

SERVICE

MANUAL

C O M P A C T D I S C

MODULE

PAM-CDA

interM

ELECTRICAL PARTS LIST (PAM-CDA)

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NO	PART NAME	DESCRIPTION	REFERENCE NO	Q'TY	UNIT	
1	TRANSISTOR	KRA-105S	Q104	1	EA	
2	TRANSISTOR	KRA-105S	Q109	1	EA	
3	TRANSISTOR	KRA-105S	Q201	1	EA	
4	TRANSISTOR	KRA-105S	Q204	1	EA	
5	TRANSISTOR	KRC-103S	Q102	1	EA	
6	TRANSISTOR	KTC-3876Y	Q101	1	EA	
7	TRANSISTOR	KTC-3876Y	Q105	1	EA	
8	TRANSISTOR	KTC-3876Y	Q106	1	EA	
9	TRANSISTOR	KTC-3876Y	Q107	1	EA	
10	TRANSISTOR	KTC-3876Y	Q108	1	EA	
11	TRANSISTOR	KTC-3876Y	Q110	1	EA	
12	TRANSISTOR	KTC-3876Y	Q111	1	EA	
13	TRANSISTOR	KTC-3876Y	Q113	1	EA	
14	TRANSISTOR	KTC-3876Y	Q115	1	EA	
15	TRANSISTOR	KTC-3876Y	Q117	1	EA	
16	TRANSISTOR	KTC-3876Y	Q202	1	EA	
17	TRANSISTOR	KTC-3876Y	Q203	1	EA	
18	I C	4558F	IC102	1	EA	
19	I C	DI-2001C	IC101	1	EA	
20	I C	HL-14203	IC201	1	EA	
21	RESISTOR	27 OHM 2012	R107	1	EA	
22	RESISTOR	100 OHM 2012	R148	1	EA	
23	RESISTOR	1K OHM 2012	R154	1	EA	
24	RESISTOR	1K OHM 2012	R152	1	EA	
25	RESISTOR	1K OHM 2012	R155	1	EA	
26	RESISTOR	1K OHM 2012	R159	1	EA	
27	RESISTOR	1K OHM 2012	R161	1	EA	
28	RESISTOR	1K OHM 2012	R164	1	EA	
29	RESISTOR	1K OHM 2012	R202	1	EA	
30	RESISTOR	4.7KOHM 2012	R163	1	EA	
31	RESISTOR	4.7KOHM 2012	R129	1	EA	
32	RESISTOR	4.7KOHM 2012	R130	1	EA	
33	RESISTOR	4.7KOHM 2012	R142	1	EA	
34	RESISTOR	4.7KOHM 2012	R143	1	EA	
35	RESISTOR	5.6KOHM 2012	R144	1	EA	
36	RESISTOR	5.6KOHM 2012	R145	1	EA	
37	RESISTOR	10K OHM 2012	R132	1	EA	
38	RESISTOR	10K OHM 2012	R133	1	EA	
39	RESISTOR	10K OHM 2012	R138	1	EA	
40	RESISTOR	10K OHM 2012	R139	1	EA	

