

Training Manual

For LED TV D5500/5000 Series

UED55**RW**

[32,37,40,46]

UED57**RS**

[32,37,40,46]

UED50**PW**

[32,37,40,46]

Contents






- I . Concept
- II . Specification
- III . Front/Rear View
- IV . Layout
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- VI . Key Feature

“EXPAND the FHD TV by ToC and DLNA”

- Full HD 50/60Hz
- Experience : Internet@TV(only 5500) & DLNA(All-share)
- Stylish : New concept ToC Design & Narrow Bezel

I . Product Concept



Series	2010		2011	
	Key Feature	Inch	Key Feature	Inch
5	<ul style="list-style-type: none"> FHD U/Clear 4HDMI, DLNA 5000↑ 	 3 2 3 7 4 0 4 6	<ul style="list-style-type: none"> FHD U/Clear 4HDMI, DLNA 5000↑ Internet@TV (5500) 	 3 2 3 7 4 0 4 6  3 2 3 7 4 0 4 6
4	<ul style="list-style-type: none"> HD ToC USB2.0 Movie Ultra Slim 	 1 9 2 7 2 6 3 7	<ul style="list-style-type: none"> HD (22", 27" FHD) ToC USB2.0 Movie 2HDMI 	 1 9 2 7 2 7 3 7 (32" 4 HDMI)

II. Specification



D55XX/D57XX						
Input & Output	Audio Out (Mini Jack)	No	Dimension	32" : 768.0*29.9*468.2		
	Component In (Y/Pb/Pr)	1		37" : 890.6*29.9*537.4		
	Composite In (AV)	1 (Common use for Component Y)		Set Size without Stand (WxDxH, mm)	40" : 955.8*29.9*574.0	
	Digital Audio Out (Optical)	1			46" : 1091.8*29.9*650.4	
	DVI Audio In (Mini Jack)	1 (Common Use for PC Audio in)			32" : 768.0*240.0*532.1	
	Ethernet (LAN)	1		Set Size with Stand (WxDxH, mm)	37" : 890.6*255.0*602.1	
	Headphone	1			40" : 955.8*255.0*638.5	
	HDMI	4			46" : 1091.8*275.0*714.8	
	PC Audio In (Mini Jack)	1		Package Size (WxDxH, mm)	32" : 984*120*560	
	PC In (D-sub)	1			37" : 1115*120*638	
	RF In (Terrestrial/Cable input)	1			40" : 1185*120*681	
	RF In (Satellite input)	No			46" : 1355*140*779	
	RS232C (AV CONTROL)	No		Weight	Set Weight without Stand (kg)	7.46 / 9.22 / 11.08 / 13.74
	USB : Side only	2			Set Weight with Stand (kg)	10.2 / 12.5 / 14.36 / 17.3
CI Slot	1	Package Weight (kg)				
Scart	1	Accessory	3D Glasses (Bundle)		No	
Design	Bezel Type		Normal	2nd TV , Touch Duo (Bundle)	No	
	Concept / Type (ToC or High Glossy)		ToC	Wireless Charging Plate , Energy Mat (Bundle)	No	
	Front Color		TBD	Remote Controller Model	TM1050	
	Light Effect (Deco)		No	Batteries (for Remote Control)	Yes	
	Stand Type		Square	Ultra Slim Wall Mount Support	Yes	
	Swivel (Left/Right)		Yes	Vesa Wall Mount Support	Yes	
Eco	Eco Mark	Eco Flower	Slim Gender Cable	1 Component (AV share), 1 Scart, 1 CI Slot		
	Eco Sensor	Yes	ANT- Cable	No		
Power	Power Supply	AC220-240V 50/60Hz	Power Cable	Yes		
	Power Consumption (Max.)	80W / 90W / 100W / 150W	Instruction Book	No		
	Power Consumption (Energy-saving mode)	TBD	E-manual & Quick Guide	Yes		
	Power Consumption (Stand-by)	Under 0.3W	Install CD	No		
	Power Consumption (IEC 62087 Edition 2)	TBD				
	Peak Luminance Ratio	TBD				

II. Specification



D50XX			
Product	Product (LED,LCD,PDP)	LED	Feature
Series	Series	5	WiFi Adaptor Support
Display	Ultra Clear Panel	Yes	EPG
Video	Screen Size	32,37,40,46	Teletext (TTXT)
	Resolution	1920x1080	OSD Language
	Picture Engine	HyperReal Engine	User Interface
	Clear Motion Rate	TBD	Digital Noise Filter
	Dynamic Contrast Ratio	High Contrast	BD Wise
	Precision Dimming	No	InstaPort S
	Wide Color Enhancer Plus	Wide Color Enhancer Plus	Room EQ , Auto Sound Calibration (ASC)
	100/200Hz Motion Plus	No(50Hz)	Anynet+ (HDMI-CEC)
Audio	Dolby	Dolby Digital + / Dolby +	Auto Channel Search
	SRS	SRS TheaterSound HD	Auto Power Off
	dts 2.0 + Digital Out	Yes	Auto Volume Leveler
	Sound Output (RMS)	10WX2	Caption (Subtitle)
	Speaker Type	Down Firing + Full Range	Clock & On/Off Timer
	Woofer	No	Game Mode
Feature	Samsung 3D	No	Picture-In-Picture
	3D Sound (TV)	No	Sleep Timer
	Internet@TV	No	Still Picture
	Skype™ on Samsung TV	No	Channel List USB-Clone
	Remote Control App Support	Yes	System
	Extended PVR	No	DTV Reception (DVB-T/T2/C/S2)
	Time Shift	No	DTV Tuner Built-in
	Allshare (Powered by DLNA)	Yes	CI/ CI+
	ConnectShare™ (USB2.0)	Movie	MHP / MHEG (version)
	RUI	No	
	WiFi Built-in	No	

