

Part List : MM202

Product Type: MM202 Board

Item	Part type	Value	Designator	Quantity
1	Capacitor	1.0uF	C100	1
2	Capacitor	330uF	C101,C103	2
3	Capacitor	0.1uF	C102,C105,C106,C108,C109 ,C110,C111,C113,C114,C116, C117,C118	12
4	Capacitor	4.7uF	C107	1
5	Capacitor	10nF	C115	1
6	Capacitor	10uF	C112, C113A,C114A	3
7	Capacitor	3.3pF	C119	1
8	Diode	4004-MELF	D100,D109	2
9	Diode	SK1045	D101,D103,D105,D108	4
10	Diode	S2G	D102,D104,D106,D107	4
11	Integrate circuit	ULN2003AD	IC100	1
12	Integrate circuit	74HC165D	IC101	1
13	Integrate circuit	MEGA164A	IC102	1
14	Integrate circuit	MICRF009BM	IC103	1
15	Integrate circuit	LP2950CDT-5.0	VR100	1
16	Header	PINHD-2x3	ISP	1
17	Jumper	2P	ISP	1
18	Relay	SC103	K1,K2,K3,K4	4
19	Inductors	47nH	L100,L101	2
20	LED	0805LED	LED1, LED2, LED3	3
21	Fuse	RUEF185	PF1	1
22	Mosfet	IRL1004S	Q100,Q101	2
23	Transistor	MMBT3904	Q102,Q105,Q108,Q110	4
24	Transistor	MMBT3906	Q103,Q106,Q109	4
25	Mosfet	NTD3055L104GOS	Q104	1
26	Mosfet	NTB18N06LT4G	Q107	1
27	Resistor	46.4K	R103	1
28	Resistor	1K	R105,R110,R131,R135,R137	5
29	Resistor	20K	R106,R111	2
30	Resistor	220 Ω	R107,R112	2
31	Resistor	0.82 Ω	R108	1
32	Resistor	10K	R109,R113,R125,R138, R100,R120,R141,R145	8
33	Resistor	221K	R117,R118	2
34	Resistor	4K7	R114,R116,R121,R122,R133, R134,R144, R101,R102	9

35	Rheostat	100K	R115,R123,R124,R127,R128, R129,R132,R143,R146,R147, R148,R149, R1,R2	13
36	Resistor	100 Ω	R119	1
37	Resistor	47K	R126	1
38	Resistor	15K4	R139	1
39	Resistor	510 Ω	R142,R150	2
40	Resistor	330 Ω	R151	1
41	Switch	10-XX	S1,S2,S3,S4,S5	5
42	Switch	EG1206A	S6	1
43	Buzzer Transducer	TRIP80PH-TH	SG1	1
44	Thermistor	100K	TH100	1
45	Varistor	V07K14	VAR1,VAR2,VAR3,VAR4,VAR5	5
46	Varistor	V14K20	VAR6	1
47	Crystal	9.8874MHz	Y1	1
48	PCB	single layer DS FR-4		1