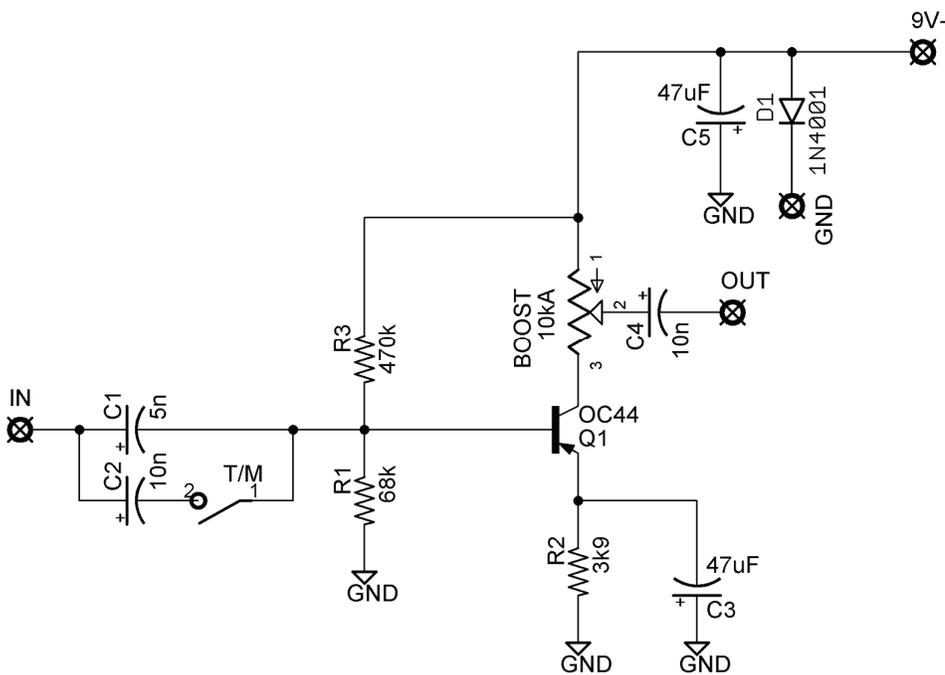
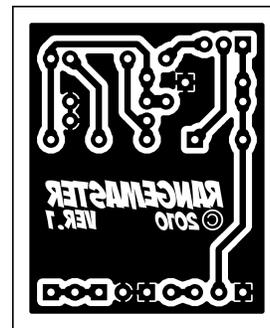
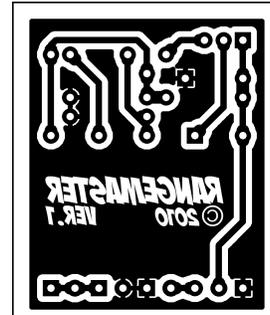
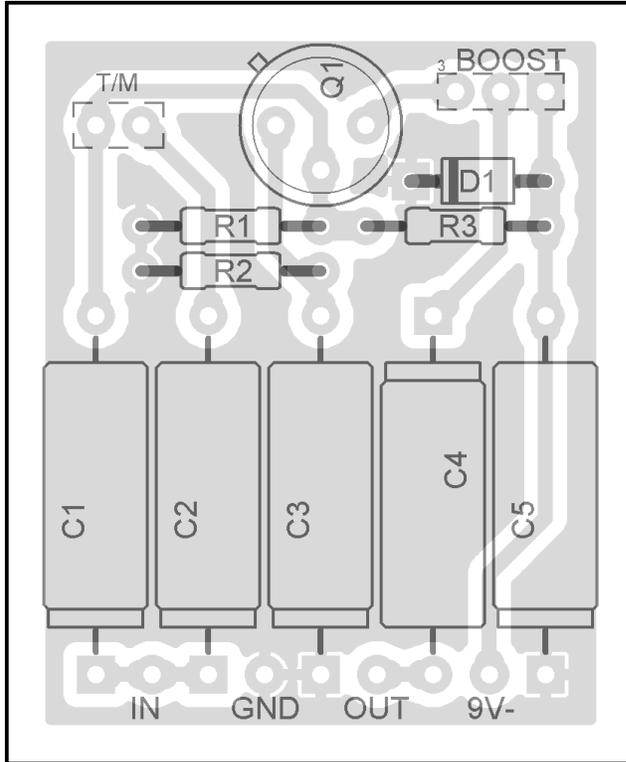