II. Specification





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	Power Consumption (IEC 62087 Edition 2)	TBD				
	Peak Luminance Ratio	TBD				

II. Specification



Spec. Comparison

Model		UC5	UD5P / UD5R
Design			
Set	Size(with stand)	30.9 x 9.4 x 21.6 inches (32") 35.7 x 10.0 x 24.4 inches (37") 38.3 x 10.0 x 24.4 inches (40") 43.6 x 10.8 x 28.8 inches (46")	30.2 x 9.4 x 20.9 inches (32") 35.1 x 10.0 x 23.7 inches (37") 37.6 x 10.0 x 25.1 inches (40") 43.0 x 10.8 x 28.1 inches (46")
Panel	Size	Diagonal 32"/37"/40"/46"	Diagonal 32"/37"/40"/46"
	Resolution	1920 x 1080	1920 x 1080
	Hz	50/60	50/60
	Viewing angle	H : 178 V : 178	H : 178 V : 178
Color System		PAL	PAL
Tuner		1	1
Function	Contrast (cd/m ²)	450	300
	CR (Dynamic)	High Contrast	High Contrast
	Enhancer	HyperReal Engine	HyperReal Engine
Back light unit		LED	LED
Additional Function		Media Play	Media Play
		AllShare	AllShare
		Internet TV (UD5R only)	
Power Consumption		110W/120W/130W/130W	80W/90W/100W/150W

III. Front/Rear View



Viewing Front



Speakers

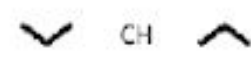
Samsung Logo : Not light up

Menu Key
Remote Control Sensor
Power Indicator
Eco Sensor

Touch Key : Not light up

SOURCE
[Source icon]

MENU



III. Front/Rear View

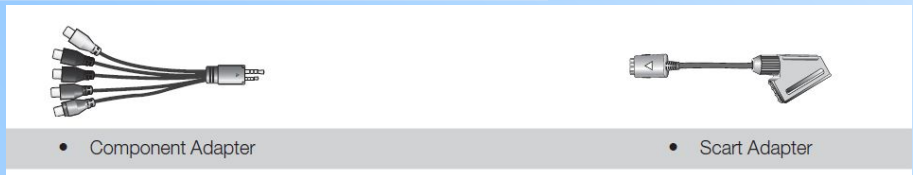


Rear

- BN68-03298B-00
- USB 2
- DIGITAL AUDIO OUT (OPTICAL)
- USB 1 (HDD)
- HDMI IN
- 4
- 3
- 2
- 1 (DVI)

