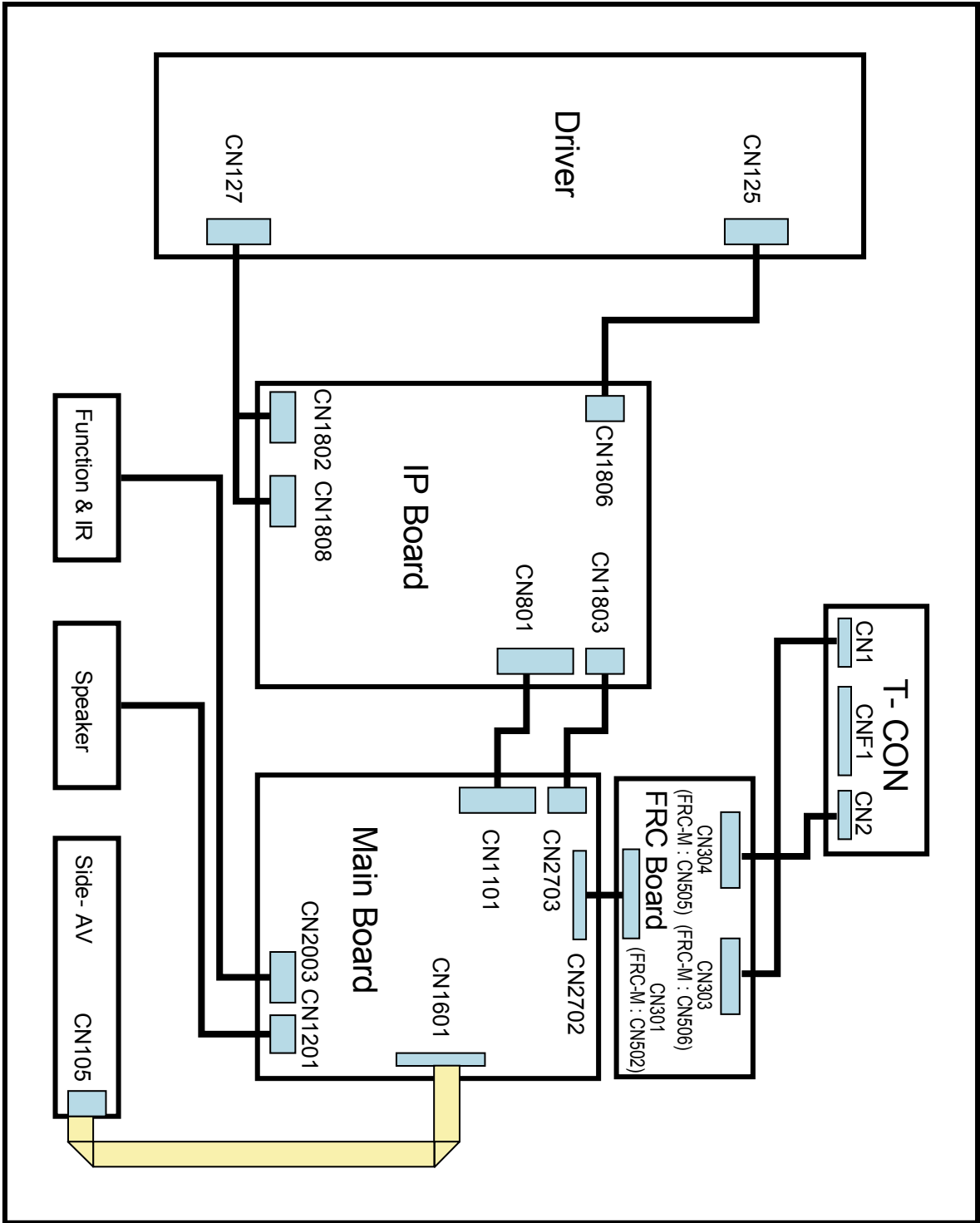
