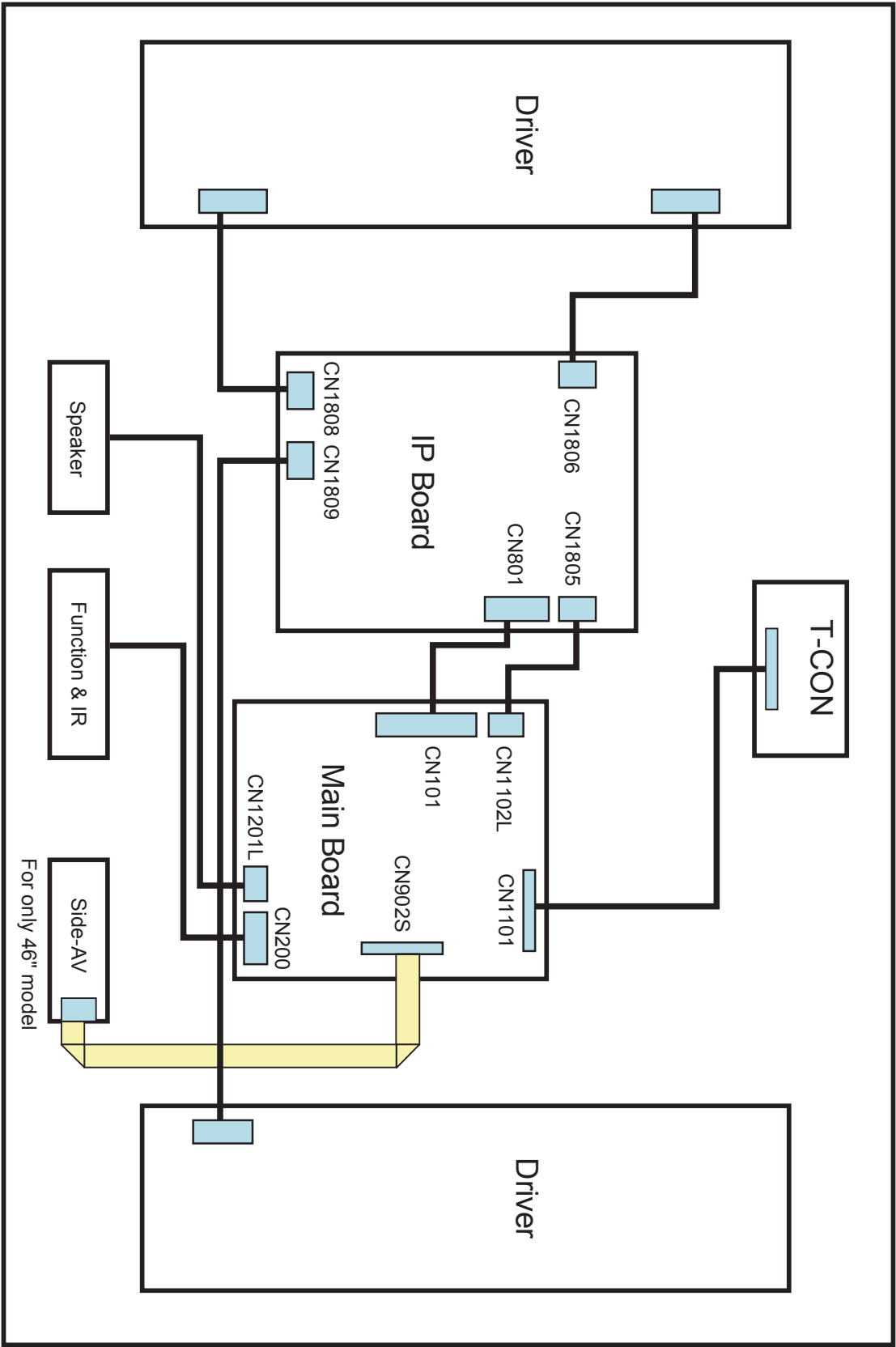


6. Wiring Diagram

6-1. Wiring Diagram



CN902(I/O Panel)