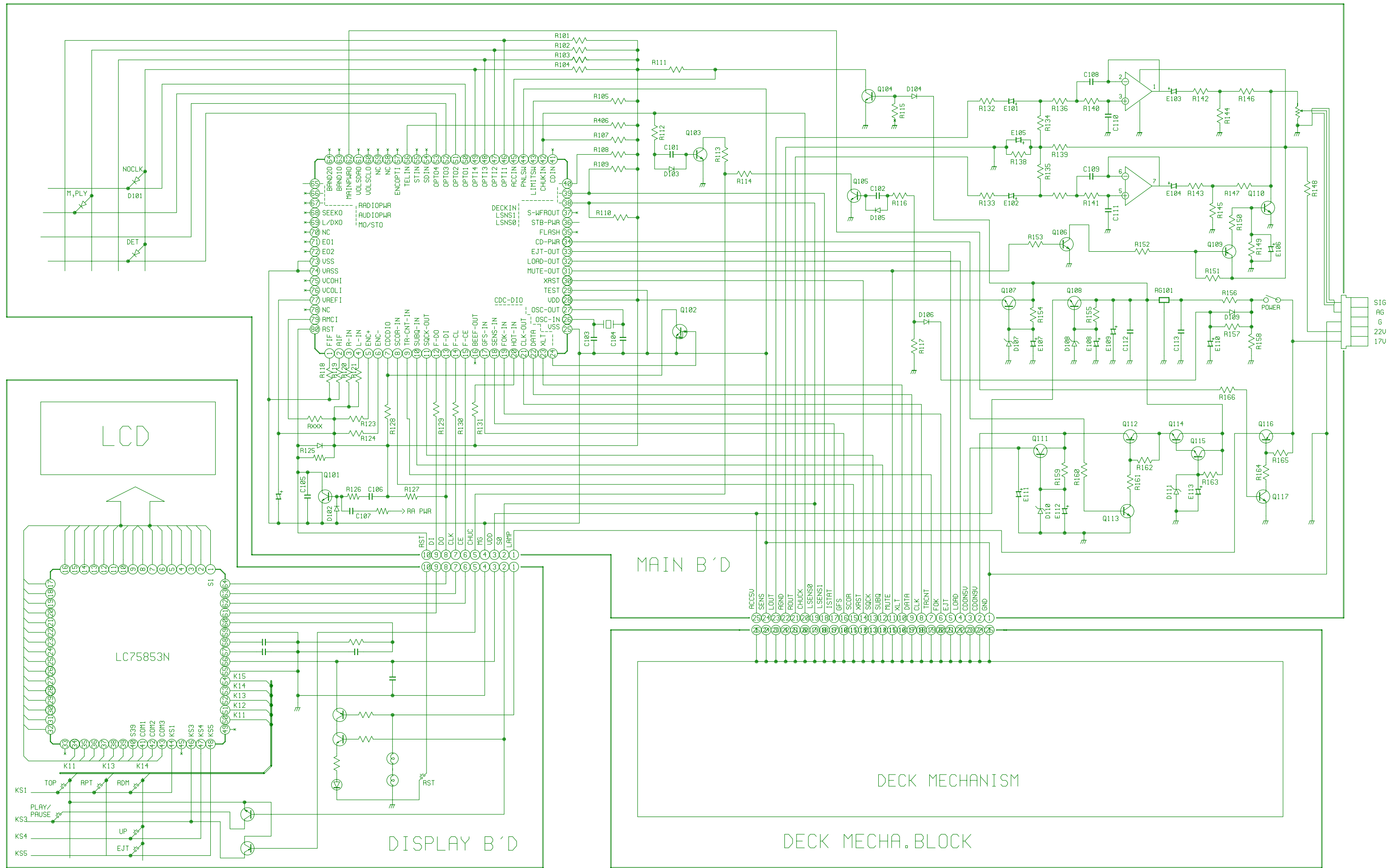
NO	PART NAME	DESCRIPTION	REFERENCE NO	QTY	UNIT	
1	RESISTOR	10K OHM 2012	R153	1	EA	
2	RESISTOR	10K OHM 2012	R158	1	EA	
3	RESISTOR	10K OHM 2012	R115	1	EA	
4	RESISTOR	10K OHM 2012	R160	1	EA	
5	RESISTOR	10K OHM 2012	R162	1	EA	
6	RESISTOR	10K OHM 2012	R166	1	EA	
7	RESISTOR	15K OHM 2012	R146	1	EA	
8	RESISTOR	15K OHM 2012	R147	1	EA	
9	RESISTOR	22K OHM 2012	R150	1	EA	
10	RESISTOR	33K OHM 2012	R140	1	EA	
11	RESISTOR	33K OHM 2012	R141	1	EA	
12	RESISTOR	33K OHM 2012	R136	1	EA	
13	RESISTOR	33K OHM 2012	R137	1	EA	
14	RESISTOR	47K OHM 2012	R149	1	EA	
15	RESISTOR	47K OHM 2012	R165	1	EA	
16	RESISTOR	100KOHM 2012	R101	1	EA	
17	RESISTOR	100KOHM 2012	R102	1	EA	
18	RESISTOR	100KOHM 2012	R103	1	EA	
19	RESISTOR	100KOHM 2012	R104	1	EA	
20	RESISTOR	100KOHM 2012	R105	1	EA	
21	RESISTOR	100KOHM 2012	R106	1	EA	
22	RESISTOR	100KOHM 2012	R107	1	EA	
23	RESISTOR	100KOHM 2012	R108	1	EA	
24	RESISTOR	100KOHM 2012	R109	1	EA	
25	RESISTOR	100KOHM 2012	R110	1	EA	
26	RESISTOR	100KOHM 2012	R111	1	EA	
27	RESISTOR	100KOHM 2012	R126	1	EA	
28	RESISTOR	100KOHM 2012	R125	1	EA	
29	RESISTOR	100KOHM 2012	R127	1	EA	
30	RESISTOR	100KOHM 2012	R128	1	EA	
31	RESISTOR	100KOHM 2012	R120	1	EA	
32	RESISTOR	100KOHM 2012	R121	1	EA	
33	RESISTOR	100KOHM 2012	R123	1	EA	
34	RESISTOR	100KOHM 2012	R124	1	EA	
35	RESISTOR	100KOHM 2012	R118	1	EA	
36	RESISTOR	100KOHM 2012	R119	1	EA	
37	RESISTOR	100KOHM 2012	R134	1	EA	
38	RESISTOR	100KOHM 2012	R135	1	EA	
39	RESISTOR	100KOHM 2012	R131	1	EA	
40	RESISTOR	100KOHM 2012	R114	1	EA	