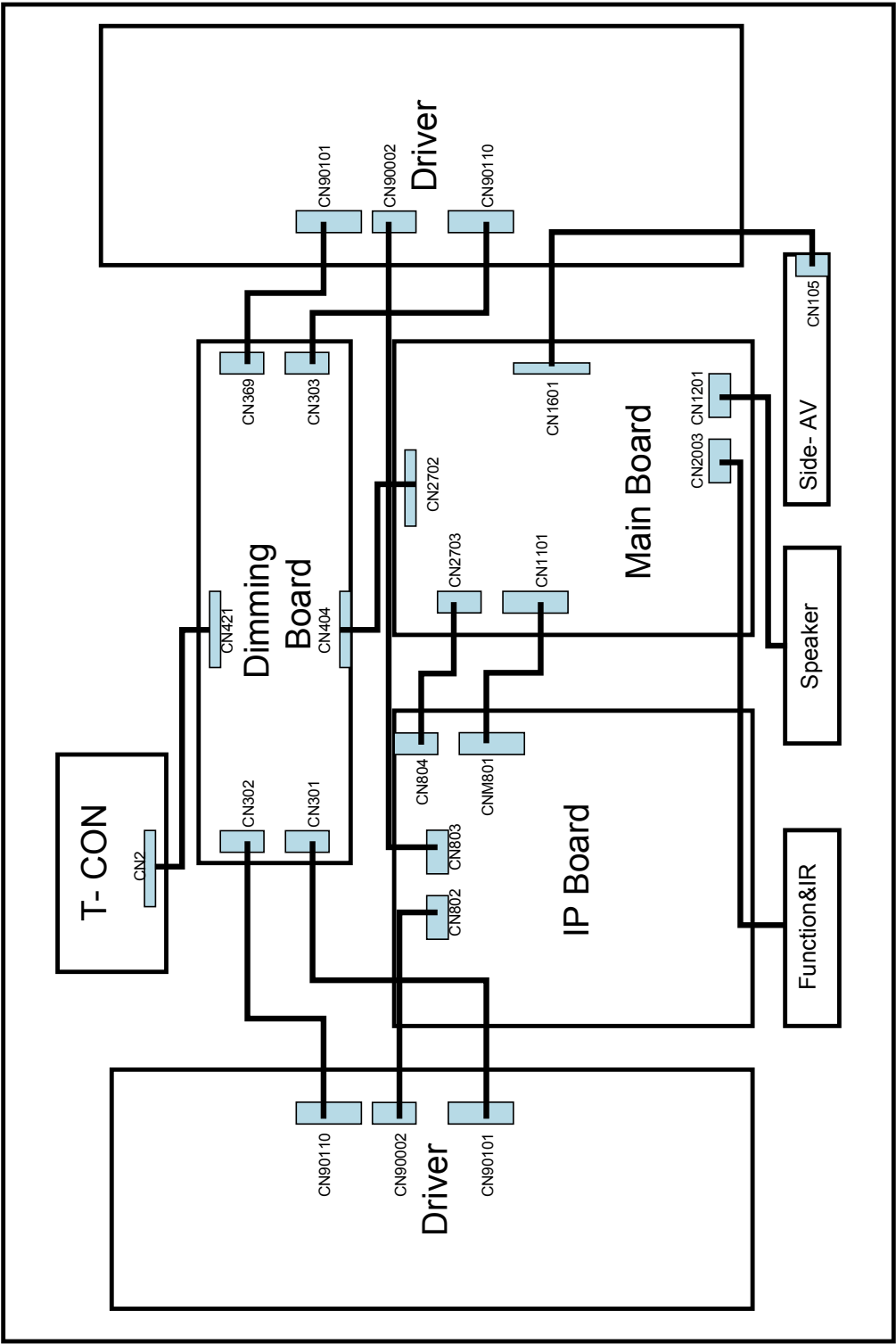


