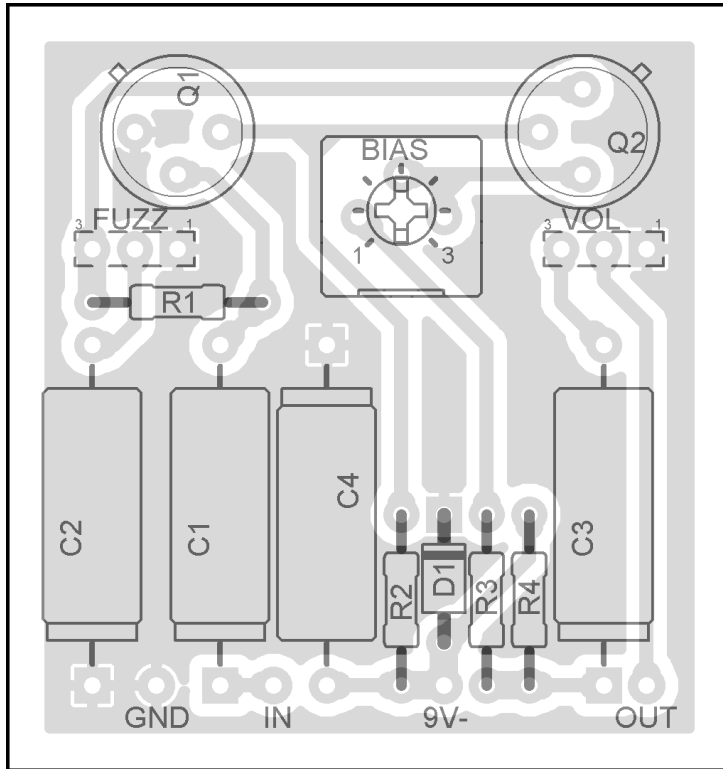


ZYGOTE — MOJO ED.

(based on the Dallas Arbiter Fuzz Face)

PCB artwork ©2010 madbeanpedals

Ver.1 03.15.10



Resistors

R1	100k
R2	33k
R3	100R
R4	470R

Caps

C1	2.2uF
C2	22uF
C3	.01uF
C4	47uF

Diodes

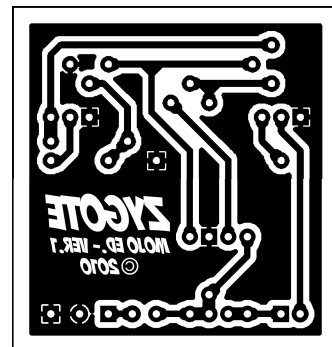
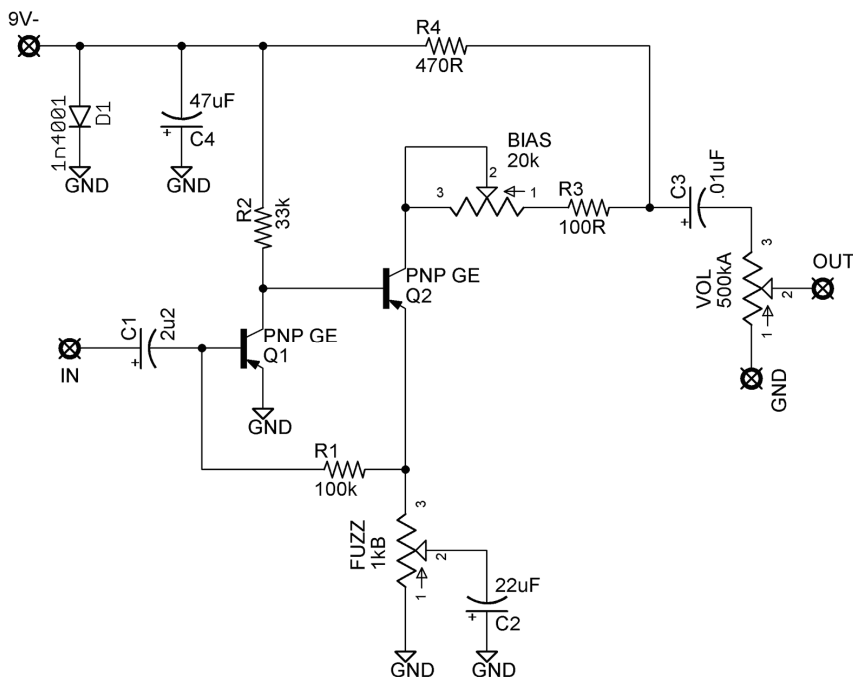
D1	1n4001
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Transistors

Q1 - Q2	PNP GE
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Pots

BIAS	20k Trim
VOL	500kA
FUZZ	1kB



Notes

This is a positive ground effect!