NO	PART NAME	DESCRIPTION	REFERENCE NO	QTY	UNIT	
1	RESISTOR	100KOHM 2012	R116	1	EA	
2	RESISTOR	100KOHM 2012	R122	1	EA	
3	RESISTOR	100KOHM 2012	R157	1	EA	
4	RESISTOR	200KOHM 2012	R117	1	EA	
5	RESISTOR	200KOHM 2012	R201	1	EA	
6	RESISTOR	200KOHM 2012	R203	1	EA	
7	RESISTOR	200KOHM 2012	R204	1	EA	
8	CAPACITOR	33 PF 2012	C103	1	EA	
9	CAPACITOR	33 PF 2012	C104	1	EA	
10	CAPACITOR	101 PF 2012	C110	1	EA	
11	CAPACITOR	101 PF 2012	C111	1	EA	
12	CAPACITOR	331 PF 2012	C108	1	EA	
13	CAPACITOR	331 PF 2012	C109	1	EA	
14	CAPACITOR	104 PF 2012	C102	1	EA	
15	CAPACITOR	104 PF 2012	C105	1	EA	
16	CAPACITOR	104 PF 2012	C106	1	EA	
17	CAPACITOR	104 PF 2012	C107	1	EA	
18	CAPACITOR	104 PF 2012	C112	1	EA	
19	CAPACITOR	104 PF 2012	C113	1	EA	
20	CAPACITOR	104 PF 2012	C201	1	EA	
21	CAPACITOR	104 PF 2012	C202	1	EA	
22	CAPACITOR	104 PF 2012	C203	1	EA	
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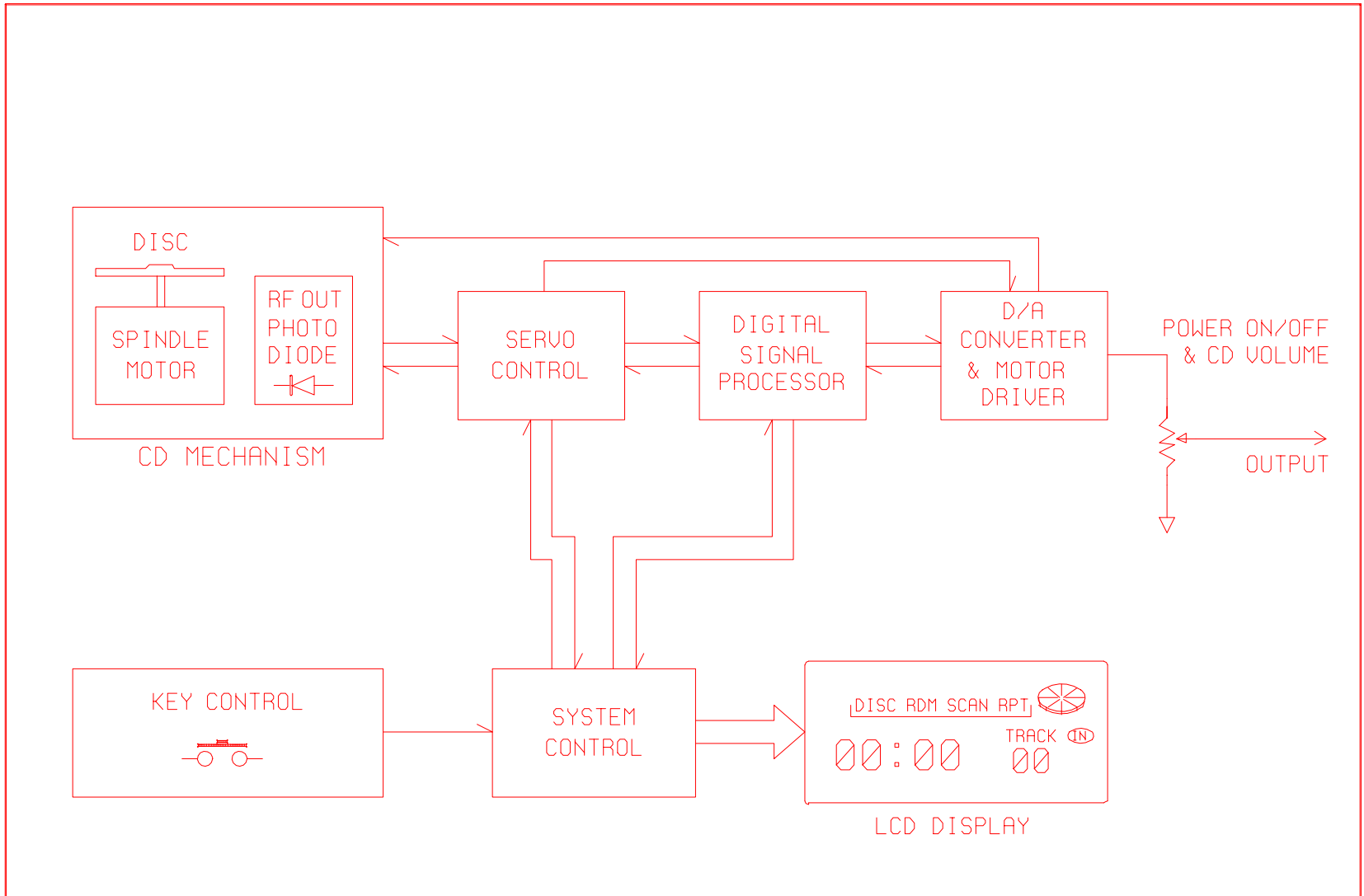
NO	PART NAME	DESCRIPTION	REFERENCE NO	QTY	UNIT	
1	LED	3@ RED		1	EA	
2	LED HOLDER	9.0mm		1	EA	
3	TACT SW	4P 5mm 160g	SW101	1	EA	
4	TACT SW	4P 5mm 160g	SW102	1	EA	
5	TACT SW	4P 5mm 160g	SW103	1	EA	