6. Wiring Diagram

6-1. PEONY Wiring Diagram



6-2. ROSE Wiring Diagram



|                  |         |    |             |  |
|------------------|---------|----|-------------|--|
| CN1103(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      |    |             |  |

|                     |                 |  |  |  |
|---------------------|-----------------|--|--|--|
| DIMMING(CN2703_LCD) |                 |  |  |  |
| 1                   | SW_INVERTER     |  |  |  |
| 2                   | ANA_DIMMING_OUT |  |  |  |
| 3                   | PWM_DIMMING_OUT |  |  |  |
| 4                   | GND             |  |  |  |
| 5                   | NC              |  |  |  |

|               |          |    |      |  |
|---------------|----------|----|------|--|
| POWER(CN1101) |          |    |      |  |
| 1             | NC       | 13 | BSV  |  |
| 2             | SW_POWER | 14 | BSV  |  |
| 3             | PGND     | 15 | BSV  |  |
| 4             | ASV      | 16 | BSV  |  |
| 5             | GND      | 17 | PGND |  |
| 6             | GND      | 18 | PGND |  |
| 7             | B18VS    | 19 | PGND |  |
| 8             | B18VS    | 20 | B13  |  |
| 9             | PGND     | 21 | B13  |  |
| 10            | PGND     | 22 | B13  |  |
| 11            | PGND     | 23 | NC   |  |
| 12            | PGND     | 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    |  |  |  |

|                      |             |  |  |  |
|----------------------|-------------|--|--|--|
| 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+ |    |               |  |

|               |          |    |            |  |
|---------------|----------|----|------------|--|
| CN1101(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_MCOM |  |
| 6             | GND      | 14 | PC_VS_SVP  |  |
| 7             | GND      | 15 | EMU_SCL    |  |
| 8             | GND      |    |            |  |

|                    |          |  |  |  |
|--------------------|----------|--|--|--|
| JA602(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 |  |  |  |

|                   |        |  |  |  |
|-------------------|--------|--|--|--|
| SOUND AMP(CN1201) |        |  |  |  |
| 1                 | R+ OUT |  |  |  |
| 2                 | R- OUT |  |  |  |
| 3                 | L+ OUT |  |  |  |
| 4                 | L- OUT |  |  |  |

|                        |     |  |  |  |
|------------------------|-----|--|--|--|
| 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 |  |  |  |

| Function(CN2003) |         |    |            |
|------------------|---------|----|------------|
| 1                | IR      | 6  | KEY_INPUT1 |
| 2                | GND     | 7  | KEY_INPUT2 |
| 3                | ASV     | 8  | MSDA_3V    |
| 4                | MSCL_5V | 9  | MSDA_5V    |
| 5                | BUZZER  | 10 | LED_CNTR   |

|        |                 |    |                |
|--------|-----------------|----|----------------|
| CN1601 |                 |    |                |
| 1      | B 3.VD          | 22 | IDENT_HDMI3    |
| 2      | B 1.8V_SIDE     | 23 | IDENT_HDMI3    |
| 3      | USB_5V          | 24 | HDMI3_HPD_SINK |
| 4      | HP_OUT_L        | 25 | HDMI3_DDC_SDA  |
| 5      | HP_OUT_R        | 26 | HDMI3_DDC_SCL  |
| 6      | IDENT_HP        | 27 | DGND_IN        |
| 7      | SIDE_AV_SL_IN   | 28 | HDMI_CEC       |
| 8      | SIDE_AV_SR_IN   | 29 | DGND_IN        |
| 9      | DGND_IN         | 30 | HDMI3_RXCLK+   |
| 10     | AV2_CVBS        | 31 | HDMI3_RXCLK+   |
| 11     | IDENT_SIDE_AV   | 32 | DGND_IN        |
| 12     | DGND_IN         | 33 | HDMI3_RX0-     |
| 13     | AV2_SIDE_AV     | 34 | HDMI3_RX0-     |
| 14     | DGND_IN         | 35 | DGND_IN        |
| 15     | AV2_SIDE_Y      | 36 | HDMI3_RX1+     |
| 16     | IDENT_SIDE_SVHS | 37 | HDMI3_RX1+     |
| 17     | DGND_IN         | 38 | DGND_IN        |
| 18     | USB_DM2         | 39 | HDMI3_RX2+     |
| 19     | USB_DP2         | 40 | HDMI3_RX2+     |
| 20     | DGND_IN         | 41 | DGND_IN        |
| 21     | DDC_WP          |    |                |

