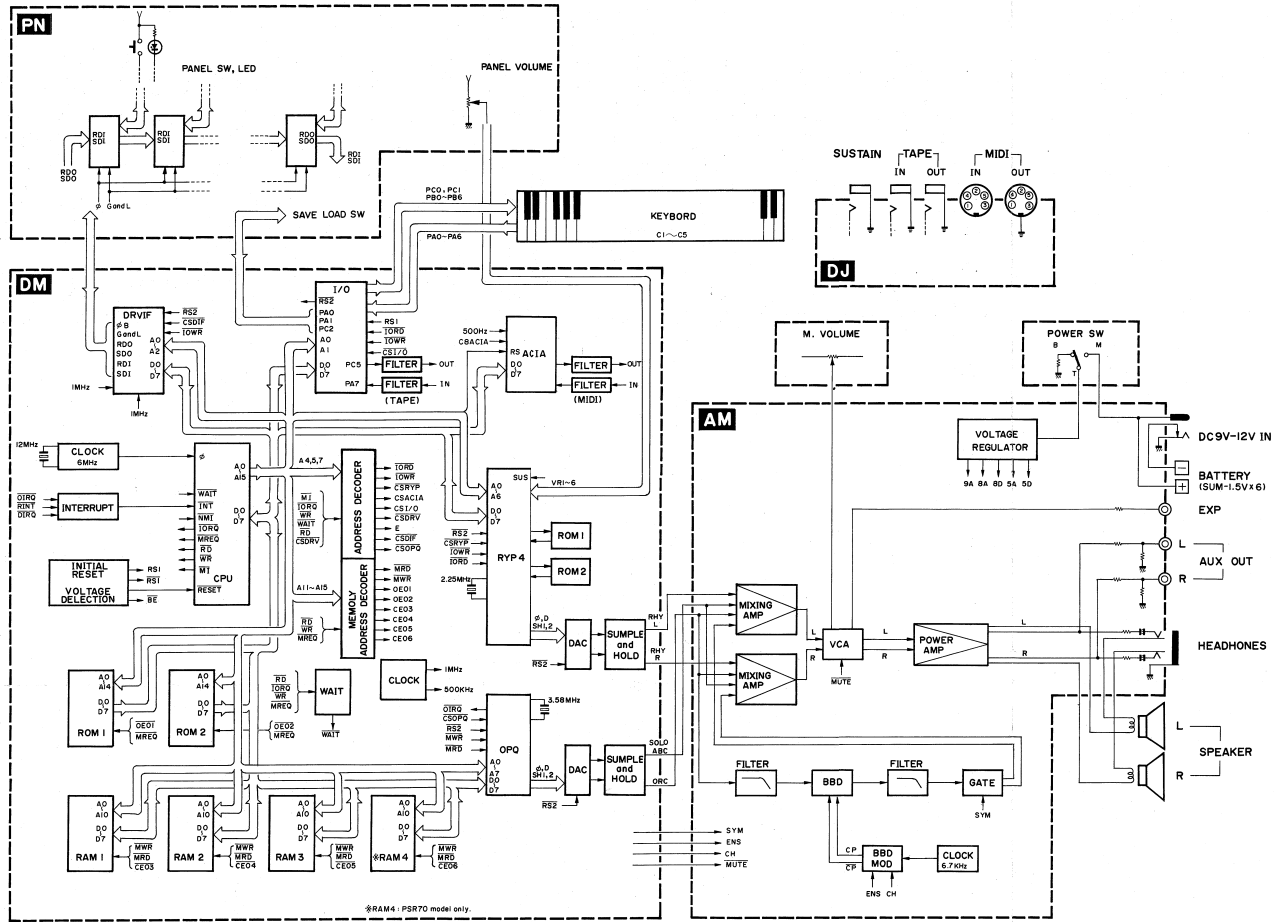


# BLOCK DIAGRAM



# LSI DATA TABLE

T7617 DRV3 (IG143200)

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	SD0	I	DC supply (+5.0V)				
2	SWA	O	LED data				
3	SD1	O	Serial data				
4	SWB	O	Switch on data				
5	R00	O	Serial data				
6	R01	O	Serial data				
7	SWC	O	Switch on data				
8	R02	O	Serial data				
9	R03	O	Serial data				
10	SWD	O	Switch on data				
11	R04	O	Serial data				
12	R05	O	Serial data				
13	SWE	O	Switch on data				
14	R06	O	Serial data				
15	R07	O	Serial data				
16	SWF	O	Switch on data				
17	R08	O	Serial data				
18	R09	O	Serial data				

T9500 DRVIF (DRV Interface) IG143300

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	CS	I	Chip select				
2	CS	I	Chip select				
3	CS	I	Chip select				
4	CS	I	Chip select				
5	CS	I	Chip select				
6	CS	I	Chip select				
7	CS	I	Chip select				
8	A1	I	Address bus				
9	A2	I	Address bus				
10	A3	I	Address bus				
11	R/W	I	Read/Write				
12	D0	I/O	Data bus				
13	D1	I/O	Data bus				
14	Vcc	I	DC supply (+5.0V)				

