

Bill of Materials - Germanium Fuzz Pedal by ElectroSmash

Reference	Description	Manufacturer/Mouser PN	Manufacturer
Resistors			
R0	1M MFR (10M also good)	603-MFR-25FRF521M	Yageo
R1	470R Carbon, 1/2W	279-CBT50J470R	TE Connectivity
R2	100K Carbon, 1/2W	279-CBT50J100K	TE Connectivity
R3	10K MFR	603-MFR-25FRF5210K	Yageo
Trimmer1	100K Multiturn trimmer	PV36W104C01B00	Burns
Trimmer2	100K Multiturn trimmer	PV36W104C01B00	Burns
Potentiometer VR1	500K Audio	RV16AF-10-15K-A500K-3LA	Alpha
Potentiometer VR2	1K Reverse Log Tap	RV16AF-10-15K-C1K-3LA	Alpha
Capacitors			
C1	2.2 uF	TN2R2K2ABK-0613P	Lelon
C3	10nF	103MWR400K	Illinois Capacitor
C2	20uF	75-TE1157-E3	Vishay
C4	470uF/16V	860020374012	Wurth
Cx (2 units optional)	100pF	594-K101K10X7RF5UH5	Vishay
Diodes			
D1	1N5817	511-1N5817	STMicroElectronics
D2	5mm red high intensity	C503C-RCS-CYBYCAA2	CREE
Semiconductors			
Q2, Q3	PNP Germanium	USSR Russian transistors	
Other			
Turrets x 10	6mm turret pin	2506-2-00-44-00-00-07-0	Mill-Max
J6, J7	Neutrix 1/4 stereo	NMJ6HCD2	Neutrik
SW5	3PDT Footswitch	107-SF17020F-32-21RL	Alpha
Enclosure	Hammond 1590	1590BRD	Hammond
Led holder	5mm metal led holder	485-2178	Adafruit
Plastic Knobs x 2	Davies 1510	1510AH	Davies
Grounding spring	Spring clip	534-5204	Keystone
Battery connector	9B battery connector	121-0526/I-GR	Eagle
Jumper cables	10 FPC jumper cable	FSN-21A-10	TE Connectivity
plastic isolators x2	PVC 85x55 card	Blank credit card style	