|                  |              |    |                 |
|------------------|--------------|----|-----------------|
| LVDS(CN2702_FHD) |              |    |                 |
| 1                | PANEL_VCC    | 22 | FBE_ODD_TX6+    |
| 2                | PANEL_VCC    | 23 | FBE_EVEN_TX0+   |
| 3                | PANEL_VCC    | 24 | FBE_EVEN_TX0+   |
| 4                | PANEL_VCC    | 25 | FBE_EVEN_TX1+   |
| 5                | GND          | 26 | FBE_EVEN_TX1+   |
| 6                | GND          | 27 | FBE_EVEN_TX2-   |
| 7                | GND          | 28 | FBE_EVEN_TX2+   |
| 8                | GND          | 29 | FBE_EVEN_TXCLK+ |
| 9                | FBE_ODD_TX0- | 30 | FBE_EVEN_TXCLK+ |
| 10               | FBE_ODD_TX0+ | 31 | FBE_EVEN_TX3-   |
| 11               | FBE_ODD_TX1- | 32 | FBE_EVEN_TX3+   |
| 12               | FBE_ODD_TX1+ | 33 | FBE_EVEN_TX4-   |
| 13               | FBE_ODD_TX2- | 34 | FBE_EVEN_TX4+   |
| 14               | FBE_ODD_TX2+ | 35 | VUVD            |
| 15               | FBE_ODD_CLK- | 36 | FRPGA_RESET     |
| 16               | FBE_ODD_CLK+ | 37 | UX_PANEL_SDA0   |
| 17               | FBE_ODD_TX3- | 38 | UX_PANEL_SCL0   |
| 18               | FBE_ODD_TX3+ | 39 | UX_PANEL_CTRL2  |
| 19               | FBE_ODD_TX4- | 40 | UX_PANEL_PVCC   |
| 20               | FBE_ODD_TX4+ | 41 | UX_PANEL_CTRL1  |
| 21               | FBE_ODD_TX5- |    |                 |

|                 |              |    |              |
|-----------------|--------------|----|--------------|
| CN3030to Panel) |              |    |              |
| 1               | GND          | 22 | PO_TX1_TDN   |
| 2               | GND          | 23 | GND          |
| 3               | GND          | 24 | PO_TX1_TCLKP |
| 4               | PO_TX2_TEP   | 25 | PO_TX1_TCLKN |
| 5               | PO_TX2_TEN   | 26 | GND          |
| 6               | PO_TX2_TDP   | 27 | PO_TX1_TCP   |
| 7               | PO_TX2_TDN   | 28 | PO_TX1_TCN   |
| 8               | GND          | 29 | PO_TX1_TBP   |
| 9               | PO_TX2_TCLKP | 30 | PO_TX1_TBN   |
| 10              | PO_TX2_TCLKN | 31 | PO_TX1_TAP   |
| 11              | GND          | 32 | PO_TX1_TCN   |
| 12              | PO_TX2_TCP   | 33 | GND          |
| 13              | PO_TX2_TCN   | 34 | GND          |
| 14              | PO_TX2_TBP   | 35 | GND          |
| 15              | PO_TX2_TBN   | 36 | GND          |
| 16              | PO_TX2_TAP   | 37 | PANEL_VCC    |
| 17              | PO_TX2_TAN   | 38 | PANEL_VCC    |
| 18              | GND          | 39 | PANEL_VCC    |
| 19              | PO_TX2_TEP   | 40 | PANEL_VCC    |
| 20              | PO_TX2_TEN   | 41 | PANEL_VCC    |
| 21              | PO_TX2_TDP   |    |              |

