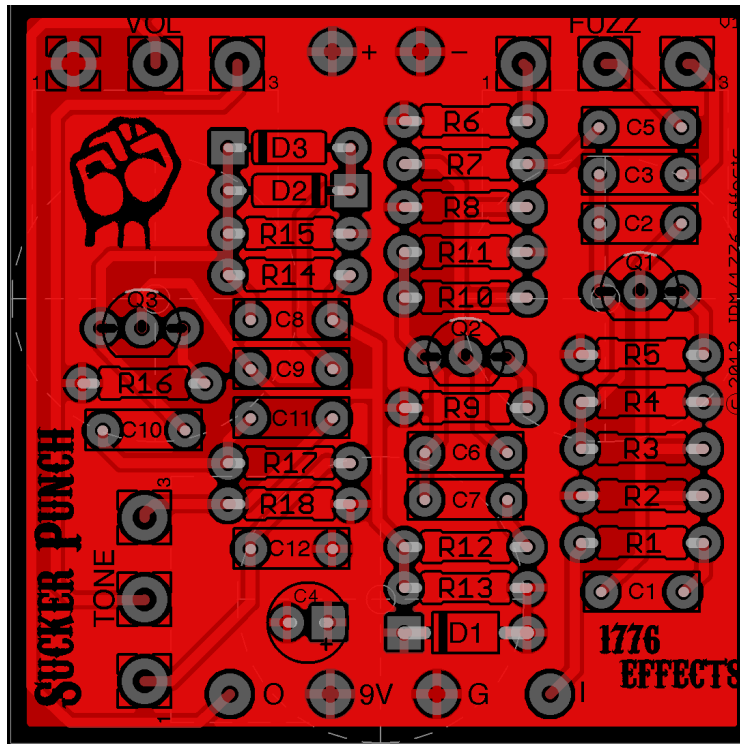


SUCKER PUNCH

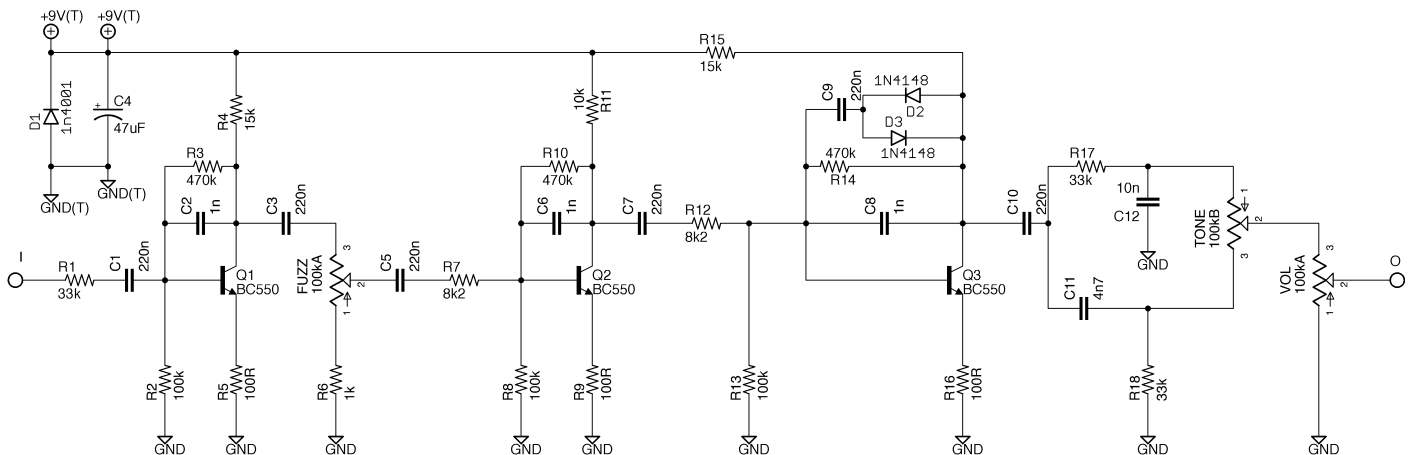
Project by 1776 Effects/JRM ©2012



The Sucker Punch is based off the Colorsound Bass Fuzz. The PCB can also be used for a Colorsound Jumbo Tonebender. Just use the proper BOM. Either way it will create a raunchy high gain fuzz that is sure to please fuzz freaks!

