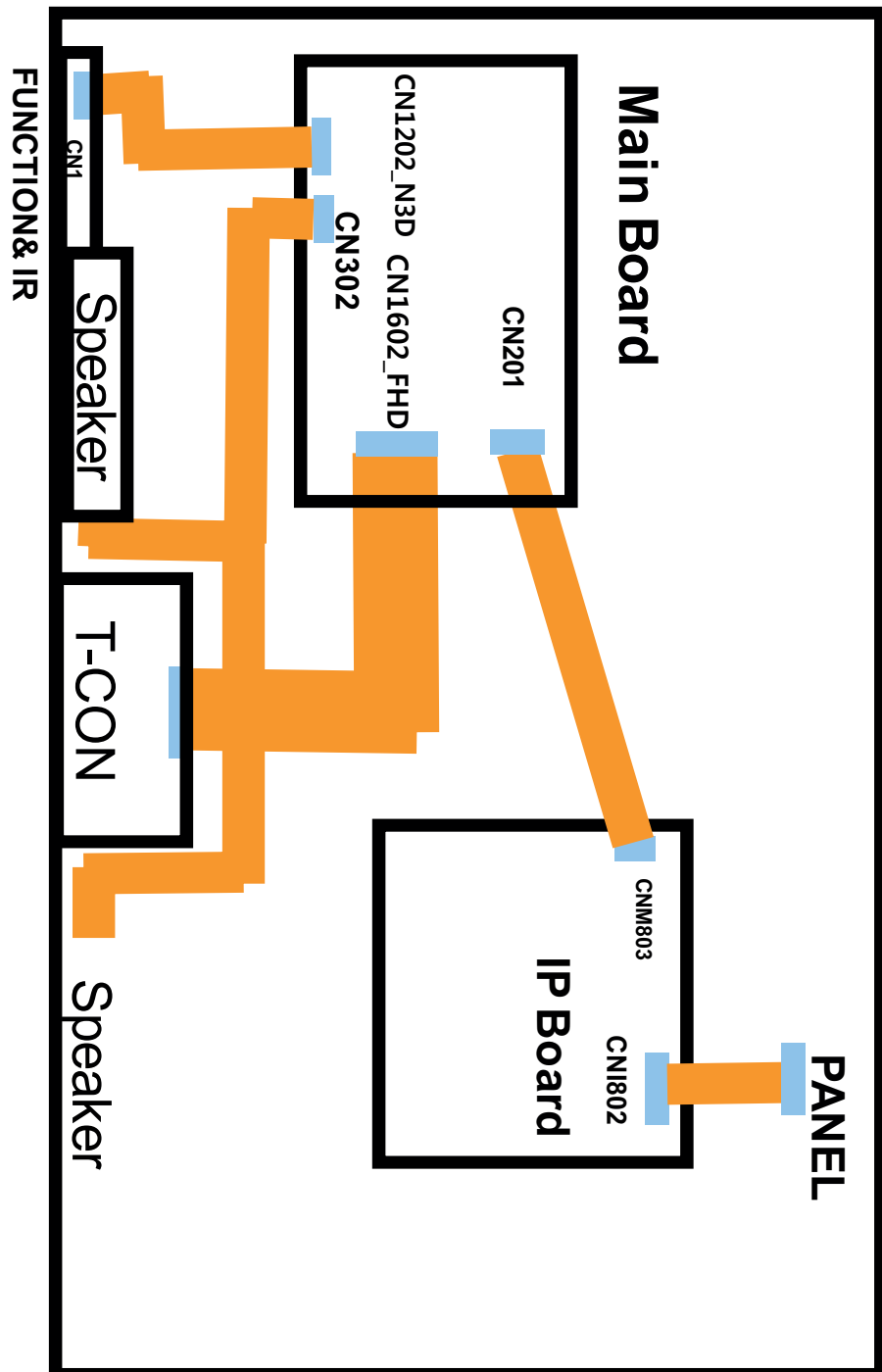


5. Wiring Diagram

5-1. Wiring Diagram



5-2. Connector

① CN1201_FHD			
1	NC	27	EVEN_TX0-_LVDS
2	GND	28	GND
3	NC	29	ODD_TX4+_LVDS
4	NC	30	ODD_TX4-_LVDS
5	NC	31	ODD_TX3+_LVDS
6	NC	32	ODD_TX3-_LVDS
7	GND	33	GND
8	TCON_SDA	34	ODD_TXCLK+_LVDS
9	PANEL_I2C_EN	35	ODD_TXCLK-_LVDS
10	NC	36	GND
11	NC	37	ODD_TX2+_LVDS
12	TCON_SCL	38	ODD_TX2-_LVDS
13	GND	39	ODD_TX1+_LVDS
14	EVEN_TX4+_LVDS	40	ODD_TX1-_LVDS
15	EVEN_TX4-_LVDS	41	ODD_TX0+_LVDS
16	EVEN_TX3+_LVDS	42	ODD_TX0-_LVDS
17	EVEN_TX3-_LVDS	43	GND
18	GND	44	GND
19	EVEN_TXCLK+_LVDS	45	GND
20	EVEN_TXCLK-_LVDS	46	NC
21	GND	47	Panel_13V_PW
22	EVEN_TX2+_LVDS	48	Panel_13V_PW
23	EVEN_TX2-_LVDS	49	Panel_13V_PW
24	EVEN_TX1+_LVDS	50	Panel_13V_PW
25	EVEN_TX1-_LVDS	51	Panel_13V_PW
26	EVEN_TX0+_LVDS		

② CN201 (to Powr board)			
1	B5.3V	11	B13V
2	SW_POWER_OUT	12	B13V
3	B5.3V	13	B13V
4	A5.3V	14	PWM_DIMM
5	GND	15	GND
6	GND	16	FRC_PWM2
7	B12VS	17	OVD_ON_OFF
8	GND	18	FRC_PWM3
9	B12VS	19	OVD_LEVEL
10	SW_INVERTER	20	FRC_PWM4

③ CN1202 (FUNCTION)			
1	IR	4	KEY_INPUT1
2	GND	5	KEY_INPUT2
3	A3.3V_PW	6	A3.3V_PW

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

⑤ TU603_BR			
1	1.8V	7	DAGC
2	NC	8	DIF-
3	SCL	9	CVBS
4	3.3V	10	SIF
5	SDA	11	RST
6	DIF+	12	NC

⑥ CN401_COMP(COMPONENT)			
1	GND	9	COMP2_PR
2	COMP2_Y_CVBS	10	GND
3	IDENT_VIDEO2	11	COMP2_AV2_SL_IN
4	GND	12	COMP2_AV2_SR_IN
5	COMP2_PB	13	GND
6	IDENT_COMP2	14	COMP2_AV2_SR_IN
7	GND	15	COMP2_AV2_SL_IN
8	COMP2_PR		

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.