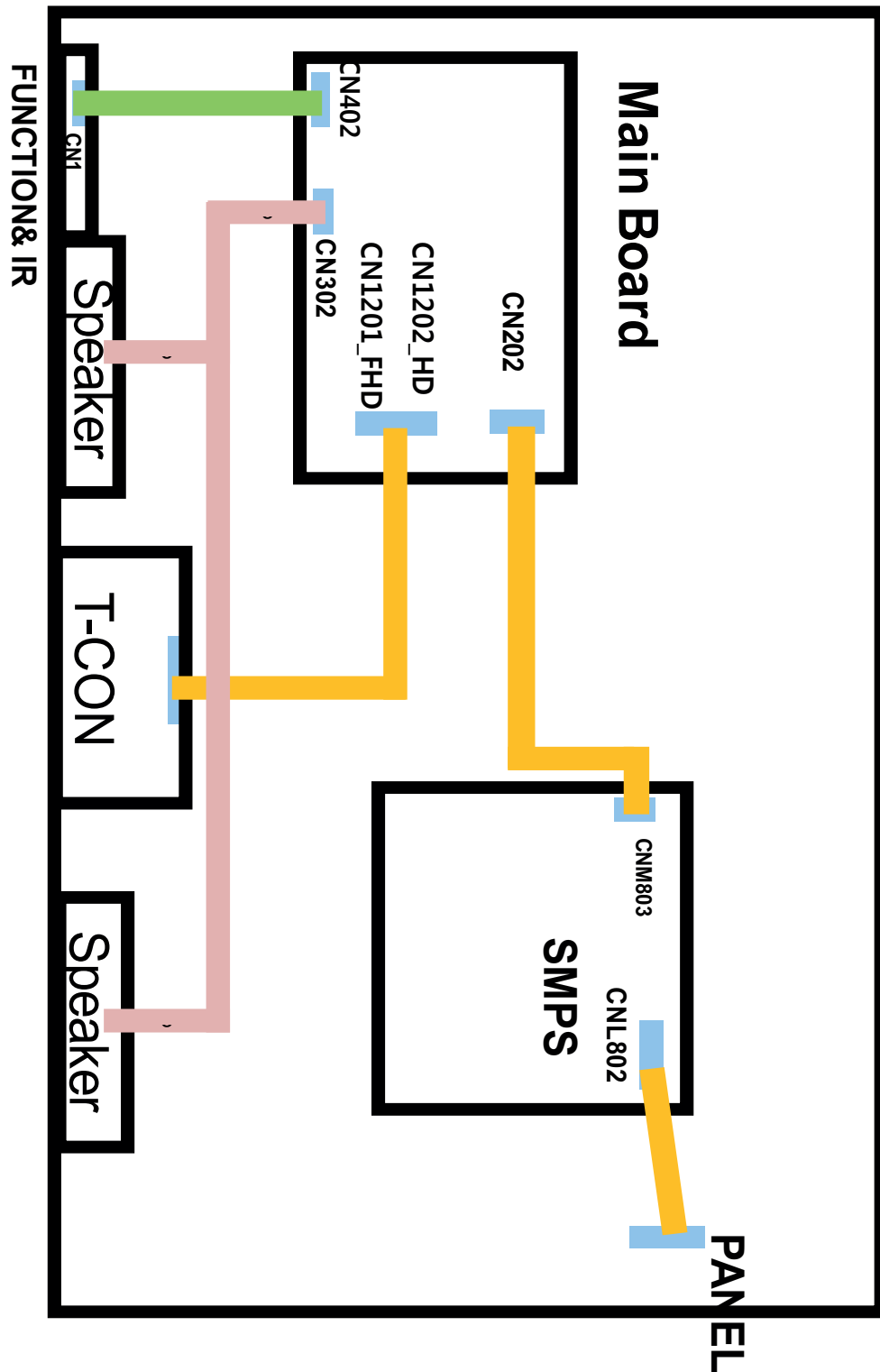


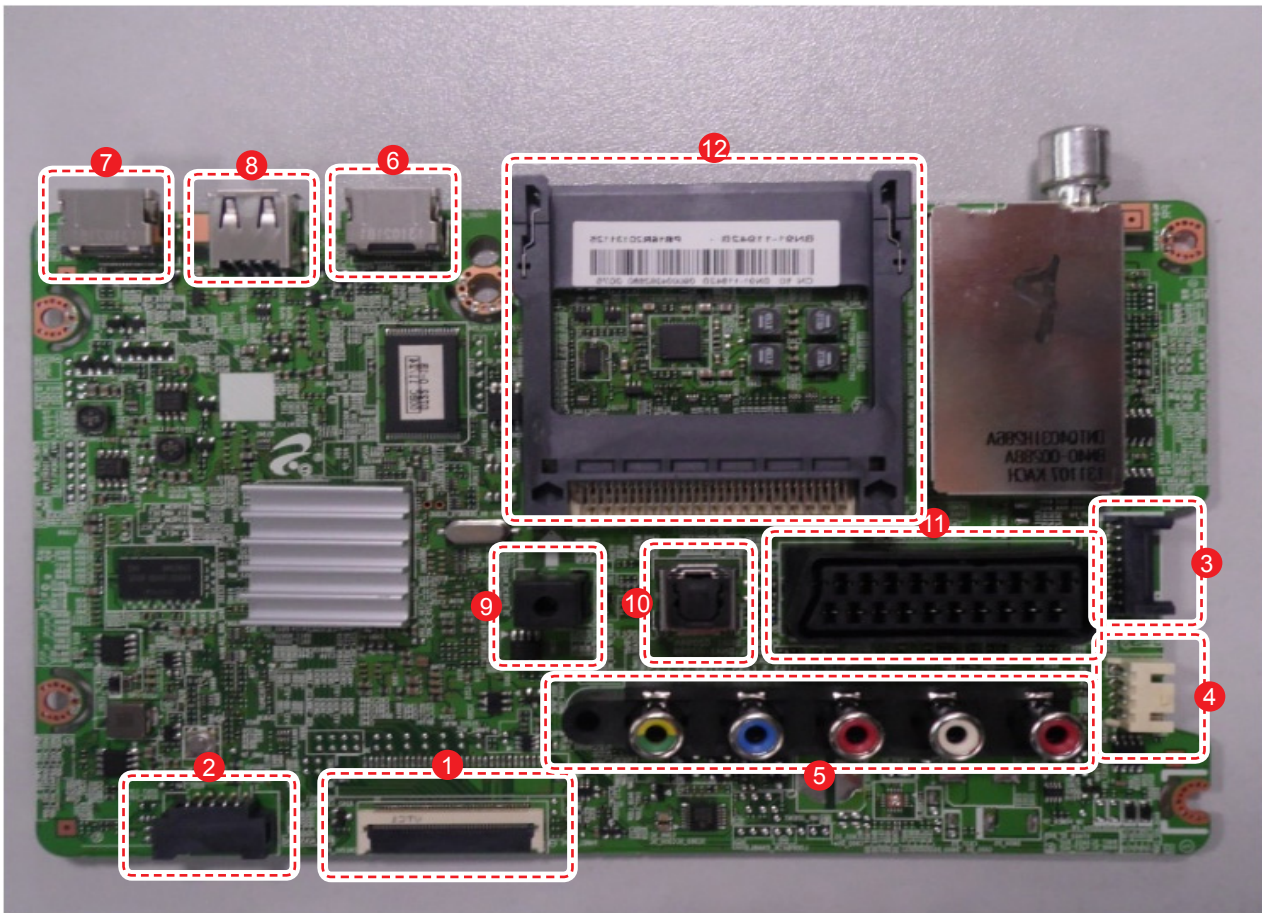
## 5. Wiring Diagram

### 5-1. Wiring Diagram



## 5-2. Connector

### ■ Main Board



① CN1201_FHD (to Panel)			
1	NC	14	EVEN_TX4+_LVDS
2	GND	15	EVEN_TX4-_LVDS
3	FRC_SDA	16	EVEN_TX3+_LVDS
4	PWM_DIM1_FRC	17	EVEN_TX3-_LVDS
5	FRC_SCL	18	GND
6	FRC_NRESET	19	EVEN_TXCLK+_LVDS
7	LVDS_FORMAT	20	EVEN_TXCLK-_LVDS
8	TCON_SDA	21	GND
9	TCON_WP	22	EVEN_TX2+_LVDS
10	NC	23	EVEN_TX2-_LVDS
11	UPDATE_CHECK	24	EVEN_TX1+_LVDS
12	TCON_SCL	25	EVEN_TX1-_LVDS
13	GND	26	EVEN_TX0+_LVDS