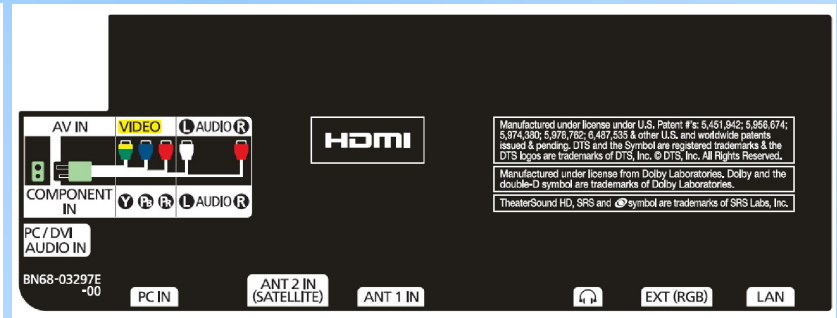


※ Adaptors are used to connect each inputs



5000/5500

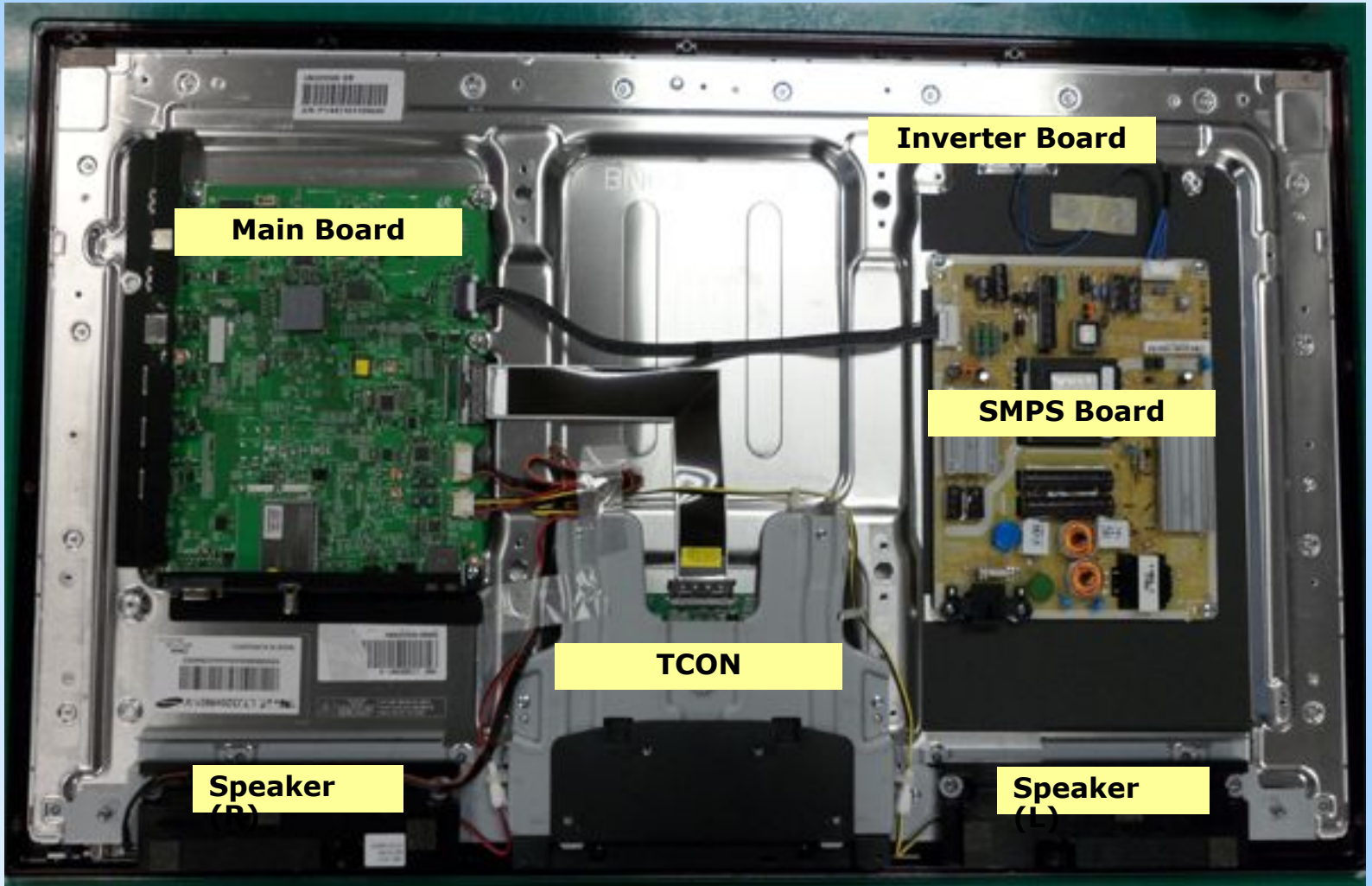
5700



