Mosquito Mk II PCB v1.1 · parts list

In the order they go in. Tick each one as you solder it. Guide: messopedals.com/diy/onion-madder/pcb/mosquito-mk2/

	Qty	Value	Part	Spot it	On the board
☐	2	**1K**	resistor	brown, black, red	R1, R2
☐	1	**2.2K**	resistor	red, red, red	R3
☐	1	**1N5817**	diode	band to K square pad	D1
☐	2	**10 nF**	ceramic cap	printed 103	C1, C2
☐	1	**100 nF**	ceramic cap	printed 104	C4
☐	2	**NE555**	chip, 8-pin	notch to square pad	U1, U2
☐	1	**10 µF**	electrolytic	long leg to + square pad	C3
☐	1	**LED**	LED	short leg to square pad	LED1
☐	1	**SPDT**	toggle, PCB mount	three pins in a row	SW1
☐	2	**B500K**	pot, 9 mm	B = linear. Bourns PTV09A-4020F-B504	RV1, RV2
☐	1	**B10K**	pot, 9 mm	B = linear. Bourns PTV09A-4020F-B103	RV3

Off the board

☐	1	DC jack and a 9V supply, center negative, or a 9V battery and snap: + to DC+, - to GND
☐	1	3.5 mm mono jack for the output
☐		Hookup wire for the headers
☐		The Mosquito Mk II PCB