H063A50 ACIA (Asynchronous Communications Interface Adapter) IG133100

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	Vcc	I	DC supply (+5.0V)				
2	Tx Data	O	Transmit data				
3	Rx Data	I	Receive data				
4	Rx CLK	I	Receive clock				
5	TRT	O	Request to send				
6	TRD	O	Request to send				
7	TS	O	Transmit status				
8	CS	I	Chip select				
9	CS	I	Chip select				
10	CS	I	Chip select				
11	D0	I/O	Data bus				
12	D1	I/O	Data bus				
13	D2	I/O	Data bus				
14	Vcc	I	DC supply (+5.0V)				

YM3333 OPQ IG143200

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	Vcc	I	DC supply (+5.0V)				
2	D0	I/O	Serial data				
3	D1	I/O	Serial data				
4	D2	I/O	Serial data				
5	D3	I/O	Serial data				
6	D4	I/O	Serial data				
7	D5	I/O	Serial data				
8	D6	I/O	Serial data				
9	D7	I/O	Serial data				
10	CS	I	Chip select				
11	CS	I	Chip select				
12	CS	I	Chip select				
13	CS	I	Chip select				
14	CS	I	Chip select				
15	CS	I	Chip select				
16	CS	I	Chip select				
17	Vcc	I	DC supply (+5.0V)				
18	REF	I	Reference voltage for ADC				
19	Vcc	I	DC supply (+5.0V)				
20	Vcc	I	DC supply (+5.0V)				
21	Vcc	I	DC supply (+5.0V)				
22	Vcc	I	DC supply (+5.0V)				
23	Vcc	I	DC supply (+5.0V)				
24	Vcc	I	DC supply (+5.0V)				
25	Vcc	I	DC supply (+5.0V)				
26	Vcc	I	DC supply (+5.0V)				
27	Vcc	I	DC supply (+5.0V)				
28	Vcc	I	DC supply (+5.0V)				
29	Vcc	I	DC supply (+5.0V)				
30	Vcc	I	DC supply (+5.0V)				
31	Vcc	I	DC supply (+5.0V)				
32	Vcc	I	DC supply (+5.0V)				
33	Vcc	I	DC supply (+5.0V)				
34	Vcc	I	DC supply (+5.0V)				
35	Vcc	I	DC supply (+5.0V)				
36	Vcc	I	DC supply (+5.0V)				
37	Vcc	I	DC supply (+5.0V)				
38	Vcc	I	DC supply (+5.0V)				
39	Vcc	I	DC supply (+5.0V)				
40	Vcc	I	DC supply (+5.0V)				

● LH0080B ,COM (IG13700)

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	A11	O	Read control				
2	A12	O	Write control				
3	A13	O	Bus Acknowledge				
4	A14	O	Wait				
5	A15	O	Request				
6	CS	I	Clock				
7	RESET	I	Reset				
8	CS	I	Master Cycle one				
9	RFB	O	Refresh				
10	CS	I	DC Supply (+5V)				
11	D0	I/O	Data bus				
12	D1	I/O	Data bus				
13	D2	I/O	Data bus				
14	D3	I/O	Data bus				
15	D4	I/O	Data bus				
16	TRF	I	Interrupt Request				
17	TRF	I	Non Maskable Interrupt				
18	TRF	I	Hold Slave				
19	MREQ	O	Memory Request				
20	RSTB	O	Input/Output Request				

● PD8256AC 5 I/O PORT A - D (IG105600)

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	PA2	O	Part A				
2	PA1	O	Part A				
3	PA0	O	Part A				
4	PA0	O	Part A				
5	WR	O	Write control				
6	CS	I	Chip select				
7	CS	I	Chip select				
8	CS	I	Chip select				
9	CS	I	Chip select				
10	CS	I	Chip select				
11	CS	I	Chip select				
12	CS	I	Chip select				
13	CS	I	Chip select				
14	CS	I	Chip select				
15	CS	I	Chip select				
16	CS	I	Chip select				
17	CS	I	Chip select				
18	CS	I	Chip select				
19	CS	I	Chip select				
20	CS	I	Chip select				

YM2154 RYP-4

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	Vcc	I	Digital ground				
2	INT	O	Interrupt request				
3	SD	O	Serial data				
4	SD	O	Serial data				
5	SD	O	Serial data				
6	SD	O	Serial data				
7	SD	O	Serial data				
8	SD	O	Serial data				
9	SD	O	Serial data				
10	SD	O	Serial data				
11	SD	O	Serial data				
12	SD	O	Serial data				
13	SD	O	Serial data				
14	SD	O	Serial data				
15	SD	O	Serial data				
16	SD	O	Serial data				
17	SD	O	Serial data				
18	SD	O	Serial data				
19	SD	O	Serial data				
20	SD	O	Serial data				

YM3012 DAC (2-Channel serial input Floating D/A converter) IT301200

Pin No.	NAME	I/O	FUNCTION	Pin No.	NAME	I/O	FUNCTION
1	VDD	I	DC supply (+5V)				
2	GND	I	Analog ground				
3	GND	I	Timing clock				
4	SD	I	Serial data input				
5	AOUT	O	Sample and hold (ch2)				
6	COM	I	Common input				
7	IC	I	Initial clear				
8	VDD	I	DC supply (+5V)				
9	CH1	O	Sample and hold analog SW output (ch1)				
10	CH2	O	Sample and hold analog SW output (ch2)				
11	CH1	O	Sample and hold analog SW output (ch1)				
12	CH2	O	Sample and hold analog SW output (ch2)				

# IC PIN CONFIGURATIONS