IV. Layout



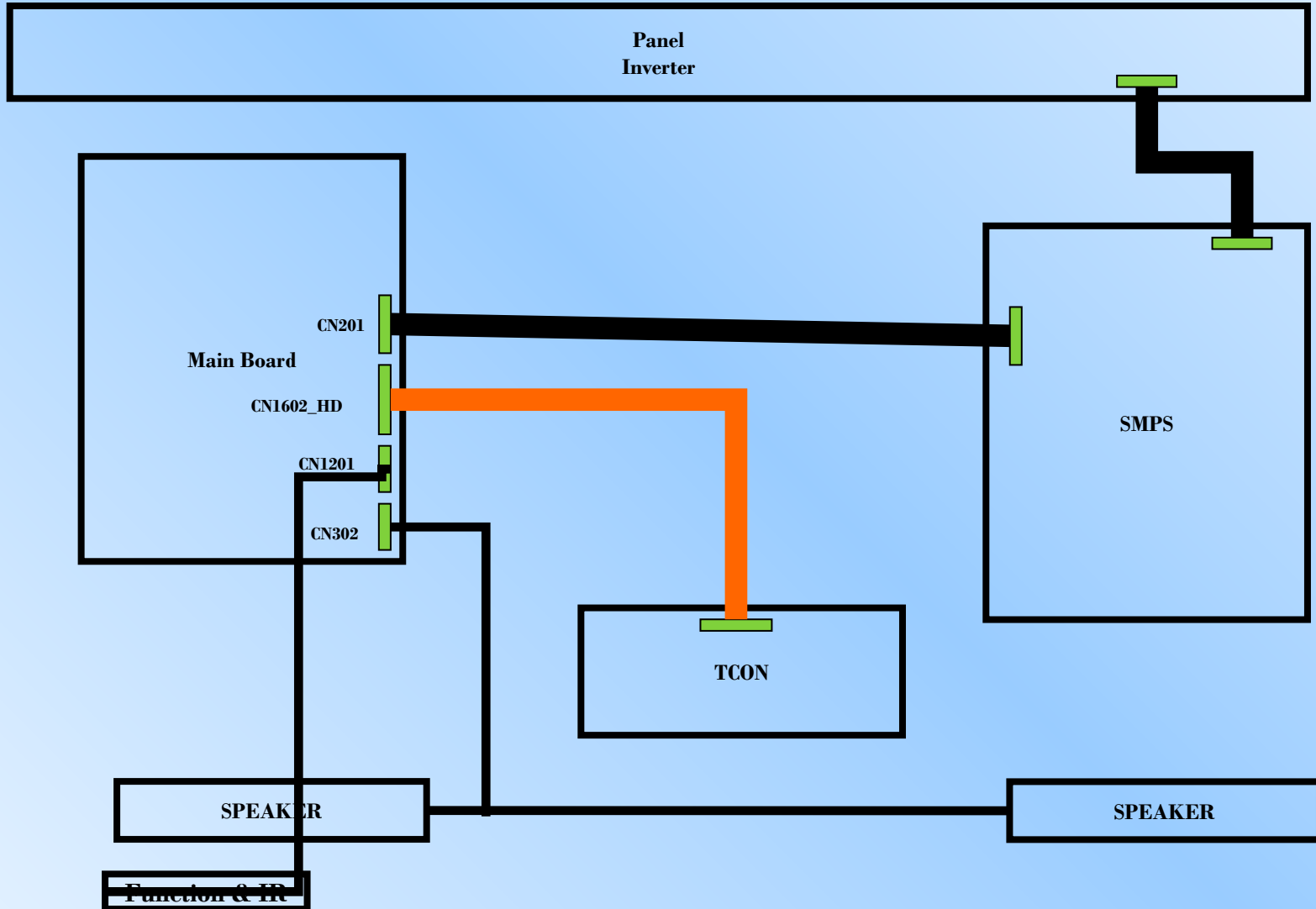
Layout



IV. Layout



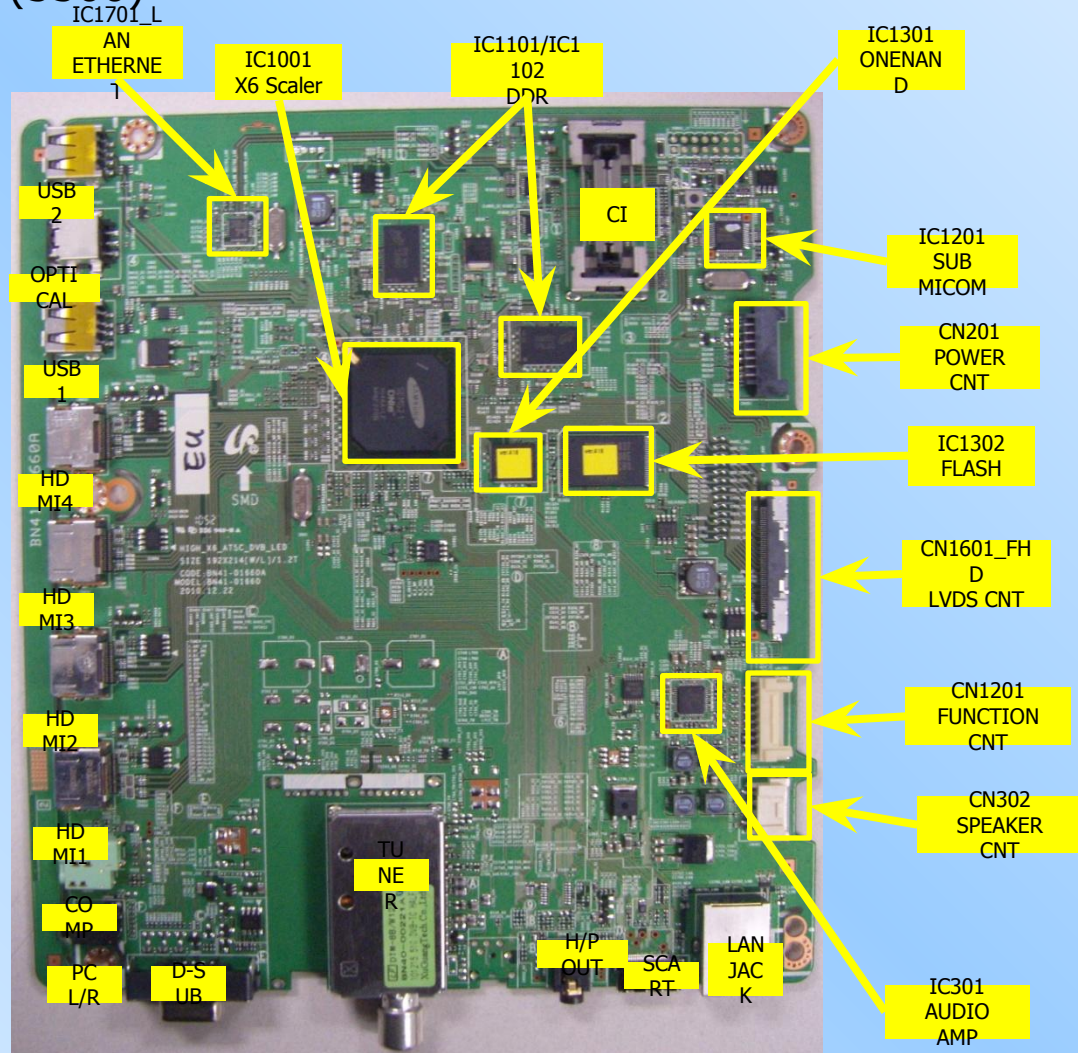
Wiring Diagram 32"/37"/40"/46"



