

MightyOhm Engineering
AVR HV Rescue Shield
Bill of Materials
J. Keyzer

Item	Qty	Refdes	Value	Description
1	1	PCB1	NA	2L FR4 1.8x2.1"
2	1	IC3	LT3464-TSOT	IC CONV BOOST MICROPWR TSOT23-8
3	1	U1	MUN5311DW1T1G	Complementary 50V NPN & PNP
4	1	LED1	RED	LED SS 3MM 625NM RED DIFF
5	1	LED2	GREEN	LED 3MM SHORT LENS GREEN TRANSP
6	1	R23		100 RES 100 OHM 1/6W 5% CARBON FILM
7	2	R19,R20		330 RES 330 OHM 1/6W 5% CARBON FILM
8	1	R20	1K	RES 1.0K OHM 1/6W 5% CARBON FILM
9	1	R24	1K	RES 1.00K OHM 1/8W 1% 0805 SMD
10	1	R21	137K	RES 137K OHM 1/8W 1% 0805 SMD
11	1	R22	1.21M	RES 1.21M OHM 1/8W 1% 0805 SMD
12	1	C2	0.22uF	CAP CER .22UF 50V X7R 0805
13	1	C3	0.47uF	CAP CER .47UF 25V X5R 0805
14	1	C1	1uF	CAP CER 1.0UF 10V X7R 0805
15	1	L1	22uH	INDUCTOR 22UH 100MA 10% SMD
16	1	IC1	N/A	SOCKET IC OPEN FRAME 28POS .3"
17	1	IC2	N/A	SOCKET IC OPEN FRAME 20POS .3"
18	1	IC4	N/A	SOCKET IC OPEN FRAME 8POS .3"
19	1	J1, J3, J2	NA	SINGLE ROW HEADER, 1 X 40
20	1	S1	GO	SWITCH TACT 6MM SPST H=5MM
21	1	C4	DNP	not installed
22	1	C5	DNP	not installed
23	1	TP1	12V_SW	test point