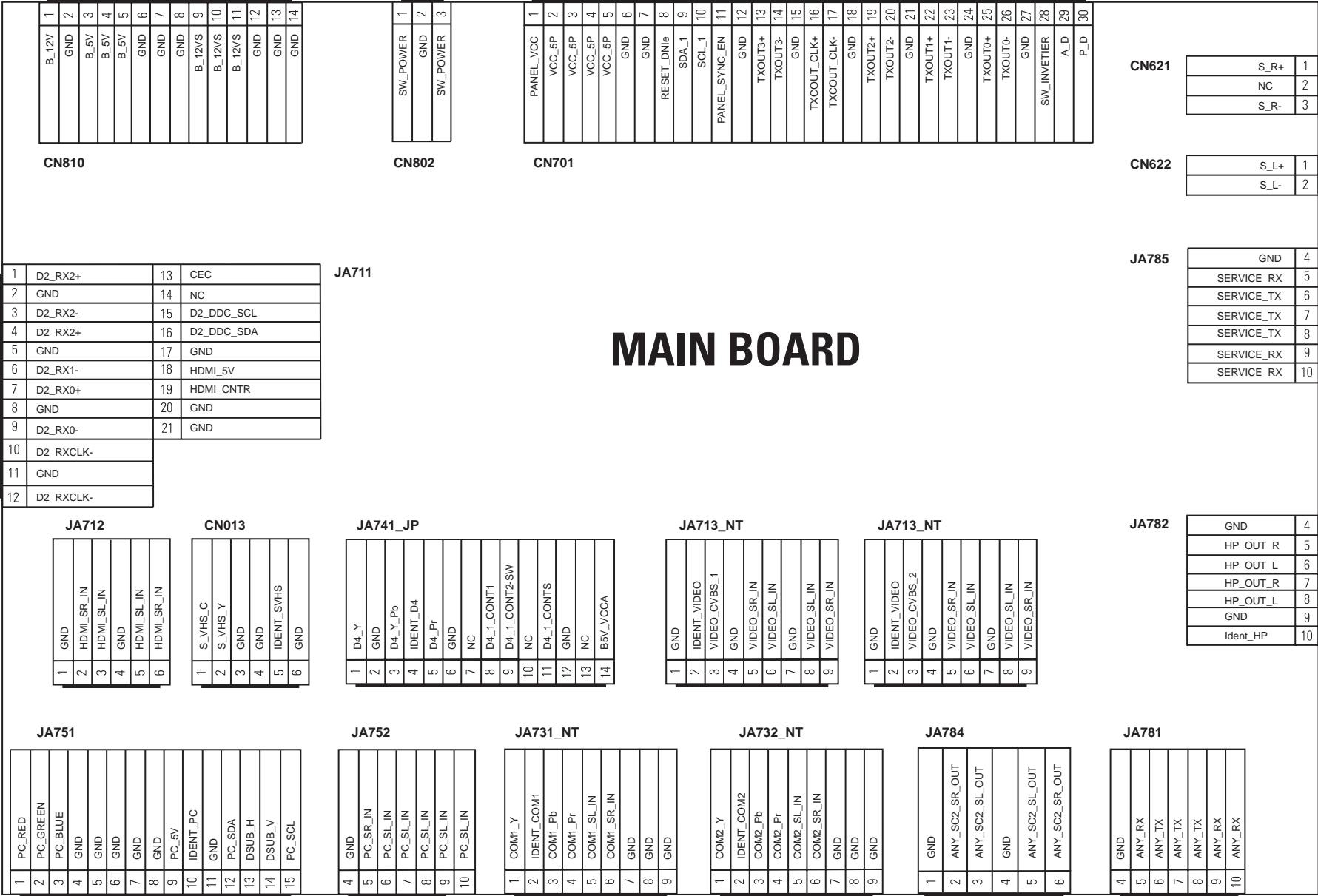
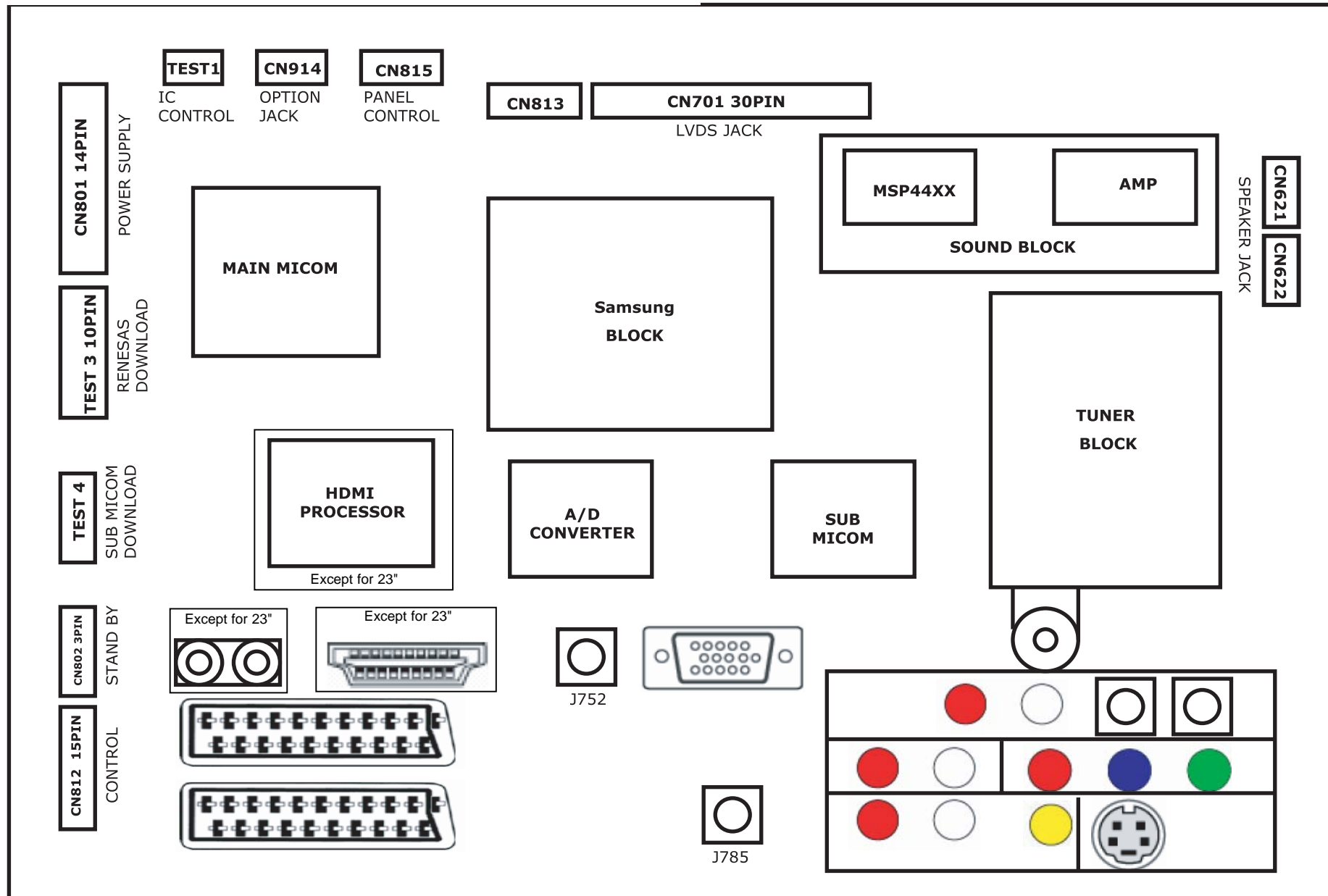


