

Ref	Description	Parts name	Manufacturer	Qty
IC1	S.IC	UPD78F9418AGK-9EU(FX-2345)	NEC	1
IC2	S.IC	HD66712SA03FS	HITACHI	1
Q1	S.FET	2SK1069 4	SANYO	1
Q2	S.TRANSISTOR	2SC4116 BL	TOSHIBA	1
Q3	S.TRANSISTOR	2SB1132 R	ROHM	1
Q4	S.FET	2SK1069 4	SANYO	1
Q5	S.TRANSISTOR	DTA144EU	ROHM	1
Q6	S.TRANSISTOR	DTC144EU	ROHM	1
Q8	S.TRANSISTOR	2SC4116 BL	TOSHIBA	1
D1	S.ZENER	MA8043 L	MEC	1
X1	S.CERAMIC	PBRC 4.91 BR	KYOCERA	1
R1	S.RESISTOR	47K ERJ3GE	MACO	1
R2	S.RESISTOR	10K ERJ3GE	MACO	1
R3	S.RESISTOR	47K ERJ3GE	MACO	1
R4	S.RESISTOR	10K ERJ3GE	MACO	1
R5	S.RESISTOR	47K ERJ3GE	MACO	1
R6	S.RESISTOR	12K ERJ3GE	MACO	1
R7	S.RESISTOR	1.5K ERJ3GE	MACO	1
R8	S.RESISTOR	10K ERJ3GE	MACO	1
R9	S.THERMISTOR	NTCCM16084BH 103KC	TDK	1
R10	S.RESISTOR	10K ERJ3GE	MACO	1
R11	S.RESISTOR	20K ERJ3GE	MACO	1
R12	S.RESISTOR	10K ERJ3GE	MACO	1
R13	S.RESISTOR	18K ERJ3GE	MACO	1
R14	S.RESISTOR	10K ERJ3GE	MACO	1
R15	S.RESISTOR	20K ERJ3GE	MACO	1
R16	S.RESISTOR	10K ERJ3GE	MACO	1
R17	S.RESISTOR	1K ERJ3GE	MACO	1
R18	S.RESISTOR	100K ERJ3GE	MACO	1
R19	S.RESISTOR	47K ERJ3GE	MACO	1
R20	S.RESISTOR	22K ERJ3GE	MACO	1
R22	S.RESISTOR	10K ERJ3GE	MACO	1
R23	S.RESISTOR	1.5K ERJ3GE	MACO	1
R24	S.RESISTOR	10K ERJ3GE	MACO	1
R25	S.THERMISTOR	NTCCM16084BH 103KC	TDK	1
R26	S.RESISTOR	10K ERJ3GE	MACO	1
R27	S.RESISTOR	10K ERJ3GE	MACO	1
R28	S.RESISTOR	10K ERJ3GE	MACO	1
R29	S.RESISTOR	10K ERJ3GE	MACO	1
R30	S.RESISTOR	10K ERJ3GE	MACO	1
R31	S.RESISTOR	10K ERJ3GE	MACO	1
R32	S.RESISTOR	10K ERJ3GE	MACO	1
R33	S.RESISTOR	100K ERJ3GE	MACO	1
R34	S.RESISTOR	100K ERJ3GE	MACO	1
R35	S.RESISTOR	100K ERJ3GE	MACO	1
R36	S.RESISTOR	100K ERJ3GE	MACO	1
R37	S.RESISTOR	100K ERJ3GE	MACO	1
R38	S.RESISTOR	220 ERJ3GE	MACO	1
R41	S.RESISTOR	220 ERJ3GE	MACO	1
R42	S.RESISTOR	220 ERJ3GE	MACO	1
R43	S.RESISTOR	220 ERJ3GE	MACO	1
R44	S.RESISTOR	10K ERJ3GE	MACO	1
R45	S.RESISTOR	10K ERJ3GE	MACO	1
R46	S.RESISTOR	27K ERJ3GE	MACO	1
R47	S.RESISTOR	10K ERJ3GE	MACO	1
R48	S.RESISTOR	10K ERJ3GE	MACO	1
R49	S.RESISTOR	100K ERJ3GE	MACO	1