① CN1201_FHD (to Panel)			
27	EVEN_TX0-_LVDS	40	ODD_TX1-_LVDS
28	GND	41	ODD_TX0+_LVDS
29	ODD_TX4+_LVDS	42	ODD_TX0-_LVDS
30	ODD_TX4-_LVDS	43	GND
31	ODD_TX3+_LVDS	44	GND
32	ODD_TX3-_LVDS	45	GND
33	GND	46	NC
34	ODD_TXCLK+_LVDS	47	Panel_13V_PW
35	ODD_TXCLK-_LVDS	48	Panel_13V_PW
36	GND	49	Panel_13V_PW
37	ODD_TX2+_LVDS	50	Panel_13V_PW
38	ODD_TX2-_LVDS	51	Panel_13V_PW
39	ODD_TX1+_LVDS		

**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_VIDEO1	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 CN301(Headphone)**

1	GND	5	TEST_SR
2	SL_OUT	6	IDENT_HP
3	SR_OUT	7	GND
4	TEST_SL		

**⑩ OP301\_OP (OPTICAL)**

1	SPDIF_OUT	3	GND
2	B5V		

**⑪ CN401\_SC (SCART)**

1	SC_SR_OUT	12	NC
2	SC_AV2_SR_IN	13	GND
3	SC_SL_OUT	14	GND
4	GND	15	SC_R
5	GND	16	SC_FB
6	SC_AV2_SL_IN	17	GND
7	SC_B	18	GND
8	IDENT_SC	19	SC_CVBS_OUT
9	GND	20	SC_AV2_CVBS_IN
10	NC	21	GND
11	SC_G		

## 5. Wiring Diagram

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12 CN1301_CI (PCMCIA)			
1	GND	35	GND
2	PCM_DATA[3]	36	PCM_CD1
3	PCM_DATA[4]	37	TSO_DATA[3]
4	PCM_DATA[5]	38	TSO_DATA[4]
5	PCM_DATA[6]	39	TSO_DATA[5]
6	PCM_DATA[7]	40	TSO_DATA[6]
7	PCM_CE1	41	TSO_DATA[7]
8	PCM_ADDR[10]	42	NC
9	PCM_OE	43	NC
10	PCM_ADDR[11]	44	PCM_IORD
11	PCM_ADDR[9]	45	PCM_IOWR
12	PCM_ADDR[8]	46	CH_START
13	PCM_ADDR[13]	47	CH_DATA[0]
14	PCM_ADDR[14]	48	CH_DATA[1]
15	PCM_WE	49	CH_DATA[2]
16	PCM_IRQA	50	CH_DATA[3]
17	VCC_CI_5V	51	VCC_CI_5V
18	VCC_CI_5V	52	VCC_CI_5V
19	CH_VALID	53	CH_DATA[4]
20	CH_CLK	54	CH_DATA[5]
21	PCM_ADDR[12]	55	CH_DATA[6]
22	PCM_ADDR[7]	56	CH_DATA[7]
23	PCM_ADDR[6]	57	TSO_CLK
24	PCM_ADDR[5]	58	PCM_RESET
25	PCM_ADDR[4]	59	PCM_WAIT
26	PCM_ADDR[3]	60	NC
27	PCM_ADDR[2]	61	PCM_REG
28	PCM_ADDR[1]	62	TSO_VALID
29	PCM_ADDR[0]	63	TSO_START
30	PCM_DATA[0]	64	TSO_DATA[0]
31	PCM_DATA[1]	65	TSO_DATA[1]
32	PCM_DATA[2]	66	TSO_DATA[2]
33	VCC_CI_5V	67	PCM_CD1
34	GND	68	GND

### 5-3. Connector Functions

Connector	Function
CN202 ↔ IP CN	Supply main power and dimming signal from SMPS to Main Board.
CN1201_FHD ↔ T-CON CNF1	The LVDS signal transferred from Main Board to Panel.