1	12V	22	NC
2	12V	23	RE [0]-
3	12V	24	RE [0]+
4	12V	25	RE [1]-
5	GND	26	RE [1]+
6	GND	27	RE [2]-
7	GND	28	RE [2]+
8	GND	29	RECLK-
9	RO [0]-	30	RECLK+
10	RO [0]+	31	RE [3]-
11	RO [1]-	32	RE [3]+
12	RO [1]+	33	RE [4]-
13	RO [2]-	34	RE [4]+
14	RO [2]+	35	NC
15	ROCLK-	36	NC
16	ROCLK+	37	SCL
17	RO [3]-	38	SDA
18	RO [3]+	39	WP
19	RO [4]-	40	LVDS OPTION
20	RO [4]+	41	DCC SEL
21	NC		

CN1102L(I/O Power Board)

1	SW_INVERTER
2	ANA_DIM
3	PWM_DIM
4	GND
5	SENSE_PWR

CN101(I/O Power Board)

1	NC	13	5V
2	SW_POWER	14	5V
3	GND	15	5V
4	STD_VCC	16	5V
5	GND	17	GND
6	GND	18	GND
7	18V	19	GND
8	18V	20	13V
9	GND	21	13V
10	GND	22	13V
11	GND	23	NC
12	GND	24	NC

JA1000(I/O HDMI1)

1	HDMI1_RX2+	12	HDMI1_RXCLK-
2	GND	13	NC
3	HDMI1_RX2-	14	NC
4	HDMI1_RX1+	15	HDMI1_DDC_SCL
5	GND	16	HDMI1_DDC_SDA
6	HDMI1_RX1-	17	GND
7	HDMI1_RX0+	18	5V
8	GND	19	5V
9	HDMI1_RX0-	20	GND
10	HDMI1_RXCLK+	21	GND
11	GND		

JA1002(I/O HDMI2)

1	HDMI2_RX2+	12	HDMI2_RXCLK-
2	GND	13	NC
3	HDMI2_RX2-	14	NC
4	HDMI2_RX1+	15	HDMI2_DDC_SCL
5	GND	16	HDMI2_DDC_SDA
6	HDMI2_RX1-	17	GND
7	HDMI2_RX0+	18	5V
8	GND	19	5V
9	HDMI2_RX0-	20	GND
10	HDMI2_RXCLK+	21	GND
11	GND		

JA901B(I/O HDMI3)

1	HDMI3_RX2+	11	GND
2	GND	12	HDMI3_RXCLK-
3	HDMI3_RX2-	13	HDMI_CEC
4	HDMI3_RX1+	14	NC
5	GND	15	HDMI2_DDC_SCL
6	HDMI3_RX1-	16	HDMI2_DDC_SDA
7	HDMI3_RX0+	17	GND
8	GND	18	5V
9	HDMI3_RX0-	19	5V
10	HDMI3_RXCLK+		

CN1000(I/O PC)

1	PC_RED	9	5V
2	PC_GREEN	10	PC_IDENT
3	PC_BLUE	11	GND
4	GND	12	EMU_SDA
5	GND	13	PC_HS_MICOM
6	GND	14	PC_VS_SVP
7	GND	15	EMU_SCL
8	GND		

JA1001(I/O PC Sound)

1	GND
2	PC_SR_IN
3	PC_SL_IN
4	PC_SL_IN
5	PC_SL_IN
6	PC_SR_IN
7	PC_SR_IN

CN1201(I/O Speaker)

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

OP800(I/O Optical Jack)

1	VIN
2	VCC
3	GND

CN803B(I/O USB)

1	USB_VCC
2	USB2_DN
3	USB2_DP
4	GND

CN801B(I/O S-Video2)

1	GND
2	GND
3	GND
4	SVHS2_Y
5	SVHS2_C
6	SVHS2_IDENT
7	GND

CN800B(I/O Video)

1	GND
2	VIDEO2_IDENT
3	VIDEO2_CVBS
4	GND
5	VIDEO2_SR_IN
6	VIDEO2_SL_IN
7	GND
8	VIDEO2_SL_IN
9	VIDEO2_SR_IN

JA702B(I/O Headphone)

