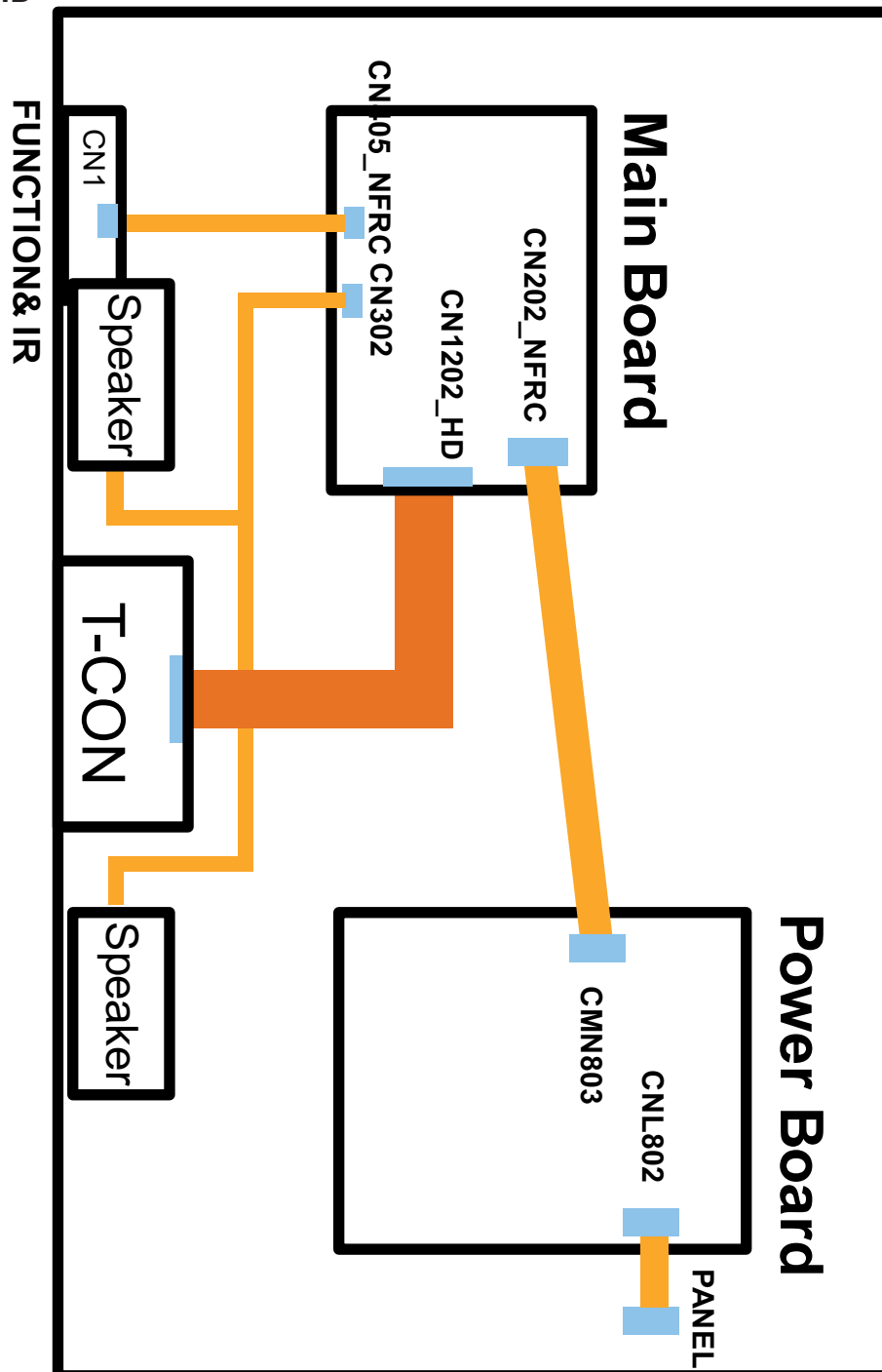
