

## 8 Wiring Diagram

### 8-1 Wiring Diagram

CN902(to 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		

CN903L(to Power Board)

1	SW_INVERTER
2	ANA_DIM
3	PWM_DIM
4	GND
5	SENSE_PWR

CN101(to 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

JA804(to DVI Sound)

1	GND
2	DVI_SR_IN
3	DVI_SL_IN
4	GND
5	DVI_SL_IN
6	DVI_SR_IN

JA604(to Component1)

1	GND
2	COMP1_SR_IN
3	COMP1_SL_IN
4	GND
5	COMP1_SL_IN
6	COMP1_SR_IN

JA607(to Component2)

1	GND
2	COMP2_SR_IN
3	COMP2_SL_IN
4	GND
5	COMP2_SL_IN
6	COMP2_SR_IN

JA601(to Component1)

1	GND
2	COMP1_IDENT
3	COMP1_Y
4	GND
5	COMP1_PB
6	COMP1_PB
7	GND
8	COMP1_PR
9	COMP1_PR

JA606(to Component2)

1	GND
2	COMP2_IDENT
3	COMP2_Y
4	GND
5	COMP2_PB
6	COMP2_PB
7	GND
8	COMP2_PR
9	COMP2_PR

JA801(to 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		

JA803(to 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		

JA701B(to 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+		

CN801(to 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		

JA802(to 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

JA608(to Sound Output)

1	GND
2	MONITOR_SL_OUT
3	MONITOR_SL_OUT
4	GND
5	MONITOR_SR_OUT
6	MONITOR_SR_OUT

CN401(to Speaker)

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

OP601(to Optical Jack)

1	VIN
2	VCC
3	GND

JA602(to Video1)

1	GND
2	VIDEO1_IDENT
3	VIDEO1_CVBS
4	GND
5	VIDEO1_SR_IN
6	VIDEO1_SL_IN
7	GND
8	VIDEO1_SL_IN
9	VIDEO1_SR_IN

JA605(to S-Video1)

1	SVHS1_C
2	SVHS1_Y
3	GND
4	GND
5	SVHS1_IDENT
6	GND

JA609(to Service Jack)

1	GND
2	R2IN
3	T2OUT
4	T2OUT
5	T2OUT
6	R2IN
7	R2IN

CN704B(to USB)

1	USB_VCC
2	USB2_DN
3	USB2_DP
4	GND

JA702B(to 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

CN701B(to Video2)

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

CN702B(to S-Video2)

1	GND
2	GND
3	GND
4	SVHS2_C
5	SVHS2_Y
6	NC
7	GND
8	SVHS2_IDENT
9	NC
10	GND
11	SVHS2_IDENT

CN201(to Function/IR)

1	IR	6	KEY_INPUT1
2	GND	7	KEY_INPUT2
3	5V	8	GND
4	LED_STB	9	5V
5	BUZZER	10	LED_CTRL

CN703S(to Side AV)

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		

## Memo