IV. Layout



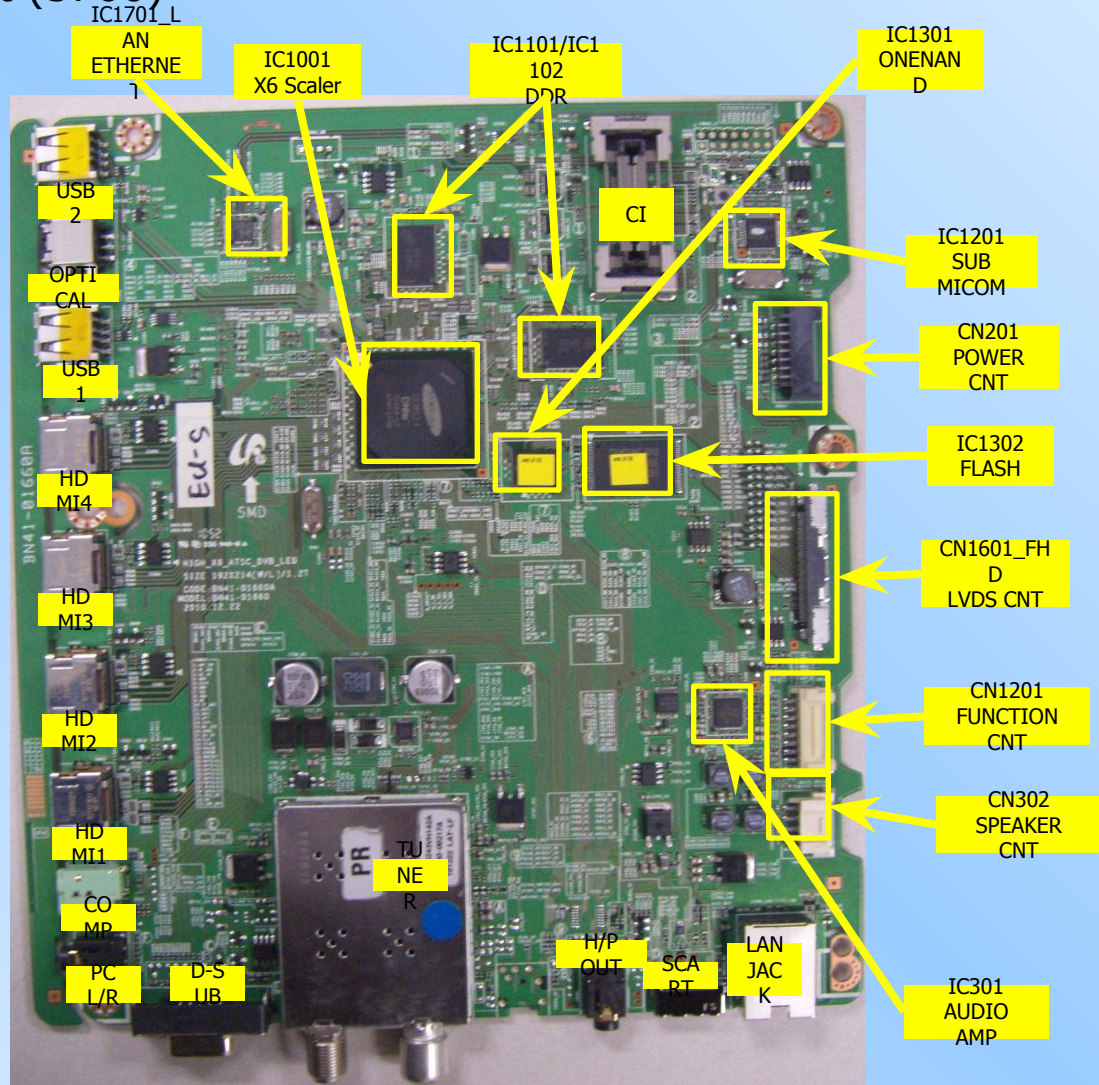
Main Board Layout (5500)



IV. Layout



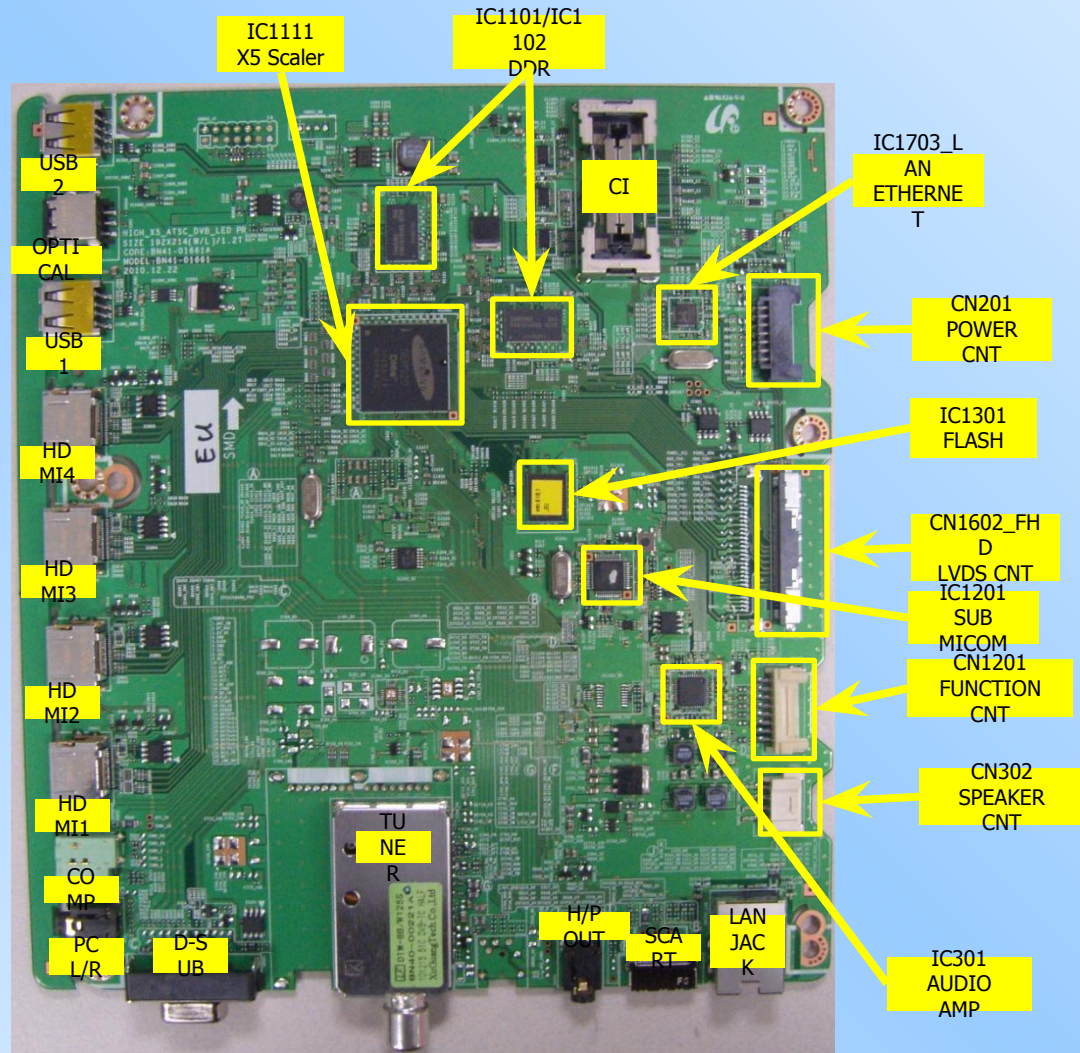
Main Board Layout (5700)