R50	S.RESISTOR	390K ERJ3GE	MACO	1
R51	S.RESISTOR	120K ERJ3GE	MACO	1
R52	S.RESISTOR	10K ERJ3GE	MACO	1
R53	S.RESISTOR	220 ERJ3GE	MACO	1
R54	S.RESISTOR	220 ERJ3GE	MACO	1
R55	S.RESISTOR	10K ERJ3GE	MACO	1
R56	S.RESISTOR	3.3K ERJ3GE	MACO	1
R64	S.RESISTOR	33K ERJ3GE	MACO	1
R65	S.RESISTOR	1M ERJ3GE	MACO	1
R66	S.RESISTOR	100K ERJ3GE	MACO	1
R67	S.RESISTOR	18K ERJ3GE	MACO	1
R68	S.RESISTOR	10K ERJ3GE	MACO	1
R69	S.RESISTOR	39K ERJ3GE	MACO	1
R70	S.RESISTOR	47K ERJ3GE	MACO	1
C1	S.CERAMIC	0.001 C1608 B	TDK	1
C2	S.CERAMIC	0.001 C1608 B	TDK	1
C3	S.CERAMIC	0.1 C1608 16V B	TDK	1
C4	S.CERAMIC	0.1 C1608 16V B	TDK	1
C5	S.CERAMIC	0.001 C1608 B	TDK	1
C6	S.CERAMIC	0.001 C1608 B	TDK	1
C7	S.CERAMIC	0.01 C1608 25V B	TDK	1
C8	S.CERAMIC	0.01 C1608 25V B	TDK	1
C9	S.CERAMIC	0.1 C1608 16V B	TDK	1
C11	S.ELECTROL	10 16V ECEV-S B	MACO	1
C12	S.CERAMIC	0.001 C1608 B	TDK	1
C13	S.CERAMIC	0.01 C1608 25V B	TDK	1
C14	S.CERAMIC	0.1 C1608 16V B	TDK	1
C15	S.CERAMIC	0.01 C1608 25V B	TDK	1
C16	S.CERAMIC	0.01 C1608 25V B	TDK	1
C17	S.ELECTROL	10 16V ECEV-S B	MACO	1
C18	S.CERAMIC	0.01 C1608 25V B	TDK	1
C19	S.CERAMIC	0.01 C1608 25V B	TDK	1
C20	S.CERAMIC	0.1 C1608 16V B	TDK	1
C21	S.ELECTROL	1 50V ECEV-S B	MACO	1
C22	S.ELECTROL	1 50V ECEV-S B	MACO	1
C23	S.CERAMIC	0.01 C1608 25V B	TDK	1
C24	S.CERAMIC	0.1 C1608 16V B	TDK	1
C25	S.CERAMIC	0.01 C1608 25V B	TDK	1
J1	S.CONNECTOR	S2B-PH-SM3-TB	NICHIATSU	1
J2	S.CONNECTOR	B6B-ZR-SM3-TF	NICHIATSU	1
J3	S.CONNECTOR	B6B-ZR-SM3-TF	NICHIATSU	1
J4	S.CONNECTOR	14FLT-SM1-TB	NICHIATSU	1
DS1	LCD	TSD0393		1
DS2	S.LED	SML-311YT	ROHM	1
DS3	S.LED	SML-311YT	ROHM	1
DS4	S.LED	SML-311YT	ROHM	1
DS5	S.LED	SML-311YT	ROHM	1
DS6	S.LED	SML-311YT	ROHM	1
DS7	S.LED	SML-311YT	ROHM	1
DS8	S.LED	SML-311YT	ROHM	1
DS9	S.LED	SML-311YT	ROHM	1
DS10	S.LED	SML-311YT	ROHM	1
DS11	S.LED	SML-311YT	ROHM	1
DS12	S.LED	SML-311YT	ROHM	1
DS13	S.LED	SML-311YT	ROHM	1
DS14	S.LED	SML-311YT	ROHM	1
DS15	S.LED	SML-311YT	ROHM	1
DS16	S.LED	SML-311YT	ROHM	1

DS17	S.LED	SML-311YT	ROHM	1
S1	SWITCH	SPPH22014A	ALPS	1