|                       |              |    |              |
|-----------------------|--------------|----|--------------|
| CN506(FRC-M to Panel) |              |    |              |
| 1                     | PANEL_VCC    | 22 | PO_TX2_TEN   |
| 2                     | PANEL_VCC    | 23 | PO_TX2_TEP   |
| 3                     | PANEL_VCC    | 24 | GND          |
| 4                     | PANEL_VCC    | 25 | PO_TX2_TAN   |
| 5                     | PANEL_VCC    | 26 | PO_TX2_TAP   |
| 6                     | GND          | 27 | PO_TX2_TBN   |
| 7                     | GND          | 28 | PO_TX2_TBP   |
| 8                     | GND          | 29 | PO_TX2_TCN   |
| 9                     | GND          | 30 | PO_TX2_TCP   |
| 10                    | PO_TX1_TAN   | 31 | GND          |
| 11                    | PO_TX1_TAP   | 32 | PO_TX2_TCLKN |
| 12                    | PO_TX1_TBN   | 33 | PO_TX2_TCLKP |
| 13                    | PO_TX1_TBP   | 34 | GND          |
| 14                    | PO_TX1_TCN   | 35 | PO_TX2_TDN   |
| 15                    | PO_TX1_TCP   | 36 | PO_TX2_TDP   |
| 16                    | GND          | 37 | PO_TX2_TEN   |
| 17                    | PO_TX1_TCLKN | 38 | PO_TX2_TEP   |
| 18                    | PO_TX1_TCLKP | 39 | GND          |
| 19                    | GND          | 40 | GND          |
| 20                    | PO_TX1_TDN   | 41 | GND          |
| 21                    | PO_TX2_TDP   |    |              |

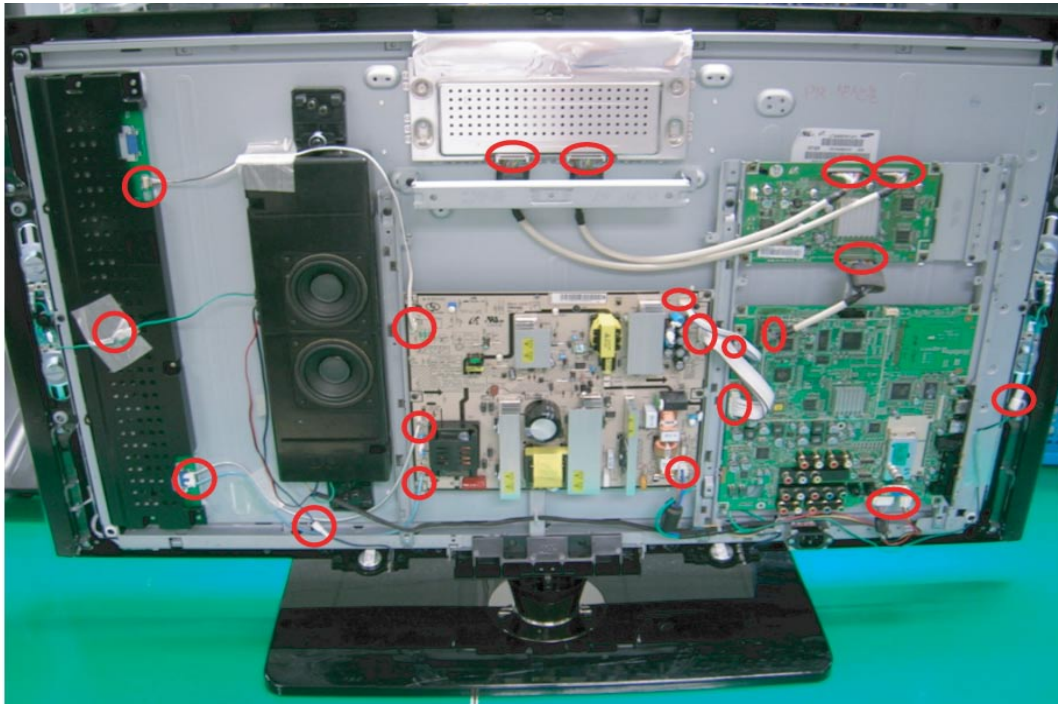
|                       |         |    |             |
|-----------------------|---------|----|-------------|
| CN502 (Main to FRC-M) |         |    |             |
| 1                     | 12V     | 22 | NC          |
| 2                     | 12V     | 23 | RE [4]+     |
| 3                     | 12V     | 24 | RE [4]-     |
| 4                     | 12V     | 25 | RE [3]+     |
| 5                     | GND     | 26 | RE [3]-     |
| 6                     | GND     | 27 | RECLK+      |
| 7                     | GND     | 28 | RECLK-      |
| 8                     | GND     | 29 | RE [2]+     |
| 9                     | R0 [4]+ | 30 | RE [2]-     |
| 10                    | R0 [3]+ | 31 | RE [1]+     |
| 11                    | R0 [3]- | 32 | RE [1]-     |
| 12                    | R0 [3]- | 33 | RE [0]+     |
| 13                    | ROCLK+  | 34 | RE [0]-     |
| 14                    | ROCLK-  | 35 | NC          |
| 15                    | R0 [2]+ | 36 | NC          |
| 16                    | R0 [2]- |    | SCL         |
| 17                    | R0 [1]+ | 37 | SDA         |
| 18                    | R0 [1]- | 38 | WP          |
| 19                    | R0 [0]+ | 39 | LVDS Option |
| 20                    | R0 [0]- | 40 |             |
| 21                    | NC      | 41 | DDC SEL     |

