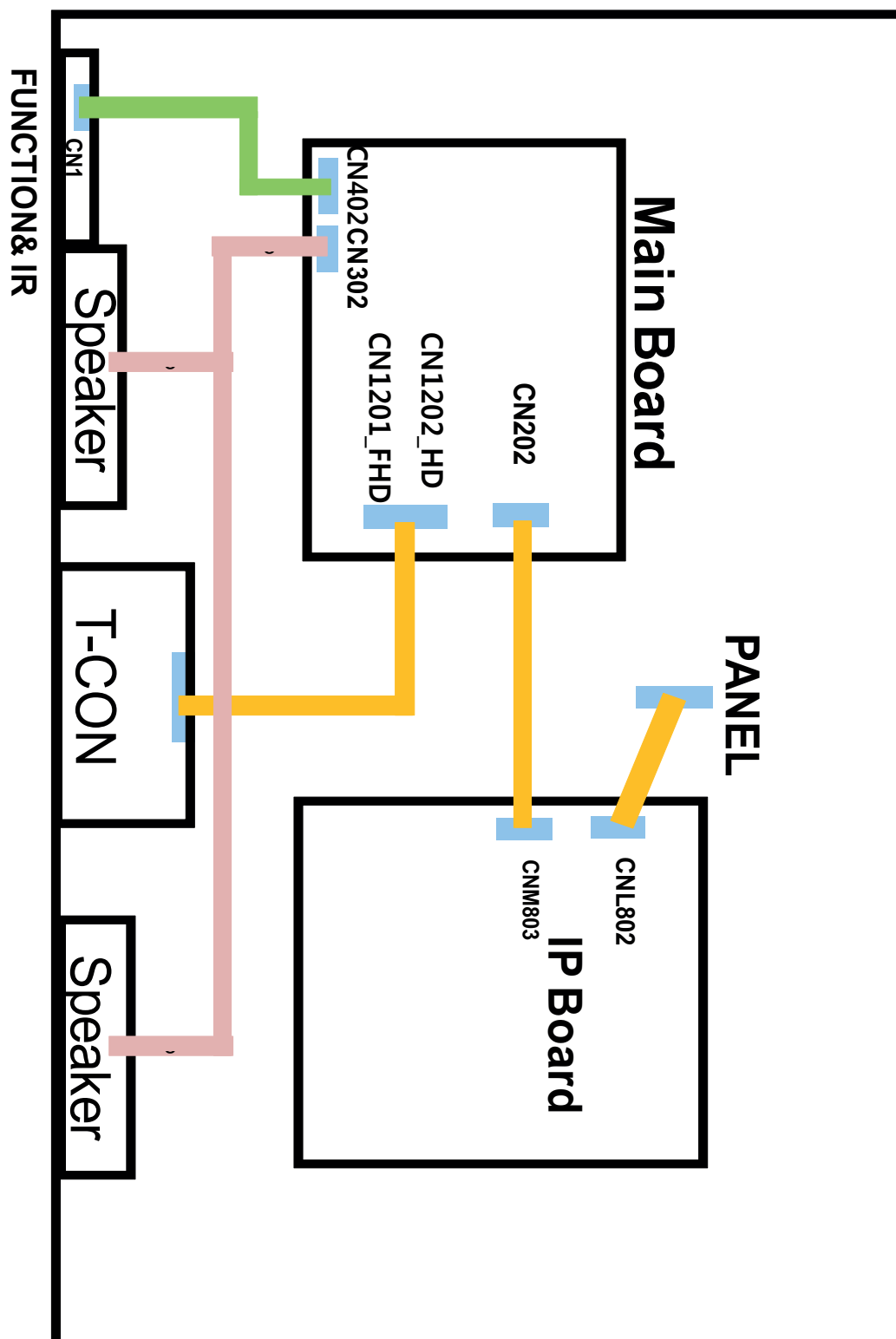


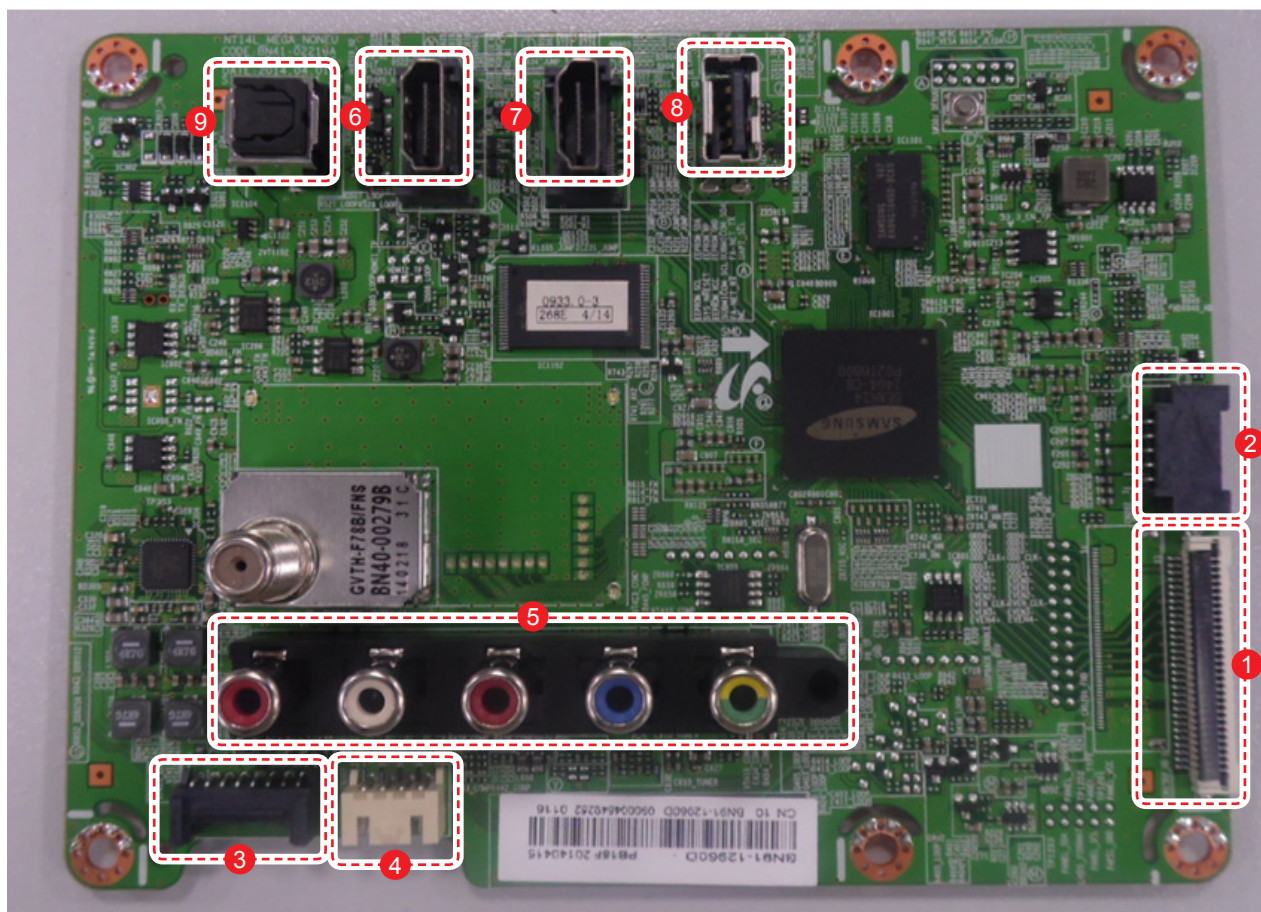
5. Wiring Diagram

5-1. Wiring Diagram



5-2. Connector

■ Main Board



① CN1202_HD (to Panel)

1	PANEL_13V_PW	16	EVEN_TXCLK+_LVDS
2	PANEL_13V_PW	17	EVEN_TXCLK-_LVDS
3	PANEL_13V_PW	18	DGND
4	PANEL_13V_PW	19	EVEN_TX2+_LVDS
5	PANEL_13V_PW	20	EVEN_TX2-_LVDS
6	DGND	21	DGND
7	DGND	22	EVEN_TX1+_LVDS
8	DGND	23	EVEN_TX1-_LVDS
9	PANEL_WP	24	DGND
10	LVDS_FORMAT	25	EVEN_TX0+_LVDS
11	NC	26	EVEN_TX0-_LVDS
12	DGND	27	DGND
13	EVEN_TX3+_LVDS	28	TCON_SDA
14	EVEN_TX3-_LVDS	29	TCON_SLA
15	DGND	30	DGND

② CN202 (to Power board)

1	GND	6	SW_POWER_TO_SMPS
2	GND	7	A13V
3	A13V	8	PWM_DIM
4	GND	9	A13V
5	A13V	10	UNDER_DRIVER

③ CN402 (FUNCTION)

1	IR	5	MSDA
2	GND	6	KEY_INPUT1
3	A3.3V	7	KEY_INPUT2
4	MSCL	8	LED_STB

④ CN302 (SPEAKER)

1	R+	3	L+
2	R-	4	L-

⑤ CN404_COMP(COMPONENT)

1	GND	9	TEST_PR
2	COMP1_Y_CVBS	10	GND