IV. Layout



Main Board Layout (5000)



V. Disassembly



■ D5000/5500 (All inch)

1. Place the TV face down on cushioned table.
Remove 4 screws from the Stand. (M4XL8)
Remove stand.



6001-002621
(Machine)



2. Remove the screws of rear cover. (M4XL12, M3XL6)
3. Lift up the rear cover.



6003-001782

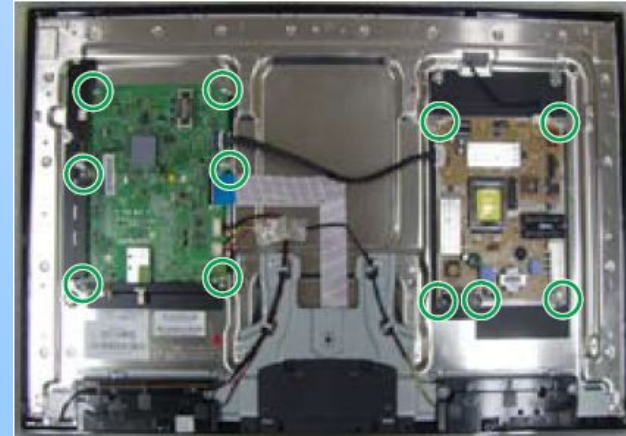


6001-002671
(Machine)

V. Disassembly

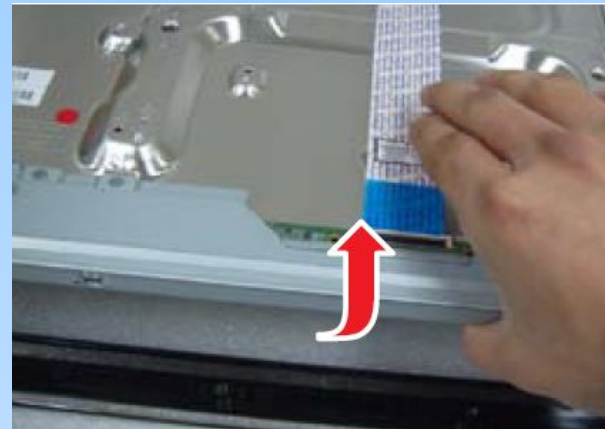
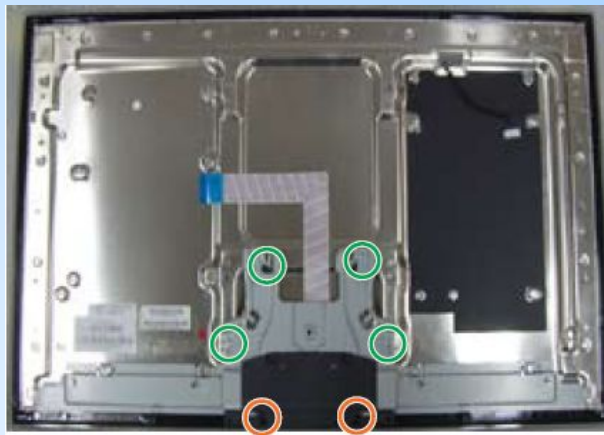


4. Remove the left and right speaker.
5. Remove the cables and screws from SMPS, Main board. (M3XL6)



6001-002653
(Machine)

5. Remove the screws from Bracket stand link. (M3XL6, M4XL12)
6. Lift up the Bracket stand link and panel.



6001-002653
(Machine)



