

# Wired Tub Screamer BOM

Updated: 12/17/2013

## Resistors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	220Ω	R9	291-220-RC	<input type="checkbox"/>
1	470Ω	R14	291-470-RC	<input type="checkbox"/>
5	1kΩ	R1, R2, R10, R11, R18	291-1K-RC	<input type="checkbox"/>
1	4.7kΩ	R6	291-4.7K-RC	<input type="checkbox"/>
4	10kΩ	R4, R13, R16, R17	291-10K-RC	<input type="checkbox"/>
1	47kΩ	R7	291-47K-RC	<input type="checkbox"/>
1	100kΩ	R15	291-100K-RC	<input type="checkbox"/>
1	470kΩ	R5	291-470K-RC	<input type="checkbox"/>
3	510kΩ	R3, R8, R12	291-510K-RC	<input type="checkbox"/>

TOTAL: 18

## Capacitors:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	51pF Ceramic	C4	140-50N5-510J-RC	<input type="checkbox"/>
1	18nF Ceramic	C1	581-SR155C183KAR	<input type="checkbox"/>
2	47nF Ceramic	C2, C3	810-FK28X7R1H473K	<input type="checkbox"/>
1	100nF Ceramic	C13	80-C322C104K5R	<input type="checkbox"/>
1	220nF Ceramic	C12	810-FK28X5R1E224K	<input type="checkbox"/>
1	1μF Ceramic	C7	810-FK18X5R1E105K	<input type="checkbox"/>
1	10μF Electrolytic	C9	871-B41827A9106M000	<input type="checkbox"/>
2	47μF Electrolytic	C10, C11	667-ECE-A1CKS470	<input type="checkbox"/>
2	220nF Tantalum	C5, C6	581-TAP224K035SCS	<input type="checkbox"/>

TOTAL: 12

## Diodes:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	Red LED	LED1	604-WP7113ID	<input type="checkbox"/>
1	1N4002 Diode	D4	863-1N4002G	<input type="checkbox"/>
3	1N4148 Diode	D1, D2, D3	512-1N4148	<input type="checkbox"/>

TOTAL: 5

## Transistors:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
2	2N3904	Q1, Q2	512-2N3904BU	<input type="checkbox"/>

TOTAL: 2

## Integrated Circuits:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	8-Pin Socket	IC1	649-DILB8P-223TLF	<input type="checkbox"/>
1	4558 OpAmp IC	IC1	513-NJM4558D	<input type="checkbox"/>

TOTAL: 2

## Potentiometers:

QTY	Value	Ref.	Mouser Part #	<input type="checkbox"/>
1	20kΩ Linear	R20	858-P160KN-0QC15B20K	<input type="checkbox"/>
1	100kΩ Linear	R21	858-P160KN0QC15B100K	<input type="checkbox"/>
1	500kΩ Audio	R19	858-P160KN0QC15A500K	<input type="checkbox"/>

TOTAL: 3

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## Switches:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
2	SPDT	SW2, SW3	Various Suppliers	<input type="checkbox"/>
1	3PDT Latching Stomp	SW1	Various Suppliers	<input type="checkbox"/>

TOTAL: 3

## Jacks/Connectors:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	1/4" Mono	J3	550-10021	<input type="checkbox"/>
1	1/4" Stereo	J2	568-NYS212	<input type="checkbox"/>
1	9V Battery Clip	9V Battery	12BC312-GR	<input type="checkbox"/>
1	DC Jack	J1	Various Suppliers	<input type="checkbox"/>

TOTAL: 4

## Other:

QTY	Part	Ref.	Mouser Part #	<input type="checkbox"/>
1	5ft. Wire	Wire	Various Suppliers	<input type="checkbox"/>
1	PCB	PCB	Synthrotek	<input type="checkbox"/>

TOTAL: 2