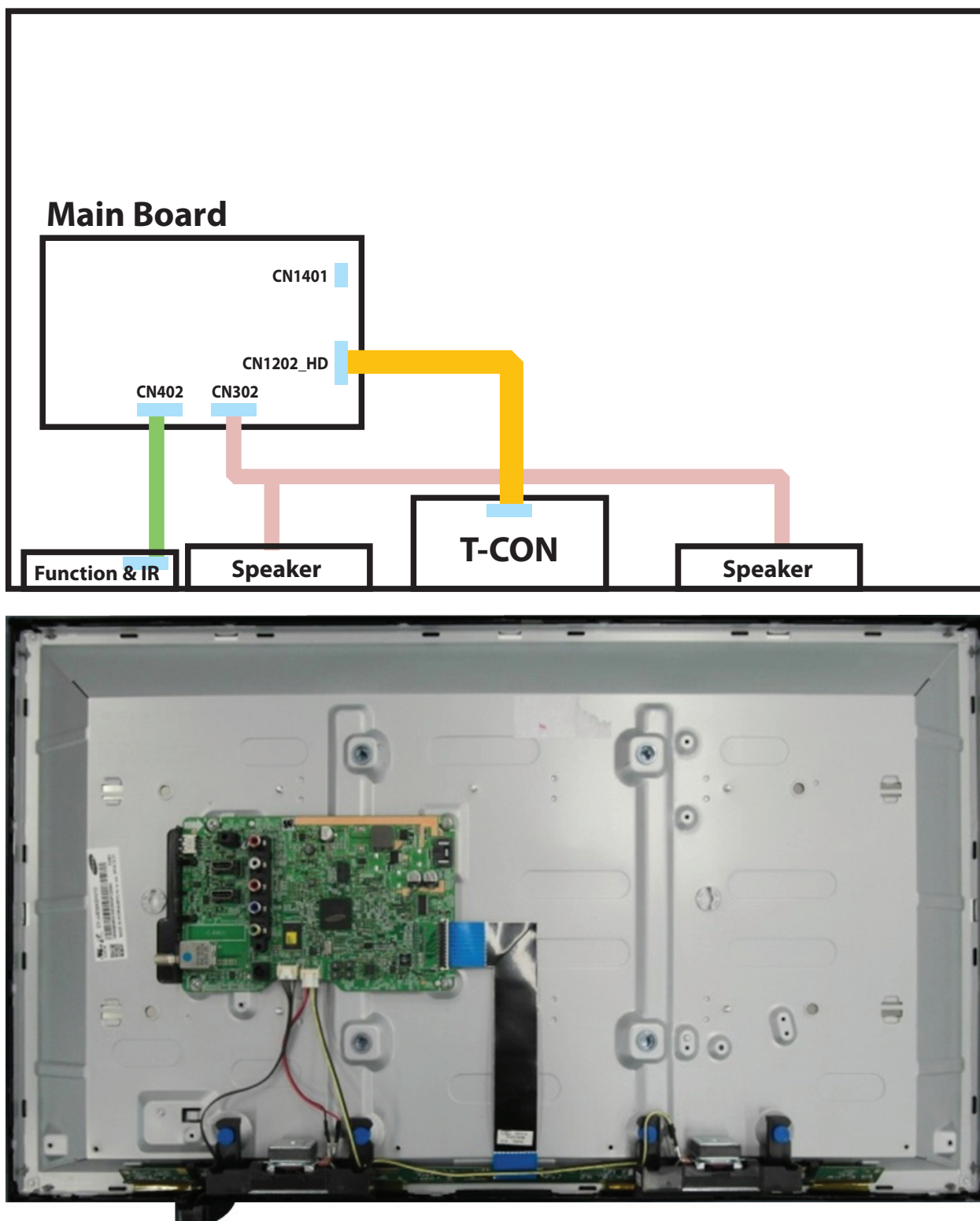


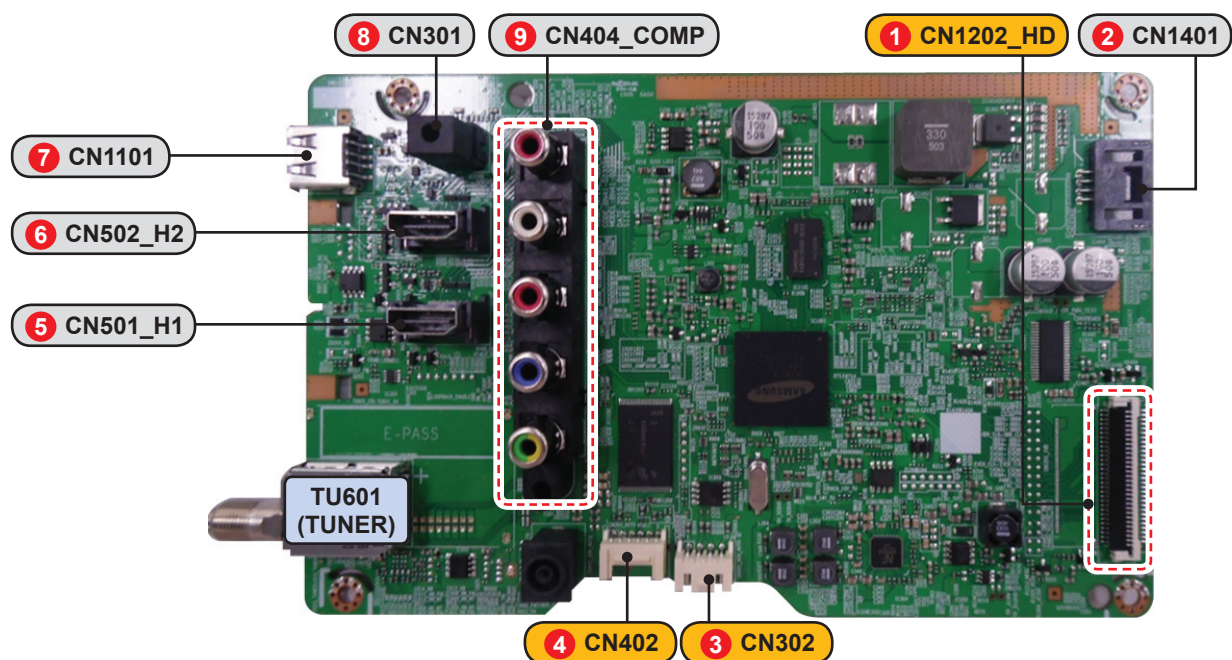
5. Wiring Diagram

5-1. Wiring Diagram



5-2. Connector

■ Main Board



■ Main Board Pin Map

1 CN1202_HD (to Panel)							
1	NC	14	EVEN_TX4+_LVDS	27	EVEN_TX0-_LVDS	40	ODD_TX1-_LVDS
2	GND	15	EVEN_TX4-_LVDS	28	GND	41	ODD_TX0+_LVDS
3	NC	16	EVEN_TX3+_LVDS	29	ODD_TX4+_LVDS	42	ODD_TX0-_LVDS
4	NC	17	EVEN_TX3-_LVDS	30	ODD_TX4-_LVDS	43	GND
5	NC	18	GND	31	ODD_TX3+_LVDS	44	GND
6	NC	19	EVEN_TXCLK+_LVDS	32	ODD_TX3-_LVDS	45	GND
7	LVDS_FORMAT	20	EVEN_TXCLK-_LVDS	33	GND	46	NC
8	TCON_SDA	21	GND	34	ODD_TXCLK+_LVDS	47	PANEL_13V_PW
9	TCON_WP	22	EVEN_TX2+_LVDS	35	ODD_TXCLK-_LVDS	48	PANEL_13V_PW
10	NC	23	EVEN_TX2-_LVDS	36	GND	49	PANEL_13V_PW
11	NC	24	EVEN_TX1+_LVDS	37	ODD_TX2+_LVDS	50	PANEL_13V_PW
12	TCON_SCL	25	EVEN_TX1-_LVDS	38	ODD_TX2-_LVDS	51	PANEL_13V_PW
13	GND	26	EVEN_TX0+_LVDS	39	ODD_TX1+_LVDS		