3	IDENT_AV1	11	COMP1_AV1_SL_IN
4	GND	12	TEST_SL
5	COMP1_PB	13	GND
6	IDENT_COMP1	14	COMP1_AV1_SR_IN
7	GND	15	TEST_SR
8	COMP1_PR		

⑥ CN501_H1 (HDMI1)

1	HDMI1_RX2+	11	GND
2	GND	12	HDMI1_RXCLK-
3	HDMI1_RX2-	13	CEC
4	HDMI1_RX1+	14	NC
5	GND	15	HDMI1_SCL
6	HDMI1_RX1-	16	HDMI1_SDA
7	HDMI1_RX0+	17	GND
8	GND	18	HDMI1_5V
9	HDMI1_RX0-	19	STB_CHECK
10	HDMI1_RXCLK+		

⑦ CN502_H2 (HDMI2)

1	HDMI2_RX2+	11	GND
2	GND	12	HDMI2_RXCLK-
3	HDMI2_RX2-	13	CEC
4	HDMI2_RX1+	14	NC
5	GND	15	HDMI_SCL
6	HDMI2_RX1-	16	HDMI_SDA
7	HDMI2_RX0+	17	GND
8	GND	18	5V
9	HDMI2_RX0-	19	STB_CHECK
10	HDMI2_RXCLK+		

⑧ CN1101 (USB1)

1	B5V_USB1	3	USB_DP
2	USB_DM	4	GND

⑨ OP301_OP (OPTICAL)

1	SPDIF_OUT	3	GND
2	B5V		

5-3. Connector Functions

Connector	Function
CN202 ↔ CNM803	Supply main power and dimming signal from SMPS to Main Board.
CN1202_HD ↔ C	The LVDS signal transferred from Main Board to Panel.