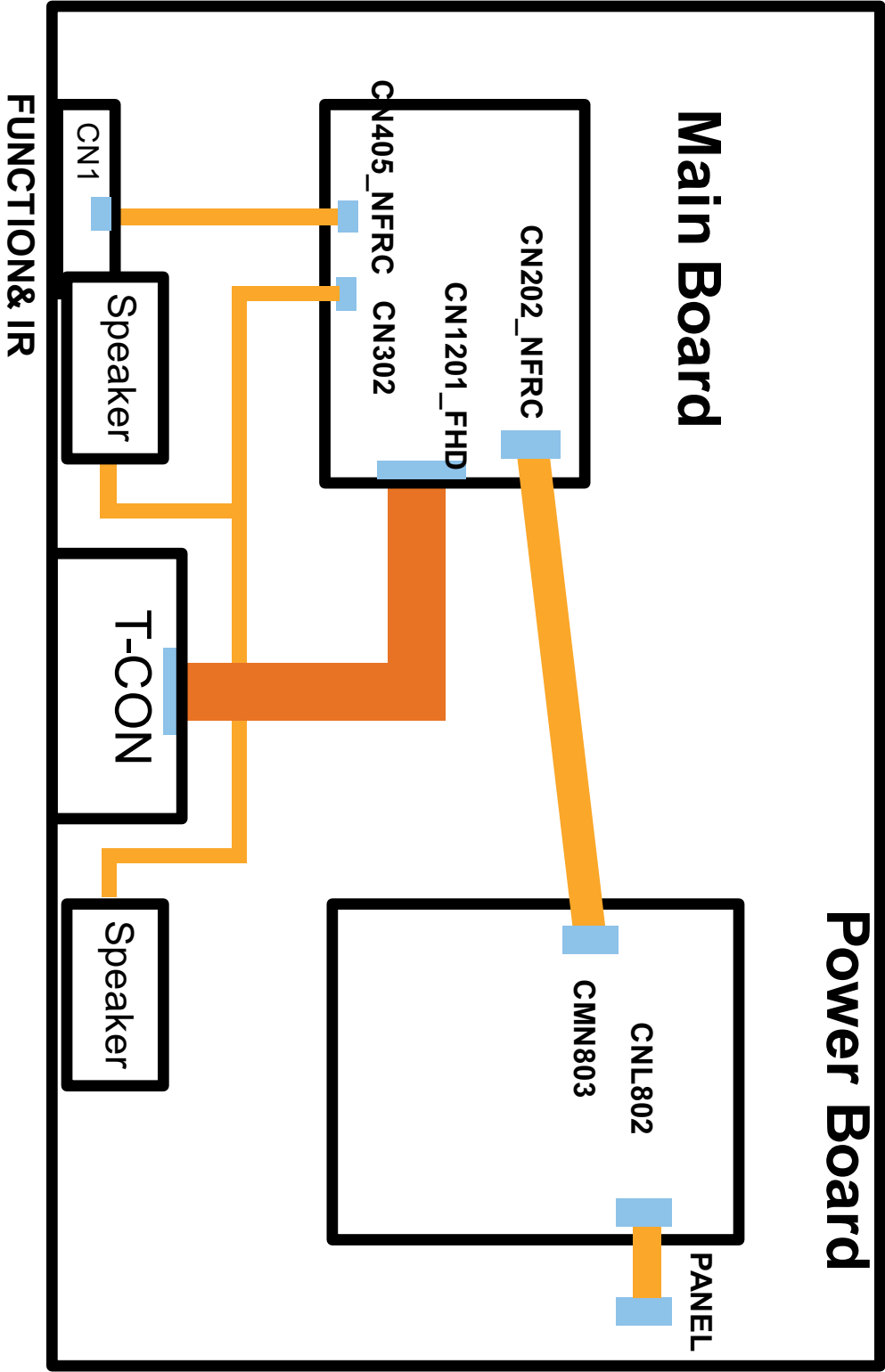


