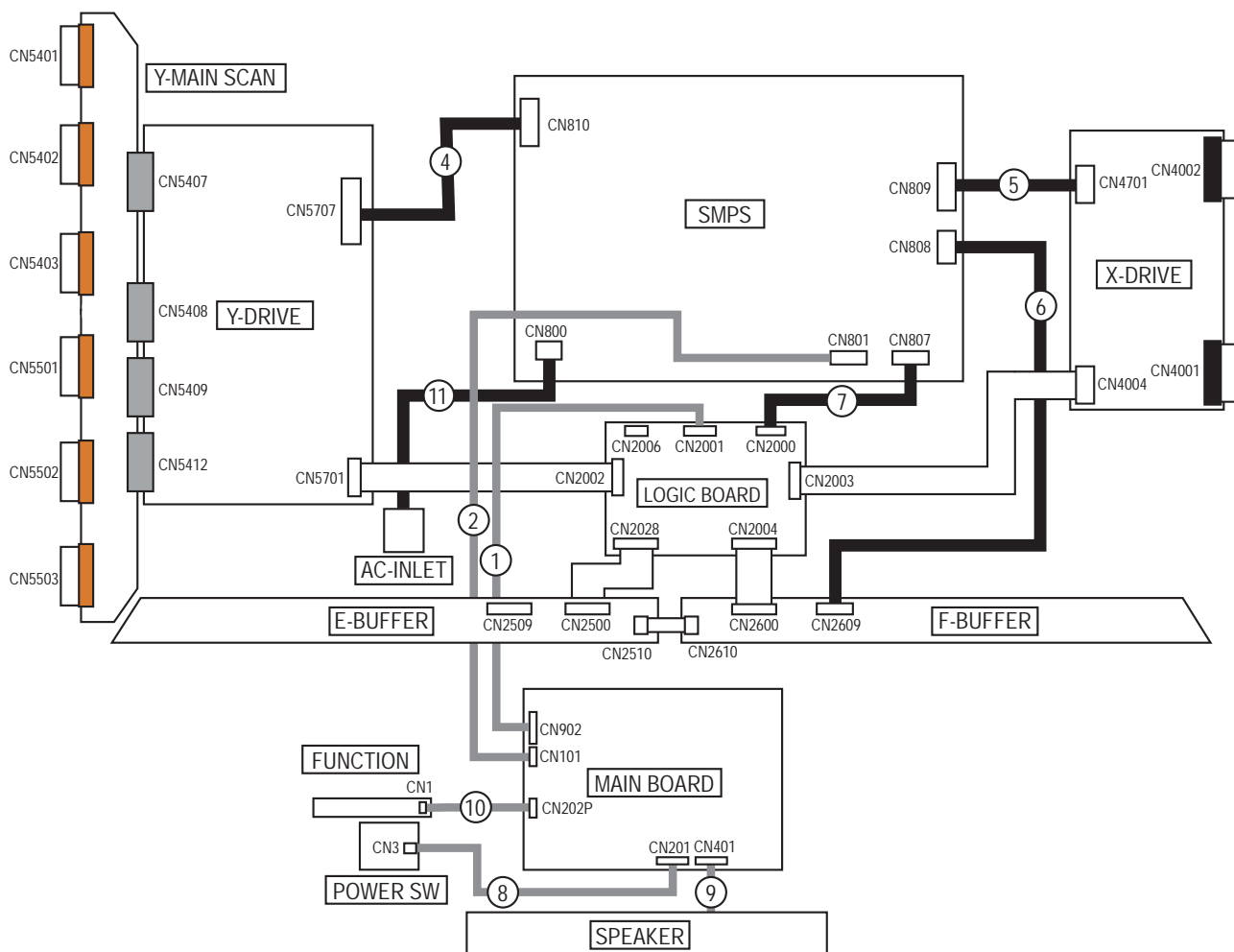


6. Wiring Diagram

6-1 Overall Wiring



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

Use	① LVDS	⑧ POWER CABLE	⑪ AC INLET
Code	BN96-07158K	BN39-00827A	BN96-07190A
Photo			

6-1-1 Pin Connection

① CN902(MAIN B'D) ↔ CN2001(LOGIC B'D)			
Pin No.	Signal	Pin No.	Signal
1	RxIN1b-	16	GND
2	RxIN1b+	17	RxIN3-
3	RxIN0b-	18	RxIN3+
4	RxIN0b+	19	GND
5	RxIN0-	20	I2C_READY
6	RxIN0+	21	GND
7	GND	22	3D_SYNC
8	RxIN1-	23	GND
9	RxIN1+	24	UART Tx
10	GND	25	GND
11	RxIN2-	26	UART Rx
12	RxIN2+	27	Start_OPT
13	GND	28	SCL
14	RxCLKIN-	29	GND
15	RxCLKIN+	30	SDA

