

Bill Of Materials

Item	Quantity	Reference	Part
1	3	C21,C24,C32	10nF
2	1	C27	47nF
3	14	C2,C3,C6,C8,C9,C10,C11,C15,C19,C20,C23,C26,C28,C29	100nF
4	1	C17	220nF 100V
5	1	C22	1uF
6	2	C31,C25	4,7uF 16V
7	6	C7,C12,C13,C14,C18,C30	10uF 16V
8	2	C4,C5	47uF 35V
9	1	C1	220uF 50V
10	1	C16	4700uF 50V
11	3	D1,D5,D11(montato su U1)	1N4002 (SMD)
12	2	D9,D10	1N4002 (ASSIALI)
13	5	D2,D4,D6,D7,D15	1N4148
14	2	D18,D19	ZHCS400
15	1	D3	6,2VZ
16	1	D8	8,2VZ
17	1	D12	15VZ
18	1	D16	4,7VZ
19	1	D17	MBR4060PT
20	1	R50	0,005R 5W
21	1	R3	56R 3W
22	1	R52	100R 2512 1W
23	1	R23	2K2 2512 1W
24	2	R36,R38	10R
25	2	R47,R42	15R
26	2	R53,R55	100R
27	1	R58	330R
28	1	R54	470R
29	1	R48	510R
30	9	R12,R17,R22,R24,R34,R43,R45,R49,R57	1K
31	1	R59	1K5
32	6	R2,R6,R10,R11,R25,R51	4K7
33	1	R20	5K1
34	1	R40	8K2
35	7	R4,R5,R9,R18,R29,R30,R39	10K
36	2	R62,R60	15K
37	1	R33	22K
38	1	R63	27K
39	1	R16	36K
40	1	R28	39K
41	1	R37	43K
42	3	R1,R46,R61	47K
43	1	R32	51K
44	6	R7,R14,R26,R35,R44,R56	100K
45	1	R13	150K

46	1	R21	220K
47	4	R8,R19,R31,R41	10M
48	3	RT1(620K),RT2(1M),RT3(1M)	Resistenze x taratura
49	1	W1	JUMPER (Resistenza da 0Ohm)
50	1	PT3	TRIMMER 10K
51	1	PT4	TRIMMER 5K
52	1	PT5	TRIMMER 100R
53	1	PT6	TRIMMER 20K
54	2	Q3,Q4	FDH047AN
55	1	Q5	BC807
56	1	Q6	IRFD120
57	1	Q7	BC817
58	1	U1	LM7812
59	1	U2	CD4002
60	1	U3	LM311
61	3	U4,U9,U10	CD4011B
62	1	U5	LM358
63	1	U6	SG3526N (MICROSEMI)
64	1	U8	LM339
65	1	U11	LM555
66	3	J1,J2,J3	HEADER 2 VIE
67	3	J4,J5,J6	HEADER 3 VIE
68	1	J7	HEADER 5 VIE
69	1	BZ1	BUZZER 12V
70	1	K1	RELAY SPNO 24V 40A 1,6W
71	4	M1,M2,M3,M4	DISTANZIALI OTTONE 8x15 FILETTO 4mm