9 Wiring Diagram

9-1 LE23R51B, LE26R51B,LE32R51B,LE40R51B Wiring Diagram



9-2 Main Board Layout



9-2 PIN characteristic

CN801- Main Board power supply

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	12V	GND	5V	5V	5V	GND	GND	GND	12VS	12VS	12VS	GND	GND	GND

FUNCTIONING DEFINE:

```
-- 12V      B5V_VCCA  B5V_VCCB  IC611 POWER SUPPLY
-- 5V       B5V      B3.3V   B2.5V_VDD  B3.3VD  VCC50
-- 12VS     B12VS
```

CN802-stand by supply

PIN	1	2	3
NAME	POWER	GND	SW_POWER
VOLTAGE	6V	0V	ON/OFF

FUNCTIONING DEFINE:

```
-- POWER 6V      STAND BY 5V , Sub-MICOM power supply
-- SW_POWER      L: Power OFF , H: Power ON
```

CN621/CN622-SPEAKER CONNECTOR

PIN	1	2	3
NAME	R-OUT	NOP	R-REFERENCE

PIN	1	2
NAME	L-OUT	L-REFERENCE

CN812-Front control

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NAME	GND	GND	A5V	-	KEY INPUT1	KEY INPUT2	GND	-	IR	-	LED_GREEN	LED_RED	GND	SDA	SCL

FUNCTIONING DEFINE:

```
-- A5V          Front control board power supply
-- KEY INPUT1,2/SDA/SCL  key control, form the Menu , channel up/down Etc.
-- IR           remote control signal
-- LED_GREEN/LED_RED  control the timing and standby LED color
```