|                 |              |    |              |
|-----------------|--------------|----|--------------|
| CN3040to Panel) |              |    |              |
| 1               | NC           | 26 | PO_TX4_TAP   |
| 2               | NC           | 27 | PO_TX4_TAN   |
| 3               | NC           | 28 | GND          |
| 4               | NC           | 29 | PO_TX3_TEP   |
| 5               | NC           | 30 | PO_TX3_TEN   |
| 6               | NC           | 31 | PO_TX3_TDP   |
| 7               | LVDS_FORMAT  | 32 | PO_TX1_TDN   |
| 8               | NC           | 33 | GND          |
| 9               | NC           | 34 | PO_TX3_TCLKP |
| 10              | 3.3V         | 35 | PO_TX3_TCLKN |
| 11              | NC           | 36 | GND          |
| 12              | NC           | 37 | PO_TX3_TCP   |
| 13              | GND          | 38 | PO_TX3_TCN   |
| 14              | PO_TX4_TEP   | 39 | PO_TX3_TBP   |
| 15              | PO_TX4_TEN   | 40 | PO_TX3_TBN   |
| 16              | PO_TX4_TDP   | 41 | PO_TX3_TAP   |
| 17              | PO_TX4_TDN   | 42 | PO_TX3_TAN   |
| 18              | GND          | 43 | GND          |
| 19              | PO_TX4_TCLKP | 44 | GND          |
| 20              | PO_TX4_TCLKN | 45 | GND          |
| 21              | GND          | 46 | GND          |
| 22              | PO_TX4_TCP   | 47 | PANEL_VCC    |
| 23              | PO_TX4_TCN   | 48 | PANEL_VCC    |
| 24              | PO_TX4_TBP   | 49 | PANEL_VCC    |
| 25              | PO_TX4_TBN   | 50 | PANEL_VCC    |
|                 |              | 51 | PANEL_VCC    |