1	GND
2	HP_OUT_L
3	HP_OUT_R
4	NC
5	HP_IDENT
6	GND
7	NC
8	HP_IDENT
9	GND
10	NC
11	NC

CN7002

1	COMP1_SR_IN
2	GND
3	COMP2_SL_IN
4	COMP1_SL_IN
5	COMP1_SR_IN
6	COMP2_PR
7	COMP1_PR
8	COMP2_PB
9	COMP1_PB
10	COMP1_IDENT
11	COMP2_Y
12	COMP1_Y
13	VIDEO1_IDENT
14	COMP2_SR_IN
15	MONITOR_SR_OUT
16	COMP2_SR_IN
17	MONITOR_SL_OUT
18	DVI_SR_IN
19	GND
20	COMP2_IDENT
21	DVI_SL_IN
22	DVI_SR_IN
23	T2OUT
24	T2OUT
25	GND
26	R2IN
27	R2IN

CN201(I/O Function/IR)

1	IR	6	KEY_INPUT1
2	GND	7	KEY_INPUT2
3	5V	8	GND
4	MSC_LA5V	9	MSDA_A5V
5	BUZZER	10	LED_CTLRL

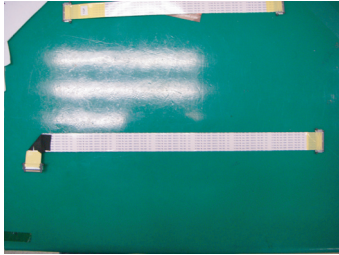
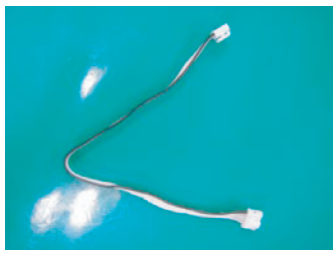
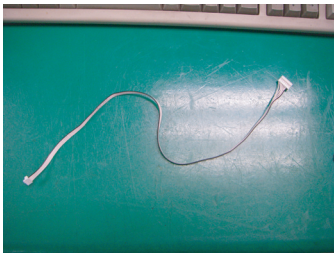
CN703S(I/O Side AV) (Just 46" model)

1	3.3V	22	HDMI3_IDENT
2	1.8V	23	HDMI3_IDENT
3	USB_VCC	24	HDMI_HPD_SINK
4	HP_OUT_L	25	HDMI3_DDC_SDA
5	HP_OUT_R	26	HDMI3_DDC_SCL
6	HP_IDENT	27	GND
7	VIDEO2_SL_IN	28	HDMI_CEC
8	VIDEO2_SR_IN	29	GND
9	GND	30	HDMI3_RXCLK-
10	VIDEO2_CVBS	31	HDMI3_RXCLK+
11	VIDEO2_IDENT	32	GND
12	GND	33	HDMI3_RX0-
13	SVHS2_C	34	HDMI3_RX0+
14	GND	35	GND
15	SVHS2_Y	36	HDMI3_RX1-
16	SVHS2_IDENT	37	HDMI3_RX1+
17	GND	38	GND
18	USB2_DN	39	HDMI3_RX2-
19	USB2_DP	40	HDMI3_RX2+
20	GND	41	GND
21	DDC_WP		

6-2. Connector Functions

Connector	Functions
CN1101 ↔ T-CON	The LVDS signal transfored from Main voard to T-CON Trouble : No Video
CN101 ↔ CN801	Supply Main power from IP board to main board Trouble : No power
CN1102L ↔ CN1805	Supply dimming power from IP board to main board Trouble : No video, No backlight on
CN1806 ↔ Driver	The panel signal transfored from IP to Panel Driver Trouble : Problem on backlight
CN902S ↔ Side-AV (Only 46")	The signal transfored from main board to Side-AV Trouble : Not detect Side-AV

6-3. Cables

Code	BN96-07161A (CN1101)	BN39-00802F (CN101)	BN39-00674A (CN1102L)
Photo			
Code	BN39-00830A (CN1806)	BN96-06678A (CN902S) - Only 46"	
Photo			

Memo