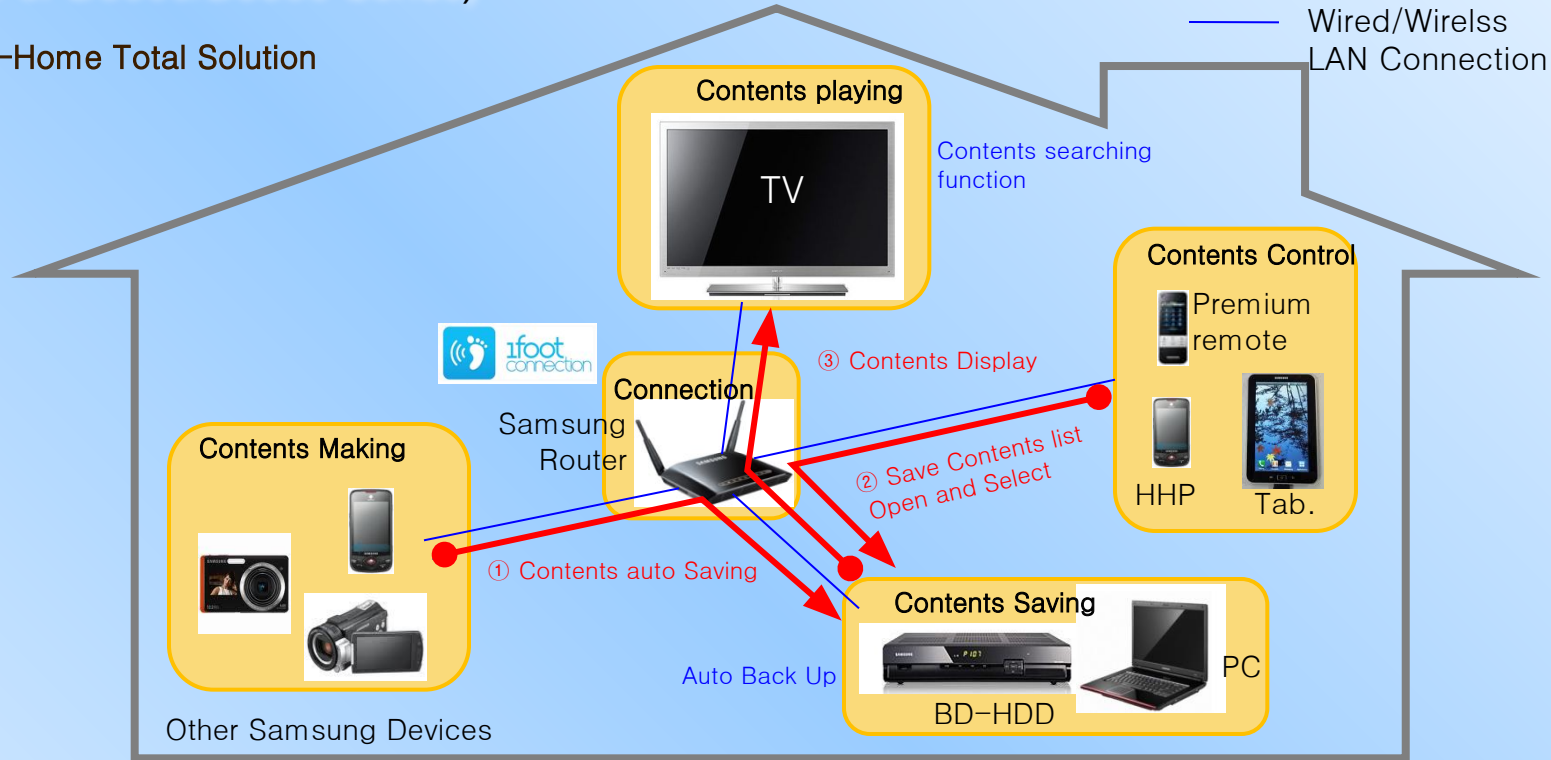
6003-001782

VI. Key Feature



All Share (For D5000/D5500 Series)

- Retailer 向 In-Home Total Solution



Supporting The Total End to End Solution for using Home Digital Media

- Product Connection : By using "Samsung Wired/Wireless AP", we support "Zero Config WiFi Connection between Samsung Products (**One foot Connection**)"
- Contents Making : Making picture and movie by Samsung HHP, Camera, Camcorder
- Contents Saving : Saving Contents automatically to Samsung BD-HDD, PC by **Auto Back Up**
- Contents Control : Selecting and Operating Saving Contents by Samsung Premium Remocon , HHP, Tab.
- Contents Playing : Playing Contents at the Samsung TV and Total Searching the Contents

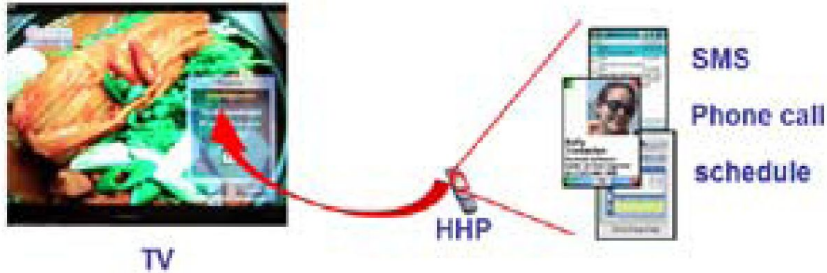
VI. Key Feature



All Share (Message / Media)

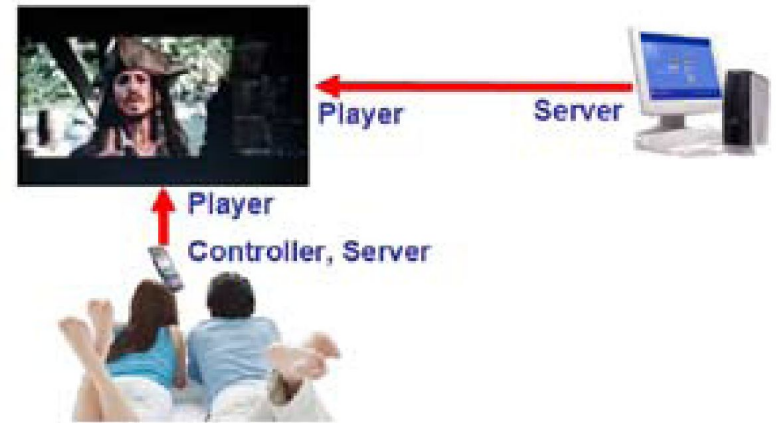
Message

Message : one of the function of AllShare™, checking the call from the cell phone, SMS information, schedule booked on mobile phone



Media

One of the function of AllShare™, showing videos, pictures, MP3 files of cell phone on TV by controlling the cell phone.