- Adjust the Bias trimpot until you get -4.5V on the collector of Q2
- You can also make this adjustment by ear.
- You can purchase PNP germanium transistors from a variety of sources including eBay, the forums and www.smallbearelec.com.
- Steve provides the correct resistor values to use for perfect bias in the transistor pairs he ships. Feel free to sub those values in the Zygote, if you like.
- C3 does not have to be electrolytic. Standard film will work fine.

For my build, I used the following (for extra mojo)

C1 – 2uF Sprague Atom

<http://www.mouser.com/Search/ProductDetail.aspx?R=TVA1301-E3virtualkey61320000virtualkey75-TVA1301-E3>

C2 – 20uF Sprague Atom

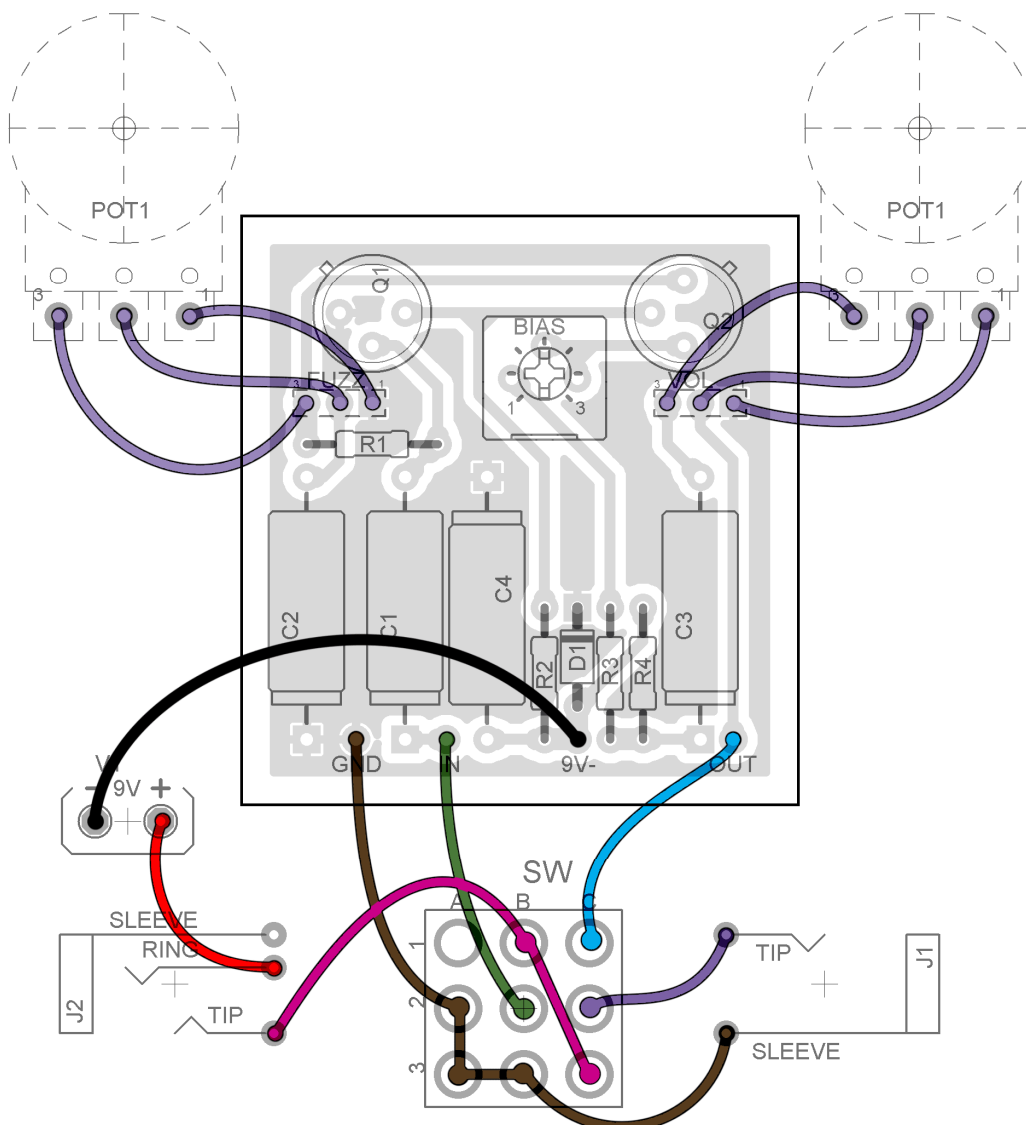
<http://www.mouser.com/Search/ProductDetail.aspx?R=TVA1204.5virtualkey61320000virtualkey75-TVA1204.5>