2 CN1401 (to BLU)			
1	LED-	3	pin 2
2	pin 3	4	LED+

3 CN402 (FUNCTION)			
1	IR	4	KEY_INPUT1
2	DGND	5	NC
3	A3.3V_PW	6	LED_STB

4 CN302 (to Speaker)			
1	OUT2A	3	OUT1A
2	OUT2B	4	OUT1B

5 CN501_H1 (HDMI1)			
1	HDMI1_RX2+_HDMI	11	GND
2	GND	12	HDMI1_RXCLK-_HDMI
3	HDMI1_RX2-_HDMI	13	CEC
4	HDMI1_RX1+_HDMI	14	NC
5	GND	15	HDMI1_SCL_DDC
6	HDMI1_RX1-_HDMI	16	HDMI1_SDA_DDC
7	HDMI1_RX0+_HDMI	17	GND
8	GND	18	HDMI1_5V
9	HDMI1_RX0-_HDMI	19	HDMI1_HOT_PLUG
10	HDMI1_RXCLK+_HDMI		

6 CN502_H2 (HDMI2)			
1	HDMI2_RX2+_HDMI	11	GND
2	GND	12	HDMI2_RXCLK-_HDMI
3	HDMI2_RX2-_HDMI	13	CEC
4	HDMI2_RX1+_HDMI	14	NC
5	GND	15	HDMI2_SCL_DDC
6	HDMI2_RX1-_HDMI	16	HDMI2_SDA_DDC
7	HDMI2_RX0+_HDMI	17	GND
8	GND	18	HDMI2_5V
9	HDMI2_RX0-_HDMI	19	HDMI2_HOT_PLUG
10	HDMI2_RXCLK+_HDMI		

7 CN1101 (USB)			
1	B5V_USB1_PW	3	USB0_DP+_USB
2	USB0_DM-_USB	4	DGND

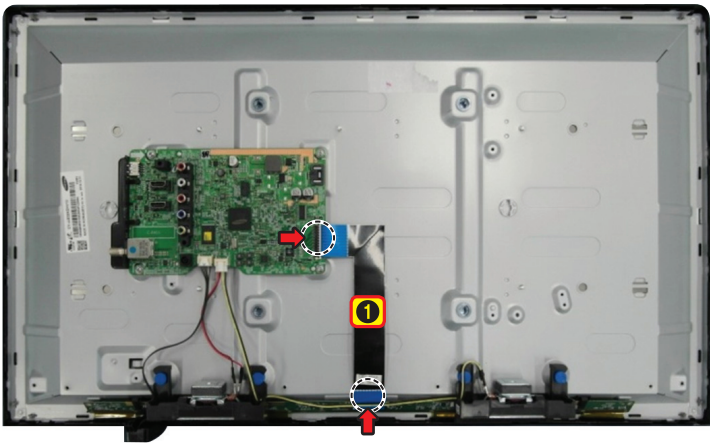
8 CN301 (Headphone)			
1	DGND	5	TEST_SR
2	MO_HP_SL_OUT	6	IDENT_HP_MO
3	MO_HP_SR_OUT	7	DGND
4	TEST_SL		

9 CN404_COMP (AV IN)			
1	DGND	9	TEST_PR
2	COMP1_Y_CVBS1	10	DGND
3	IDENT_AV1	11	COMP1_AV1_SL_IN
4	DGND	12	TEST_SL
5	COMP1_PB	13	GND
6	IDENT_COMP1	14	COMP1_AV1_SR_IN
7	GND	15	TEST_SR
8	COMP1_PR		

5-3. Connector Functions

Connector	Function
• CN1401 ↔ BLU	Control Back Light Unit (BLU) by Main Board.
• CN1202_HD ↔ T-CON CNF1	The LVDS signal transfered from Main Board to Panel.

5-4. Cables

USE		① Main-T CON (30P)
		ASSY CABLE P-FFC
Code	32"	BN96-35954A
Photo		

**NOTE**

The code number of cable (Lead-connector) can be changed, see "**Exploded Views and Parts List**".