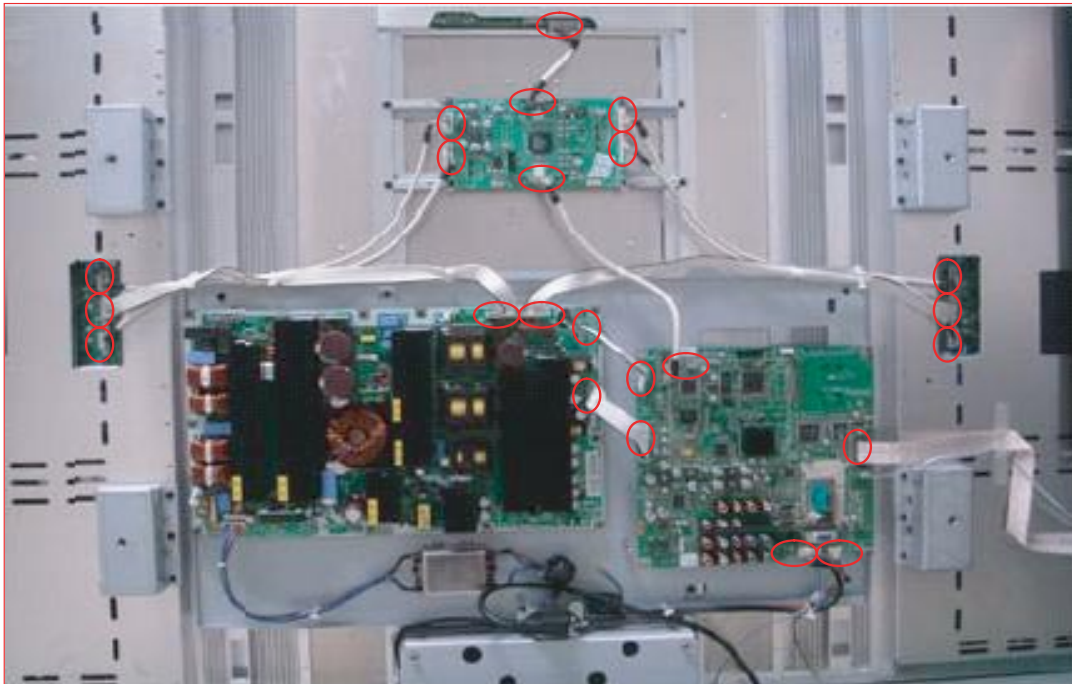
|                        |              |    |              |
|------------------------|--------------|----|--------------|
| CN505 (FRC-M to Panel) |              |    |              |
| 1                      | PANEL_VCC    | 26 | PO_TX4_TBP   |
| 2                      | PANEL_VCC    | 27 | PO_TX4_TCN   |
| 3                      | PANEL_VCC    | 28 | PO_TX4_TCP   |
| 4                      | PANEL_VCC    | 29 | GND          |
| 5                      | PANEL_VCC    | 30 | PO_TX4_TCLKN |
| 6                      | GND          | 31 | PO_TX4_TCLKP |
| 7                      | GND          | 32 | GND          |
| 8                      | GND          | 33 | PO_TX4_TDN   |
| 9                      | GND          | 34 | PO_TX4_TDP   |
| 10                     | PO_TX3_TAN   | 35 | PO_TX4_TEN   |
| 11                     | PO_TX3_TAP   | 36 | PO_TX4_TEP   |
| 12                     | PO_TX3_TBN   | 37 | GND          |
| 13                     | PO_TX3_TBP   | 38 | NC           |
| 14                     | PO_TX3_TCN   | 39 | NC           |
| 15                     | PO_TX3_TCP   | 40 | 3.3V         |
| 16                     | GND          | 41 | NC           |
| 17                     | PO_TX3_TCLKN | 42 | NC           |
| 18                     | PO_TX3_TCLKP | 43 | LVDS_FORMAT  |
| 19                     | PO_TX3_TDP   | 44 | NC           |
| 20                     | PO_TX3_TEN   | 45 | NC           |
| 21                     | PO_TX3_TEP   | 46 | NC           |
| 22                     | GND          | 47 | NC           |
| 23                     | PO_TX4_TAN   | 48 | NC           |
| 24                     | PO_TX4_TAP   | 49 | NC           |
| 25                     | PO_TX4_TBN   | 50 | NC           |
|                        |              | 51 | NC           |