5. Wiring Diagram

5-1. Wiring Diagram

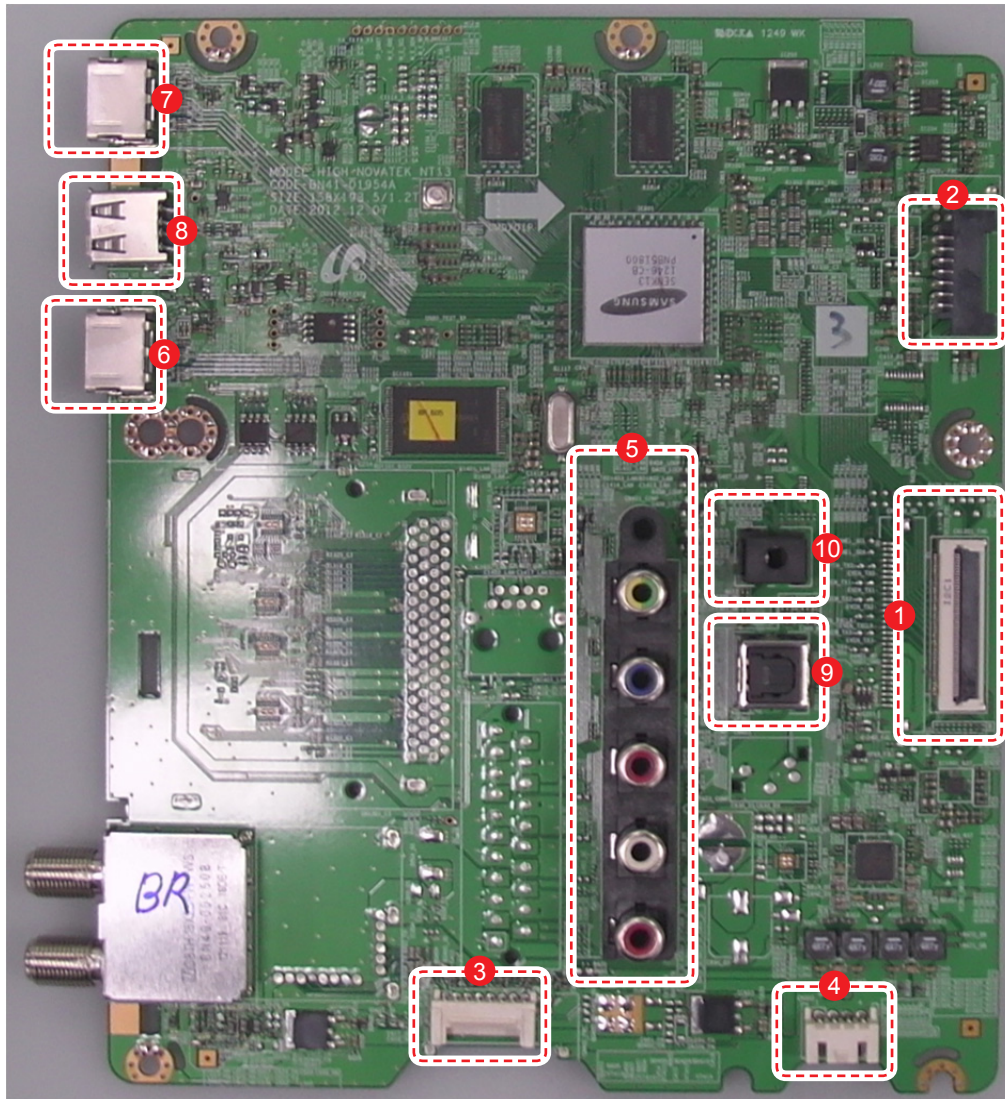
■ U88A_HD





5-2. Connector

■ Main Board



① CN1302_HD (to Panel)

1	Panel_VCC	16	EVENCLK+
2	Panel_VCC	17	EVENCLK-
3	Panel_VCC	18	GND
4	Panel_VCC	19	EVEN[2]+
5	Panel_VCC	20	EVEN[2]-
6	GND	21	GND
7	GND	22	EVEN[1]+
8	GND	23	EVEN[1]-
9	TCON_WP	24	GND
10	LVDS_FORMAT	25	EVEN[0]+
11	NC	26	EVEN[0]-
12	GND	27	GND
13	EVEN[3]+	28	SDA_Panel
14	EVEN[3]-	29	SCL_Panel
15	GND	30	NC

② CN201 (to Powr board)

1	B5.3V	8	GND
2	SW_POWER	9	B13VS
3	B5.3V	10	SW_INVERTER
4	A5.3V	11	B13V
5	GND	12	B13V
6	GND	13	B13V
7	B13VS	14	PWM_DIMM

③ CN702 (FUNCTION)

1	IR	5	MSDA
2	GND	6	KEY1
3	A3.3V	7	KEY2
4	MSCL	8	GND

5. Wiring Diagram

④ CN302 (SPEAKER)			
1	R+	3	L+
2	R-	4	L-

⑤ CN403 (COMPONENT)			
1	GND	9	TEST_COMP_PR
2	COMP1_Y_CVBS	10	GND
3	IDENT_VIDEO1	11	COMP1_SL_IN
4	GND	12	TEST_SL
5	COMP1_PB	13	GND
6	IDENT_COMP1	14	COMP1_SR_IN
7	GND	15	TEST_SR
8	COMP1_PR		