6	TACT SW	4P 5mm 160g	SW104	1	EA	
7	TACT SW	4P 5mm 160g	SW105	1	EA	
8	TACT SW	4P 5mm 160g	SW106	1	EA	
9	TACT SW	4P 5mm 160g	SW107	1	EA	
10	TACT SW	4P 5mm 160g	SW108	1	EA	
11	TACT SW	4P 5mm 160g	SW109	1	EA	
12	TACT SW	4P 5mm 160g	SW110	1	EA	
13	TACT SW	4P 5mm 160g	SW111	1	EA	
14	LCDISPLAY	33650DAN		1	EA	
15	LAMP	10V 80mA		1	EA	
16	LAMP	10V 80mA		1	EA	
17	FPC	10P 110mm		1	EA	
18	FPC	25P 110mm		1	EA	
19	LCD REFRECTOR	PAM-CDA		1	EA	
20	LCD HOUSING	PAM-CDA		1	EA	
21	PCB FRONT	PAM-CDA		1	EA	
22	PCB MAIN	PAM-CDA		1	EA	
23	VOLUME	50K AX2		1	EA	
24		10 OHM 5W	R156	1	EA	
25	VOLTAGE REGULATOR	7812	RG101	1	EA	
26	TRANSISTOR	2SD-2395Y	Q114	1	EA	
27	TRANSISTOR	KTA-1273Y	Q112	1	EA	
28	TRANSISTOR	KTA-1273Y	Q116	1	EA	
29	DIODE SW	1N4148	D101	1	EA	
30	DIODE SW	1N4148	D102	1	EA	
31	DIODE SW	1N4148	D105	1	EA	
32	DIODE SW	1N4148	D109	1	EA	
33	DIODE ZD	5.6V 0.5W	D107	1	EA	
34	DIODE ZD	5.6V 0.5W	D108	1	EA	
35	DIODE ZD	5.6V 0.5W	D110	1	EA	
36	DIODE ZD	9.1V 0.5W	D104	1	EA	
37	DIODE ZD	9.1V 0.5W	D106	1	EA	
38	DIODE ZD	9.1V 0.5W	D111	1	EA	
39	X-TAL	4.5MHz	XT101	1	EA	
40	FCC	10P1.25X110mm		1	EA	