C3 – .01uF Cornell Dubiler Polypropylene

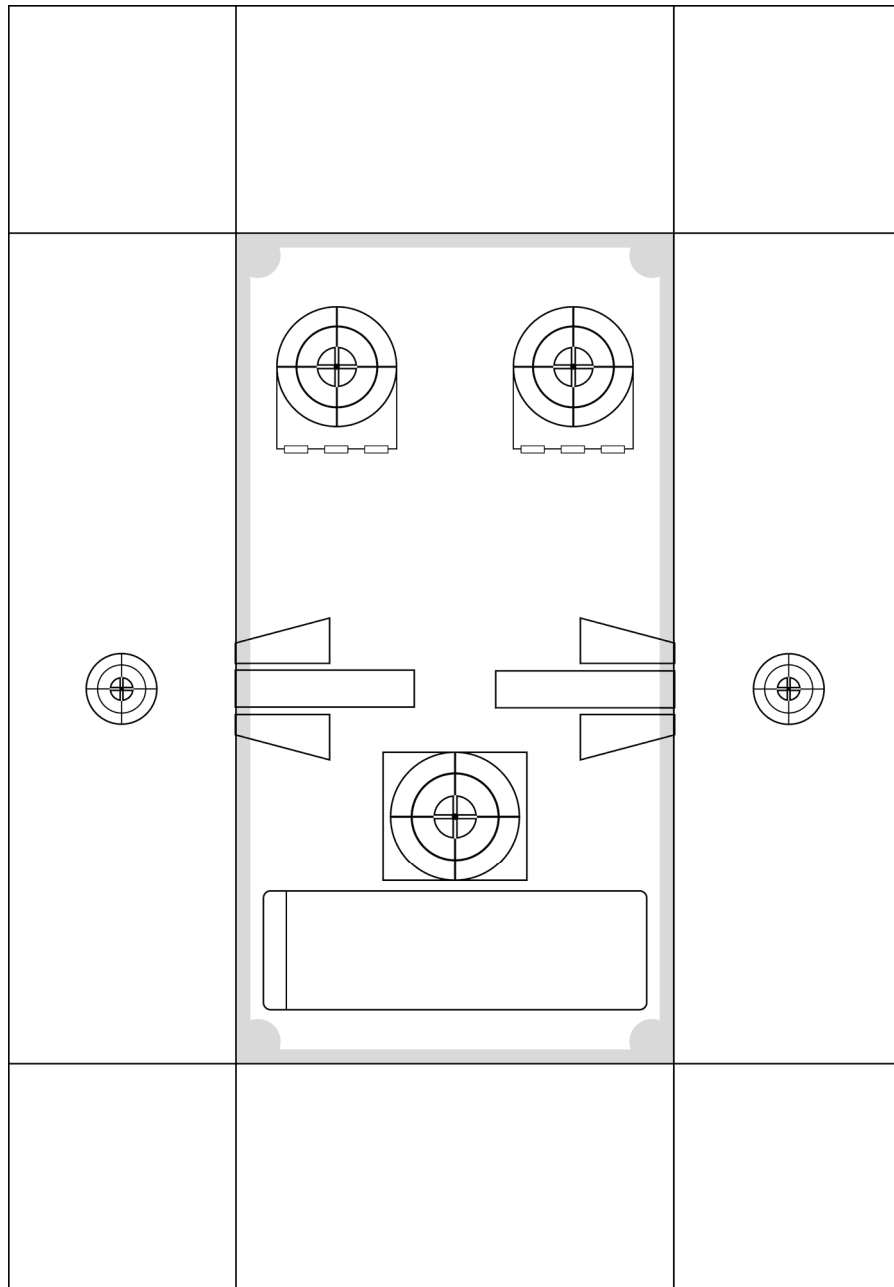
<http://www.mouser.com/Search/ProductDetail.aspx?R=170103J250AAvirtualkey53900000virtualkey539-170103J250AA>

C4 – 50uF Sprague Atom

<http://www.mouser.com/Search/ProductDetail.aspx?R=TVA1206-E3virtualkey61320000virtualkey75-TVA1206-E3>



1590B/1290S Enclosure



This drilling template is provided "as is". Use at your own risk!