# RANGEMASTER

PCB artwork ©2010 madbeanpedals  
Ver.1 03.15.10



## Resistors

R1	68k
R2	3k9
R3	470k

## Caps

C1	5n
C2	10n
C3	47uF
C4	10n
C5	47uF

## Diodes

D1	1N4001
Transistors	
Q1	OC44

## Switches

T/M	SPST
-----	------

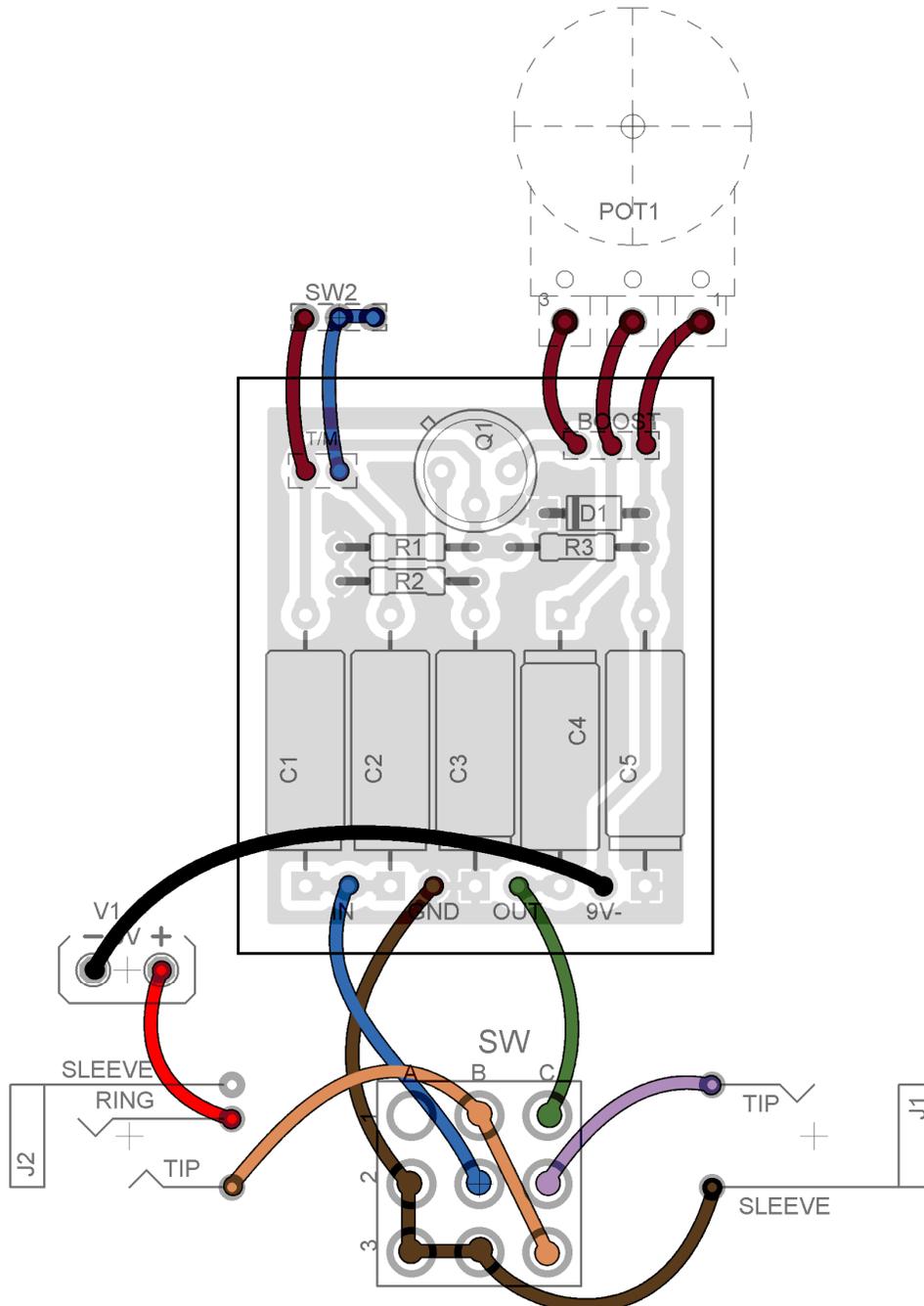
## Pots

BOOST	10kA
-------	------

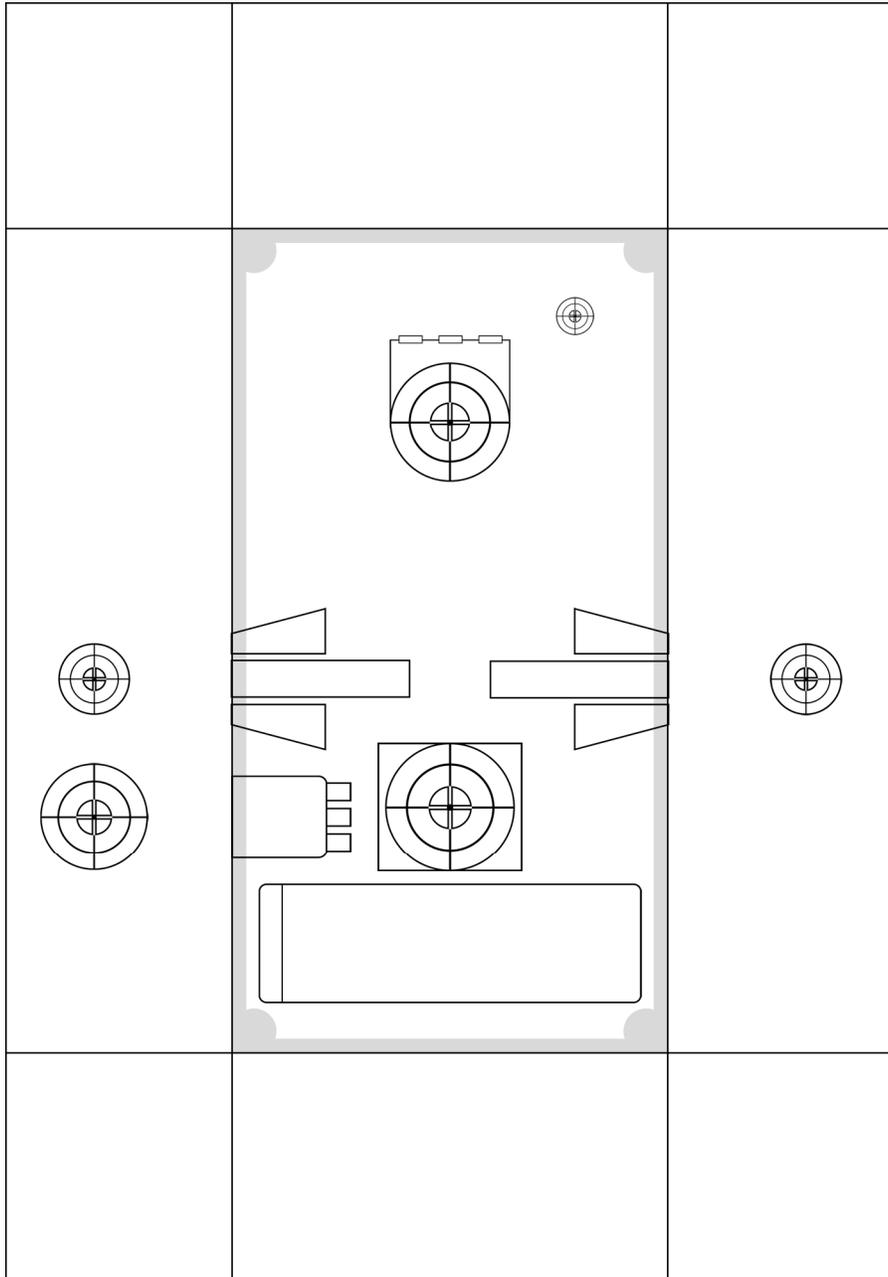
## Notes

### **This is a positive ground effect!**

- The T/M switch lets you choose between treble boost or mid boost.
- The T/M switch can be either an SPST or SPDT.
- OC44 is the standard transistors, but others will work. You can find a wide selection of possible transistors at [www.smallbearelec.com](http://www.smallbearelec.com).
- Metal film resistors will give you the lowest noise floor. Carbon comp will give you the most bragging rights.
- You can find a decent selection of Sprague Atom electrolytic caps at [www.mouser.com](http://www.mouser.com). C1, C2 and C4 do not have to be electrolytic. They are simply drawn that way on the schematic.



**1590B/1290S Enclosure**



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