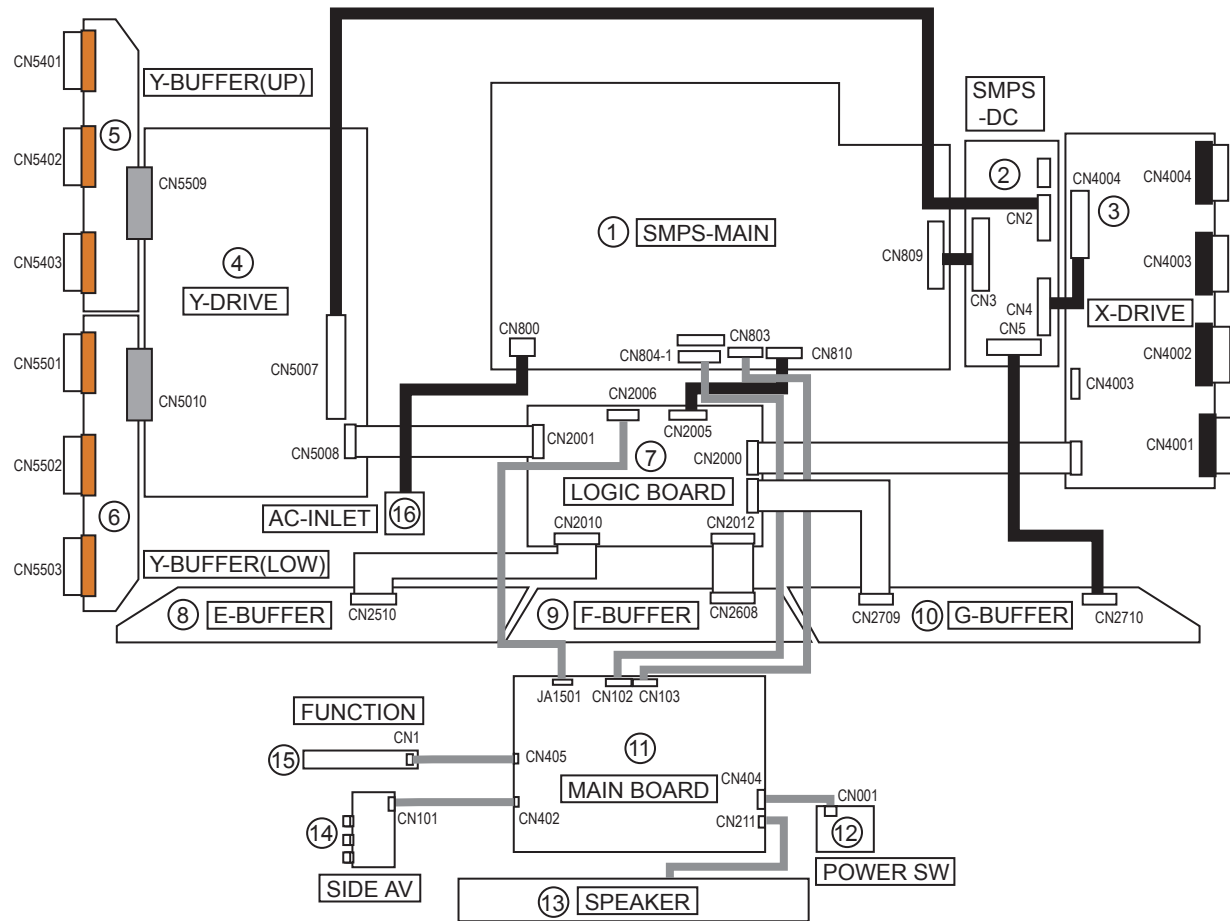


## 8. Wiring Diagram

### 8-1 Overall Wiring

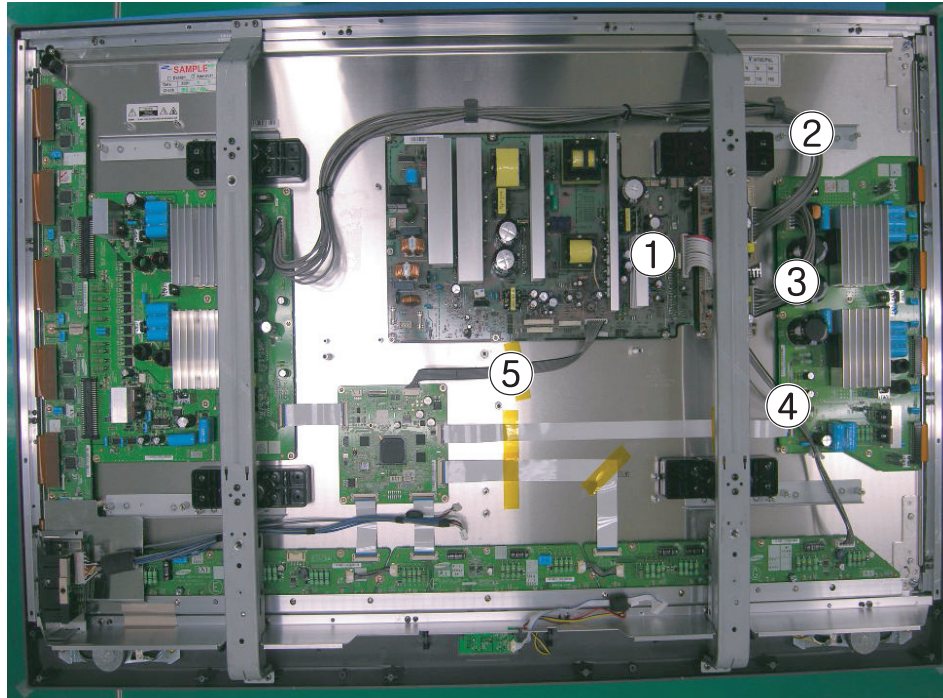
※ The ASS'Y code can be changed, see "5 Chapter. Electrical Part List."



| No | Assy                                | Code No.    | Description   |
|----|-------------------------------------|-------------|---|
| -  | ASSY PDP MODULE P                   | BN96-03290A | M1,50HD,V5.1,1366*768,NTSC/PAL,complementary color,with logic |
| ①  | ASSY PCB P-SMPS                     | BN96-03051A | HPS5053,Free Voltage,245*395                                  |
| ②  | ASSY PCB P-SMPS                     | BN96-01856A | SPD-50P5HD(DC_DC),200Vin(DC_DC)                               |
| ③  | ASSY PDP MODULE P-X MAIN BOARD      | BN96-03359A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,LJ92-01388A            |
| ④  | ASSY PDP MODULE P-Y MAIN BOARD      | BN96-03360A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,LJ92-01381A            |
| ⑤  | ASSY PDP MODULE P-Y MAIN UPPER SCAN | BN96-03361A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,LJ92-01383A            |
| ⑥  | ASSY PDP MODULE P-Y MAIN LOWER SCAN | BN96-03362A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,LJ92-01384A            |