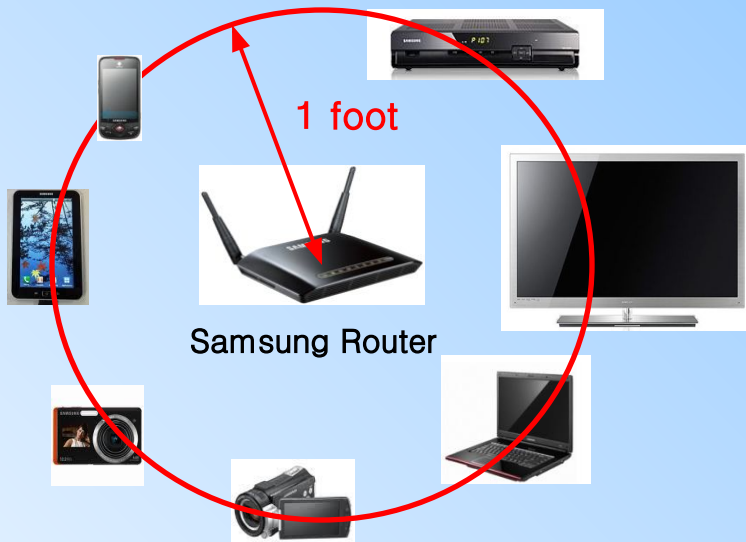
VI. Key Feature



One Foot Connection



Connect Samsung AP and Samsung Products by closed position automatically



VD事 TV Total Search Contents Function

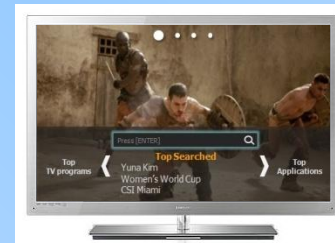
- Support the “Total Search Cotents” in the Allshare devices

DLNA Search : Search contents

TV which supports Standard DLNA searching function

Can search the contents in the Allshare devices

※ Good Compatibility with All standard DLNA device which has Search function support.



① Keyword

② Contents list

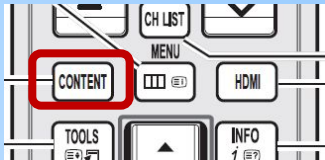
Contents Saving Devices



VI. Key Feature



Content Home (For D5000 Series)



Press the CONTENT button to select Watch TV, My Downloads, AllShare, Source. Each screen will be displayed.

Watch TV

- Guide
- Schedule Manager
- Channel List
- Channel Manager



My Downloads

- Videos
- Photos
- Music



Source

- Use to select TV or other external input sources such as DVD / Blu-ray players / cable box / STB satellite receiver / AllShare connected to the TV.

VI. Key Feature



Smart Hub (For Internet@TV D5500 Series)

Smart Hub brings useful and entertaining contents and services directly from the web to your TV.

- The Gateway to all content integrated in one place
- All search, samsung apps
- Supply differentiated player according to the contents
- Support various USB device (multi media)



detail

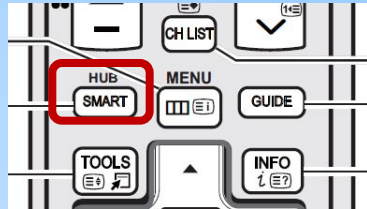
- It's all integrated to guide you to easier and diverse entertainment choices
- Control your entertainment life with easy and simple user friendly UI
- Access to diverse Apps that are adding up every day
- Customize your TV, by App grouping & sorting to your taste

VI. Key Feature



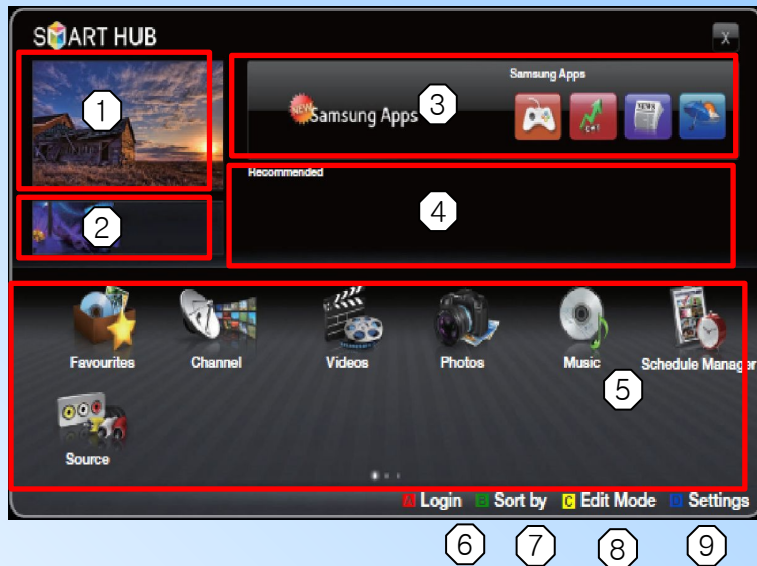
Smart Hub (For Internet@TV D5500 Series)

How to use the Smart Hub



Press the SMART HUB button to select Watch TV, Media play, Source. Each screen will be displayed.

Screen Display



1. TV Screen: Displays the current channel.
2. Information: Displays notices, new applications, and advertisements brought to you by Samsung product introductions.
3. Application service: You can experience various service by Provided samsung for internet.
4. Recommended Applications: Displays the recommended service by Samsung. You are not able to add or delete a service in this list.
5. Installed Applications list: Displays the installed applications in the TV.
 - Default Applications List : Favourite, Channel, Guide, Media play, Source, Schedule Manager
6. a Red (Login): To log in to Smart Hub.
7. b Green (Sort by): To sort the applications by category.
8. c Yellow (Edit Mode): You can edit the applications (such as move, making folder).
9. d Blue (Settings): Edit and configure applications and Smart Hub settings.