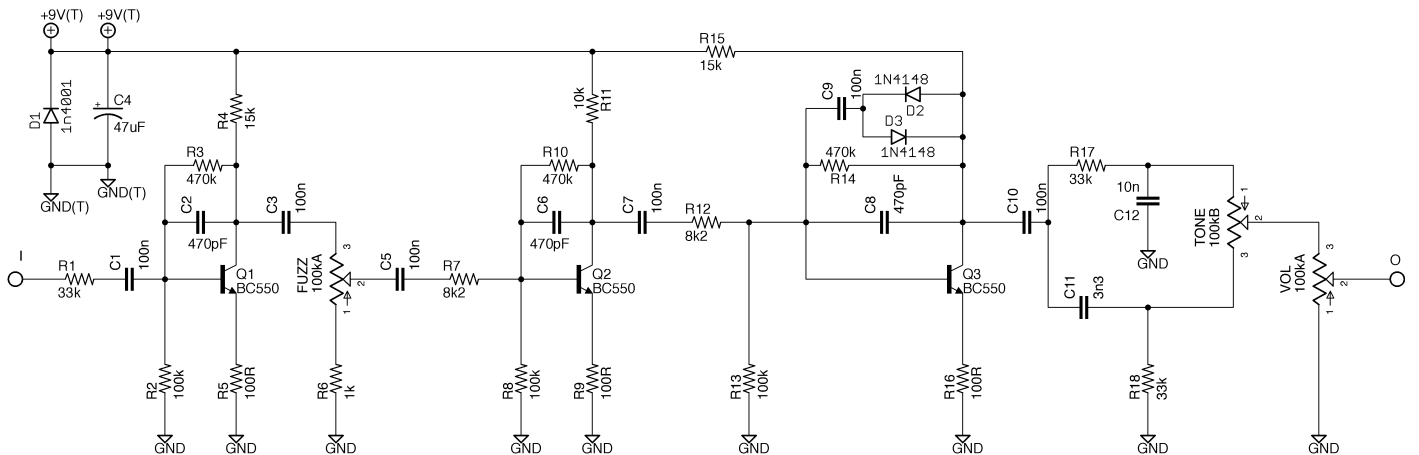
COLORSOUND BASS FUZZ

<i>Resistors</i>				<i>Capacitors</i>		<i>Diodes</i>	
R1	33k	R12	8k2	C1	220n	D1	1n4001
R2	100k	R13	100k	C2	1n	D2	1N4148
R3	470k	R14	470k	C3	220n	D3	1N4148
R4	15k	R15	15k	C4	47uF	<i>Transistors</i>	
R5	100R	R16	100R	C5	220n	Q1	BC550
R6	1k	R17	33k	C6	1n	Q2	BC550
R7	8k2	R18	33k	C7	220n	Q3	BC550
R8	100k			C8	1n	<i>Potentiometers</i>	
R9	100R			C9	220n	VOL	100kA
R10	470k			C10	220n	TONE	100kB
R11	10k			C11	4n7	FUZZ	100kA
				C12	10n		



COLORSOUND SUPER TONEBENDER

<i>Resistors</i>				<i>Capacitors</i>		<i>Diodes</i>	
R1	33k	R12	8k2	C1	100n	D1	1n4001
R2	100k	R13	100k	C2	470pF	D2	1N4148
R3	470k	R14	470k	C3	100n	D3	1N4148
R4	15k	R15	15k	C4	47uF	<i>Transistors</i>	
R5	100R	R16	100R	C5	100n	Q1	BC550
R6	1k	R17	33k	C6	470pF	Q2	BC550
R7	8k2	R18	33k	C7	100n	Q3	BC550
R8	100k			C8	470pF	<i>Potentiometers</i>	
R9	100R			C9	100n	VOL	100kA
R10	470k			C10	100n	TONE	100kB
R11	10k			C11	3n3	FUZZ	100kA
				C12	10n		



1976 COLORSOUND JUMBO TONEBENDER

VERSION COURTESY OF JUANSOLO

[HTTP://STOMPAG.JUANSOLO.CO.UK](http://stompag.juansolo.co.uk)

<i>Resistors</i>				<i>Capacitors</i>		<i>Diodes</i>	
R1	39k	R12	10k	C1	100n	D1	1n4001
R2	100k	R13	100k	C2	470pF	D2	1N4148
R3	470k	R14	470k	C3	100n	D3	1N4148
R4	15k	R15	15k	C4	33uF	<i>Transistors</i>	
R5	100R	R16	100R	C5	100n	Q1	BC550
R6	1k	R17	39k	C6	470pF	Q2	BC550
R7	10k	R18	39k	C7	100n	Q3	BC550
R8	100k			C8	470pF	<i>Potentiometers</i>	
R9	100R			C9	100n	VOL	100kA
R10	470k			C10	100n	TONE	100kB
R11	10k			C11	4n7	FUZZ	100kA
				C12	10n		

Notes:

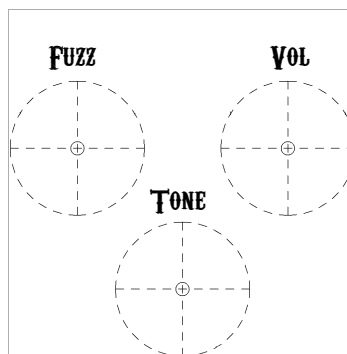
There is an extra ground and +9V pad at the top of the pcb for convenience, they do not need to be hooked up.

You can sub some different NPN transistors for experimentation. Check pin outs.

Diodes D2 and D3 can be experimented with as well.

Drill Guide

Print this document %100 scale.



Board Dimensions

46mm x 46mm (1.81" x 1.81")

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