CN815-panel control

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

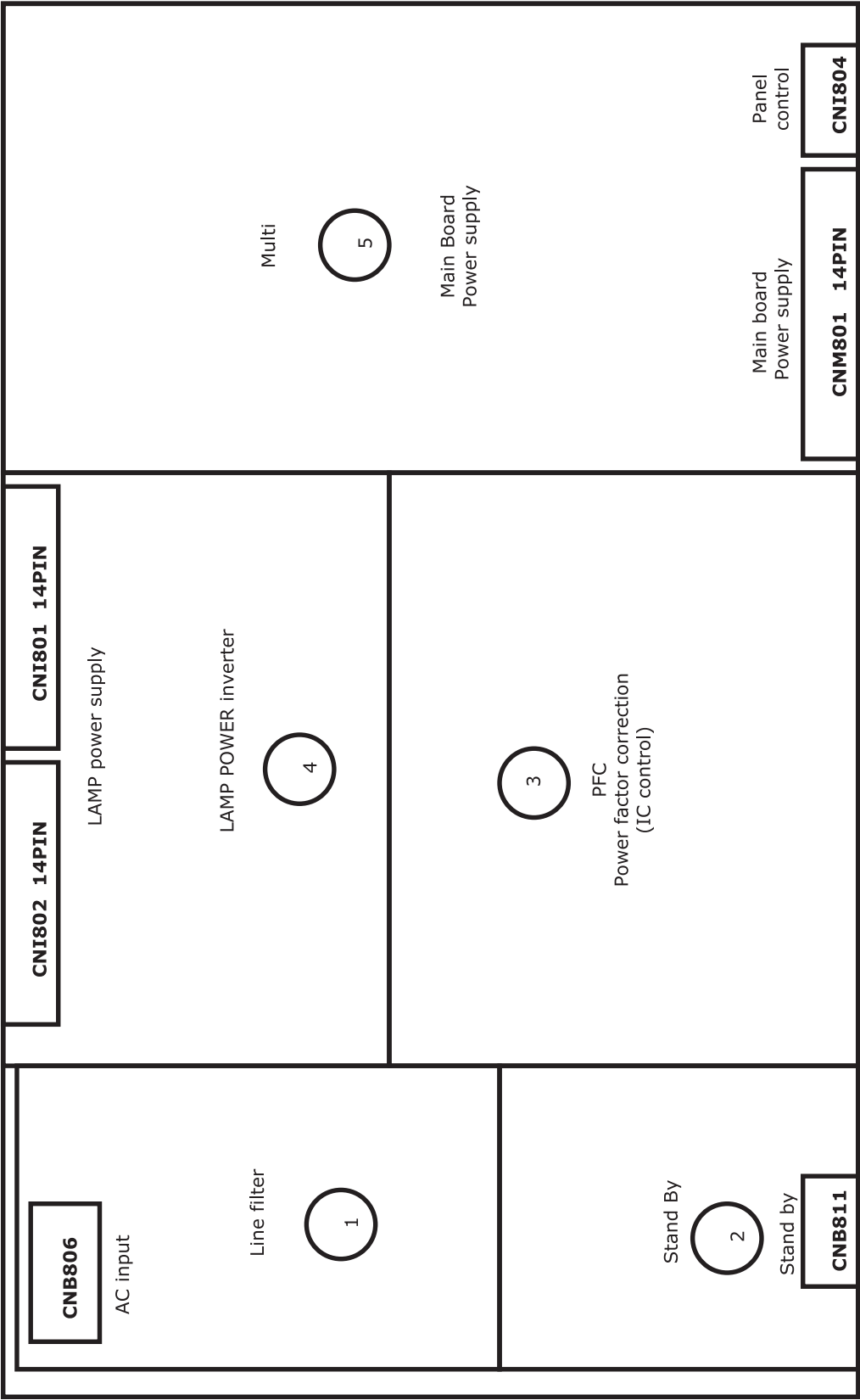
FUNCTIONING DEFINE:

```
-- SW_inverter  panel inverter control, about 5V
-- Ana_dimming  panel dimming control
-- PWM_dimming  panel PWM control, duty 40%~90%
-- SENSOR POWER  brightness sensor power supply
```

CN702-LVDS Signal

PIN	NAME	PIN	NAME
1	VCC	16	TXOUTCLK+
2	VCC5P	17	TXOUTCLK-
3	VCC5P	18	GND
4	VCC5P	19	TXOUT2+
5	VCC5P	20	TXOUT2-
6	GND	21	GND
7	GND	22	TXOUT1+
8	NOP (NOT USE)	23	TXOUT1-
9	SDA1	24	GND
10	SCL1	25	TXOUT0+
11	PANEL_SYNC_EN	26	TXOUT0-
12	GND	27	GND
13	TXOUT3+	28	SW_INVERTER
14	TXOUT3-	29	ANA_DIMMING
15	GND	30	PWM_DIMMING

9-3 Power Board Layout



9 Wiring Diagrams

CNB811-stand by supply

PIN	1	2	3
NAME	POWER	GND	SW_POWER
VOLTAGE	6V	0V	ON/OFF

FUNCTING DEFINE:

Refer to: CN802 function define

CNM801- Main Board power supply

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	12V	GND	5V	5V	5V	GND	GND	GND	12V	12V	12V	GND	GND	GND

FUNCTING DEFINE:

Refer to: CN801 function define

CNI804-panel control

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

FUNCTING DEFINE:

Refer to: CN815 function define

CNI801- Main Board power supply

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	24V	24V	24V	24V	24V	GND	GND	GND	GND	GND	GND	B/L	A_D	P_D

FUNCTING DEFINE:

--24V LAMP INVERTER Voltage

--B/L Brightness sensor power

--A_D ANA_DIMMING

--P_D PWM_DIMMING