② CN101(MAIN B'D) ↔ CN801(MAIN SMPS)			
Pin No.	Signal	Pin No.	Signal
1	PS_ON	13	D5.3V
2	VS_ON	14	D5.3V
3	STBY	15	D5.3V
4	GND_STBY	16	D5.3V
5	GND_15Vamp	17	GND_15V
6	GND_15Vamp	18	GND_15V
7	15Vamp	19	D15V
8	15Vamp	20	GND_15V
9	GND_5.3V	21	D15V
10	GND_5.3V	22	D15V
11	GND_5.3V	23	AC_DET
12	GND_5.3V	24	NC[Vt]

④ CN810(SMPS) ↔ CN5707_42"(Y B'D) CN5407_50"(Y B'D)		⑤ CN809(SMPS) ↔ CN4701(X B'D)		⑦ CN807(SMPS) ↔ CN2000(LOGIC B'D)		⑧ CN201(MAIN B'D) ↔ POWER&IR		⑨ CN401(MAIN B'D) ↔ SPEAKER	
Pin No.	Signal	Pin No.	Signal	Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
1	Vs	1	Vs	1	D5.3V	1	IR	1	R+_OUT
2	Vs	2	Vs	2	D5.3V	2	GND	2	R-_OUT
3	GND	3	GND	3	GND	3	A5V	3	L+_OUT
4	Vg	4	GND	4	GND	4	LED_STB	4	L-_OUT
5	GND	5	Vg	5	Vg	5	BUZZER	⑪ CN800(SMPS) ↔ AC INLET	
6	Va					6	KEY_INPUT1		
						7	KEY_INPUT2		
						8	GND		
						9	NC	Pin No.	Signal
						10	NC	1	AC Neutral
								2	N/C
								3	AC Live

6-1-2 Connector role

Loc. No.	Description
CN5401	Horizontal Y-scan line(1~128) of Module and Y-Main Scan Connect
CN5402	Horizontal Y-scan line(129~256) of Module and Y-Main Scan Connect
CN5403	Horizontal Y-scan line(256~384) of Module and Y-Main Scan Connect
-	Y-Main Scan(High) and Y-Main Scan(Low) Connect
CN5501	Horizontal Y-scan line(384~512) of Module and Y-Main Scan Connect
CN5502	Horizontal Y-scan line(512~640) of Module and Y-Main Scan Connect
CN5503	Horizontal Y-scan line(640~768) of Module and Y-Main Scan Connect
CN5407	Upper Y-Drive and Y-Main Scan Connect
CN5507	Lower Y-Drive and Y-Main Scan Connect
CN5707	Vs(205V),Vg(15v) Power input connect(6Pin) of Y-Drive
CN5701	Y-Drive control signal from Logic Board
CN810	Vs(205V),Vg(15v) Power input connect(6Pin) of SMPS for Y-Drive
CN809	Vs(205V),Vg(15v) Power input connect(6Pin) of SMPS for X-Drive
CN808	Va(63V) ,5.3V Power input connect(3Pin) of SMPS for F-Buffer
CN807	Power input connect(10pin) for Logic Board
CN801	Image signal(LVDS) connect(41pin) from Main Board
CN800	AC Power input connect from AC-inlet
CN4002	Horizontal X-scan line of Module and X-scan Connect(first Block)
CN4001	Horizontal X-scan line of Module and X-scan Connect(second Block)
-	Horizontal X-scan line of Module and X-scan Connect(third Block)
CN2000	Power input connect(10pin) of Logic Board from SMPS
CN2001	Image signal(LVDS) connect(41pin) of Logic board from Main Board
CN2002	Y-Drive control signal of Logic Board
CN2004	Address Data(684th~1366th) connect for F-Buffer board
CN2028	Address Data(1st~683th) connect for E-Buffer board
CN2500	Address Data(1st~683th) connect from Logic Board
CN2510	Power input connect from F-Buffer Board
CN2610	Power input connect to E-Buffer Board
CN2600	Address Data(684th~1366th) connect from Logic board
CN2609	Va(63V) ,5.3V Power input connect(3Pin) from SMPS
CN1101	Power input connect(24Pin) from SMPS
CN2202	Image signal(LVDS) connect(41pin) for Logic board
CN1605	Function input(source,ch up/down...) connect on Main board
CN1404	Video signal input connect form Side AV ass'y
CN1606	Power SW input connect on Main Board
CN1203	Speak out connect on Main Board
CN101	Video signal input connect on Side AV ass'y
CN1	Function input(source,ch up/down...) connect to Main board
CN3	Power SW input connect to Main Board

MEMO