| ⑦  | ASSY PDP MODULE P-LOGIC MAIN BOARD  | BN96-03366A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,sec/sesk,LJ92-         |
| ⑧  | ASSY PDP P-ADDRESS E BUFFER         | BN96-03363A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,LJ92-01372A            |
| ⑨  | ASSY PDP P-ADDRESS F BUFFER         | BN96-03364A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,LJ92-01373A            |
| ⑩  | ASSY PDP P-ADDRESS G BUFFER         | BN96-03365A | 50HD,PL50HW006A,V5.1,1366*768,NTSC/PAL,LJ92-01374A            |
| ⑪  | ASSY PCB MISC-MAIN                  | BN94-00957A | PS50C7HX/XEC,D74A   |
| ⑫  | ASSY BOARD P-POWER&IR               | BN96-03320A | CADILLAC,SJ05-01-516,POWER & IR,CORE, 250MM                   |
| ⑬  | ASSY SPEAKER P                      | BN96-02785A | 8ohm,Twister,42inch,10W                                       |
| ⑭  | ASSY BOARD P-SIDE AV                | BN96-03075G | AUDI,SJ06-01-004G,SIDE-AV,500MM                               |
| ⑮  | ASSY BOARD P-FUNCTION               | BN96-02784B | CADILLAC,SJ06-01-006,FUNCTION,600MM, CORE                     |
| ⑯  | FILTER-EMI AC LINE                  | 2901-001340 | 250V,6A,-,-,50x22.5x37.2mm,BK,AE                              |

