TU7000F,ZA,NORTH AMERICA,MO	1	SNA
..3		BN68-10628A	LEAFLET-WARRANTY;QT/UT,ZA,MOJO,1 COLOR,1	1	SNA
1		BN92-27179C	ASSY BOX;UTU7000K	1	SNA
.2		BH68-00697A	LABEL BOX;ALL,ART,W60,L100,WHT,NO SILK,9	1	SNA
.2		BN69-20948A	BOX UNIT-OUT;65UTU7000K,CB,DW4,F3,L1591,	1	SNA
1		BN95-06376C	PRODUCT LCD-SDC;CY-BT065HGLV3H,UTU7000K,	1	SA
.2	M0131	BN63-00520A	GASKET-EMI;APPOLO_PAL,FABRIC,T0.13,W10,L	2	SNA
.2		BN68-05595A	LABEL ETC;UF6P,ART,T0.08,W80,L23,WHITE,W	1	SNA
.2		BN90-11350A	ASSY BACK LIGHT UNIT;65UTU7000K	1	SNA
..3		BN61-16882A	DIFFUSER PLATE;20Y_TU7000_65INCH_DP,PS,T	1	SNA
..3		BN61-17101A	OPTICAL SHEET-COMPLEX;20Y_65INCH_TU7000_	1	SNA
..3		BN96-50452A	ASSY CHASSIS REAR P;65UTU7000K,EGI-SECC,	1	SNA
..4		BN02-00102B	TAPE-SINGLE FACE;OPP,T0.15,W25,L50M,WHIT	0	SNA
..4		BN02-00352B	TAPE-SINGLE FACE;PET,T0.05,W30,L50M,BLAC	0	SNA
..4		BN02-00586C	TAPE DOUBLE FACE;TU7000,ACRYL,T0.3,W3,L1	6	SNA
..4		BN39-02547A	LEAD CONNECTOR-BLU;65TU8000,UL21016,12P,	1	SNA
..4		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..4	CB20	BN61-11982B	BRACKET-WALL;65MU8000,CR-SPCC,NATURAL,M8	4	SNA
..4		BN61-13557K	BRACKET-WIRE;55KS7000,SW-C,T1,SILVER,ZIN	2	SNA
..4		BN61-13557P	BRACKET-WIRE;75QNQ8CB,SW-C,T1,SILVER,L66	7	SNA
..4		BN61-13557Q	BRACKET-WIRE;55KS7000,SW-C,T1,SILVER,L62	2	SNA
..4		BN61-16648B	HOLDER-SOURCE PCB;65UTU7000K,PC,T1,BLACK	8	SNA
..4		BN61-16687A	FRAME-MIDDLE TOP;65UTU7000K,PC+GF10%,V-2	1	SNA
..4		BN61-16688A	FRAME-MIDDLE BOTTOM;65UTU7000K,PC+GF10%,	1	SNA
..4		BN61-16689A	FRAME-MIDDLE LEFT RIGHT;65UTU7000K,PC+GF	2	SNA
..4		BN61-16805A	STUD-PEM;65UTU7000K,SUM24L,L10	8	SNA
..4		BN61-16883A	OPTICAL SHEET-REFLECTOR;20Y_TU7000_65INC	1	SNA
..4		BN61-16985A	SUPPORT-PLATE;65TU8000,PC,V-2,CLEAR	12	SNA
..4		BN63-18832A	INSULATOR-SMPS;65TU7000,PC,BLACK,L207,W2	1	SNA
..4	CC04	BN64-04253A	CHASSIS-REAR;65UTU7000K,EGI-SECC,-,T0.8,	1	SNA
..4	T0527	BN68-00513A	LABEL-E PASS;ALL MODEL,WW,YUPO,W50,L15,W	1	SNA
..4		BN96-50313A	ASSY LED BAR P;20Y 65TU8000,ALUMINUM,Lef	5	SNA

Exploded Views and Parts List

Level	Loc.	Part Code	Description & Specification	Qty.	SA/SNA
..4		BN96-50314A	ASSY LED BAR P;20Y 65TU8000,ALUMINUM,Rig	5	SNA
.2		BN96-50256A	ASSY OPEN CELL;SDC,65Inch,Y20 New,LSF650	1	SNA
..3		BN81-15714A	A/S OPEN CELL-ADHESIVE-A.C.F;LSM490YP01-	1	SNA
..3		BN81-17380A	A/S-ADHESIVE-A.C.F;ADHESIVE-A.C.F,0201-0	1	SNA
..3		BN81-18787A	A/S-POLARIZER C/F;POLARIZER C/F,LJ01-122	1	SNA
..3		BN81-18845A	A/S-IC DRIVER SOURCE;IC DRIVER SOURCE,LJ	1	SNA
..3		BN81-18846A	A/S-POLARIZER TFT;POLARIZER TFT,LJ01-115	1	SNA
..3		BN81-18847A	A/S-ASSY PCB-SOURCE(F-L);ASSY PCB-SOURCE	1	SNA
..3		BN81-18848A	A/S-ASSY PCB-SOURCE(F-R);ASSY PCB-SOURCE	1	SNA
..3		BN81-18849A	A/S-ASSY PCB-SOURCE(B-L);ASSY PCB-SOURCE	1	SNA
..3		BN81-18850A	A/S-ASSY PCB-SOURCE(B-R);ASSY PCB-SOURCE	1	SNA
.2		BN96-50449A	ASSY COVER P-DECORATION;65UTU7000K,PC+AB	1	SNA
..3		BN60-01655A	SPACER-CONDUCTIVE;CONDUCTIVE FABRIC/PU F	1	SNA
..3		BN60-01661A	SPACER-FABRIC;CONDUCTIVE FABRIC,L20,GRAY	2	SNA
..3		BN63-17418D	SHEET-PROTECTION COVER;Q7F,PO,T0.05,W8,L	0	SNA
..3		BN63-17418L	SHEET-PROTECTION COVER;Q60,PO,T0.05,W28,	1	SNA
..3	FD01	BN63-18474A	COVER-DECORATION;65UTU7000K,PC+ABS+MD18%	1	SNA
.2		BN96-50451A	ASSY CHASSIS FRONT P;65UTU7000K,PC+ABS+M	1	SNA
..3		0204-006855	ETHANOL;CS-E-14,gravity 0.8,density 1.59	1	SNA
..3		BN02-00611A	TAPE-DOUBLE FACE;PU FOAM,T0.5,W3.2,N/A,B	3	SNA
..3		BN60-01450G	SPACER-PET;65UTU8000H,PET,L1000,CLEAR,T0	3	SNA
..3		BN63-17418G	SHEET-PROTECTION COVER;HW-NW700,PO,T0.05	3	SNA
..3	AC155	BN64-04255A	CHASSIS-FRONT;65UTU7000K,PC+ABS+MD18%,V-	1	SNA