⑥ CN501 (HDMI1)			
1	HDMI1_RX2+	11	GND
2	GND	12	HDMI1_RXCLK-
3	HDMI1_RX2-	13	HDMI_CEC
4	HDMI1_RX1+	14	GND
5	GND	15	SCL
6	HDMI1_RX1-	16	SDA
7	HDMI1_RX0+	17	GND
8	GND	18	5V
9	HDMI1_RX0-	19	HPD
10	HDMI1_RXCLK+		

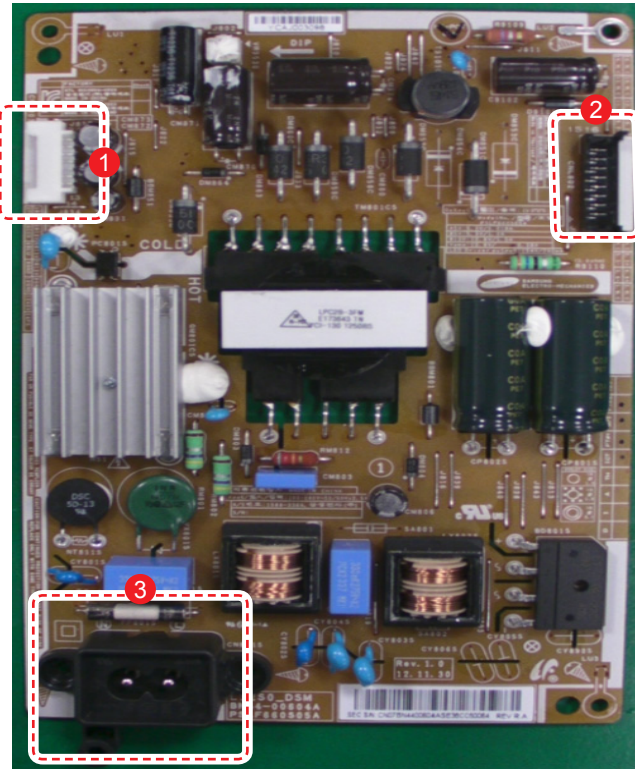
⑦ CN502 (HDMI2)			
1	HDMI2_RX2+	11	GND
2	GND	12	HDMI2_RXCLK-
3	HDMI2_RX2-	13	HDMI_CEC
4	HDMI2_RX1+	14	GND
5	GND	15	SCL
6	HDMI2_RX1-	16	SDA
7	HDMI2_RX0+	17	GND
8	GND	18	5V
9	HDMI2_RX0-	19	HPD
10	HDMI2_RXCLK+		

⑧ CN1201 (USB1)			
1	USB_VCC	3	USB_DP
2	USB_DM	4	GND

⑨ OP301 (OPTICAL)			
1	SPDIF_OUT	3	GND
2	GND		

⑩ CN301 (Monitor Out)			
1	GND	5	NC
2	SL_OUT	6	IDENT
3	SR_OUT	7	GND
4	NC		

■ SMPS



① CNM803 (to MAIN board)

1	B13V	8	GND
2	PWM_DIM	9	GND
3	B13V	10	GND
4	ECO_ON/OFF	11	B5V
5	Vamp	12	A5V
6	BLU_ON/OFF	13	B5V
7	Vamp	14	PS ON/OFF

② CNL802

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

③ CN801S

1	N	2	L
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5-3. Connector Functions

Connector	Function
CN201 ↔ IP CN	Supply main power and dimming signal from IP board to Main Board.
CN1301_FHD ↔ T-CON CNF1	The LVDS signal transfered from Main Board to Panel .
CN1302_HD ↔ T-CON CNF1	The LVDS signal transfered from Main Board to Panel .

5-4. Cables

Use	LEAD (Main-IP 14P)	LVDS CALBE (Main - Panel 30P)
Code No.	U*32F4*00A* : BN39-01455W U*32F5*00A* : BN39-01455W U*40F5*00A* : BN39-01455C U*46F5*00A* : BN39-01455X U*50F5*00A* : BN39-01455S	U*32F4*00A* : BN96-20370Z U*32F5*00A* : BN96-24278R U*40F5*00A* : BN96-24278T U*46F5*00A* : BN96-24278S U*50F5*00A* : BN96-24278Y
Image	