### 6-3. Wiring Picture

#### 6-3-1. PEONY Wiring Picture



#### 6-3-2. Rose Wiring Picture




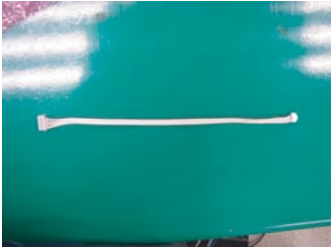
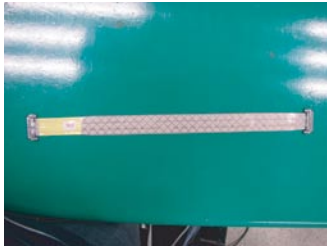








## 6-4. Connector Functions






| Connector                       | Functions   |
|---------------------------------|---|
| CN303(FRC-M : CN506) <-> CN1    | The LVDS signal transfered from FRC Board to Panel(41pin).<br>* defective symptom : abnormal Picture        |
| CN304(FRC-M : CN505) <-> CN2    | The LVDS signal transfered from FRC Board to Panel(51pin).<br>* defective symptom : abnormal Picture        |
| CN2702 <-> CN301(FRC-M : CN502) | The LVDS signal transfered from Main Board to FRC Board.<br>* defective symptom : No picture                |
| CN1101 <-> CN801                | Supply main power from IP board to Main Board.<br>* defective symptom : No picture, disable Power On/Off    |
| CN2703 <-> CN1803               | Supply dimming power from IP board to Main Board.<br>* defective symptom : No picture but normal sound      |
| CN1806 <-> CN125                | Supply power and signal from IP board to Panel Driver.<br>* defective symptom : No picture but normal sound |
| CN1601 <-> CN105                | The signal transfered from Main Board to Side-AV.<br>* defective symptom : cannot any functions of SIDE AV  |
| CN1808 <-> CN127                | Supply power from IP board to Driver Board(left).<br>* defective symptom : No picture but normal sound      |

## 6-5. Cables

### 6-5-1. Peony Cables

|       |   |  |   |
|-------|---|--|---|
| Code  | BN39-00977B   | BN39-00802B  | BH39-00362B   |
| Photo |    |    |    |
| Code  | BN39-00829A   | BN96-05164A  | BN39-00716J   |
| Photo |    |    |    |
| Code  | BN39-00956B (41P 450mm)   | BN39-00957A (51P 350mm)  | BN39-00985A<br>(FRC-M, 51P 400mm)   |
| Photo |  |  |  |
| Code  | BN39-00986A<br>(FRC-M, 41P 200mm)   | BN39-00987A<br>(FRC-M, 41P 400mm)  |   |
| Photo |  |  |   |

**6-5-2. Rose Cables**

|       |   |  |   |
|-------|---|--|---|
| Use   | CNM801 ↔ CN1101   | CN1601 ↔ CN105   | CN404 ↔ CN2702  |
| Code  | BN39-00802B   | BN96-05176A  | BN39-00945B   |
| Photo |    |    |    |
| Use   | CN404 ↔ CN2702  | CN804 ↔ CN2703   | CN106 ↔ CN1602  |
| Code  | BN39-00925A   | BP39-00177B  | BN39-00948A   |
| Photo |    |    |    |
| Use   | CN803 ↔ CN90002<br>CN802 ↔ CN90002  | CN302 ↔ CN90110<br>CN303 ↔ CN90110   | CN300 ↔ CN90101<br>CN301 ↔ CN90101  |
| Code  | BN39-00924A   | BN39-00926A  | BN39-00927A   |
| Photo |  |  |  |