## 8-2 Partial Wiring

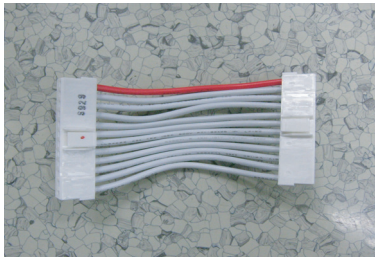

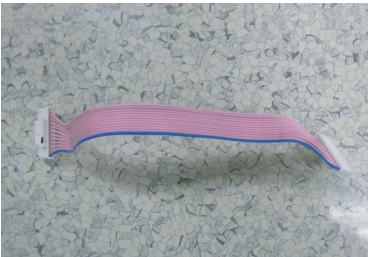
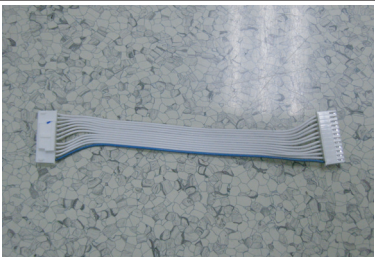
### 8-2-1 PDP Module ↔ SMPS Wiring



| ①<br>CN809(Main SMPS)<br>↔<br>CN3(DC-DC SMPS) |        | ②<br>CN2(DC-DC SMPS)<br>↔<br>CN5007(Y B'D) |        | ③<br>CN4(DC-DC SMPS)<br>↔<br>CN4000(X B'D) |        | ④<br>CN5(DC-DC SMPS)<br>↔<br>CN2710(F-Buffer) |        | ⑤<br>CN809(Main SMPS)<br>↔<br>CN2005(Logic B'D) |        |
|---|--------|--|--------|--|--------|---|--------|---|--------|
| Pin No.                                       | Signal | Pin No.                                    | Signal | Pin No.                                    | Signal | Pin No.                                       | Signal | Pin No.   | Signal |
| 1   | D5.3V  | 1  | D5.3V  | 1  | D5.3V  | 1   | RTN    | 1   | STD 5V |
| 2   | Vg     | 2  | Vg     | 2  | Vg     | 2   | N.C    | 2   | Vs-ON  |
| 3   | RTN    | 3  | RTN    | 3  | RTN    | 3   | D5.3V  | 3   | N.C    |
| 4   | RTN    | 4  | Vscan  | 4  | RTN    | 4   | N.C    | 4   | PS-ON  |
| 5   | RTN    | 5  | RTN    | 5  | Ve     | 5   | Va     | 5   | RTN    |
| 6   | RTN    | 6  | Vset   | 6  | RTN    |   |        | 6   | D5.3V  |
| 7   | RTN    | 7  | RTN    | 7  | RTN    |   |        | 7   | RTN    |
| 8   | Va     | 8  | RTN    | 8  | Vs     |   |        | 8   | RTN    |
| 9   | Va     | 9  | Vs     | 9  | Vs     |   |        | 9   | D5.3V  |
| 10  | N.C    | 10   | Vs     |  |        |   |        | 10  | D5.3V  |
| 11  | Vs     |  |        |  |        |   |        |   |        |
| 12  | Vs     |  |        |  |        |   |        |   |        |

## 8-2-2 Connect Cables

※ The code number of cable(Lead-connector) can be changed, see "5 Chapter. Electrical Part List."

|       |   |  |   |
|-------|---|--|---|
| Use   | SMPS 12P  | LVDS 31P   | POWER 10P   |
| Code  | BN39-00632A   | BN39-00477A  | BP39-00053E   |
| Photo |  |  |  |
| Use   | POWER 12P   |  |   |
| Code  | MD39-00074G   |  |   |
| Photo |  |  |   |

# MEMO