NO	PART NAME	DESCRIPTION	REFERENCE NO	QTY	UNIT	
1	FCC	25P1.25X110mm		1	EA	
2	5P WIRE	5P W/WIRE 270mm		1	EA	
3	ELECTROLYTIC CAP	10UF/16V	E101	1	EA	
4	ELECTROLYTIC CAP	10UF/16V	E102	1	EA	
5	ELECTROLYTIC CAP	10UF/16V	E103	1	EA	
6	ELECTROLYTIC CAP	10UF/16V	E104	1	EA	
7	ELECTROLYTIC CAP	10UF/16V	E110	1	EA	
8	ELECTROLYTIC CAP	22UF/16V	E105	1	EA	
9	ELECTROLYTIC CAP	22UF/16V	E106	1	EA	
10	ELECTROLYTIC CAP	47UF/16V	E107	1	EA	
11	ELECTROLYTIC CAP	47UF/16V	E108	1	EA	
12	ELECTROLYTIC CAP	47UF/16V	E111	1	EA	
13	ELECTROLYTIC CAP	47UF/16V	E112	1	EA	
14	ELECTROLYTIC CAP	47UF/16V	E113	1	EA	
15	ELECTROLYTIC CAP	47UF/16V	E114	1	EA	
16	ELECTROLYTIC CAP	47UF/16V	E115	1	EA	
17	ELECTROLYTIC CAP	47UF/16V	E116	1	EA	
18	ELECTROLYTIC CAP	1000UF/16V	E109	1	EA	
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Schematic Diagram (PAM-CDA)



BLOCK DIAGRAM



WIRING DIAGRAM

