

Description:

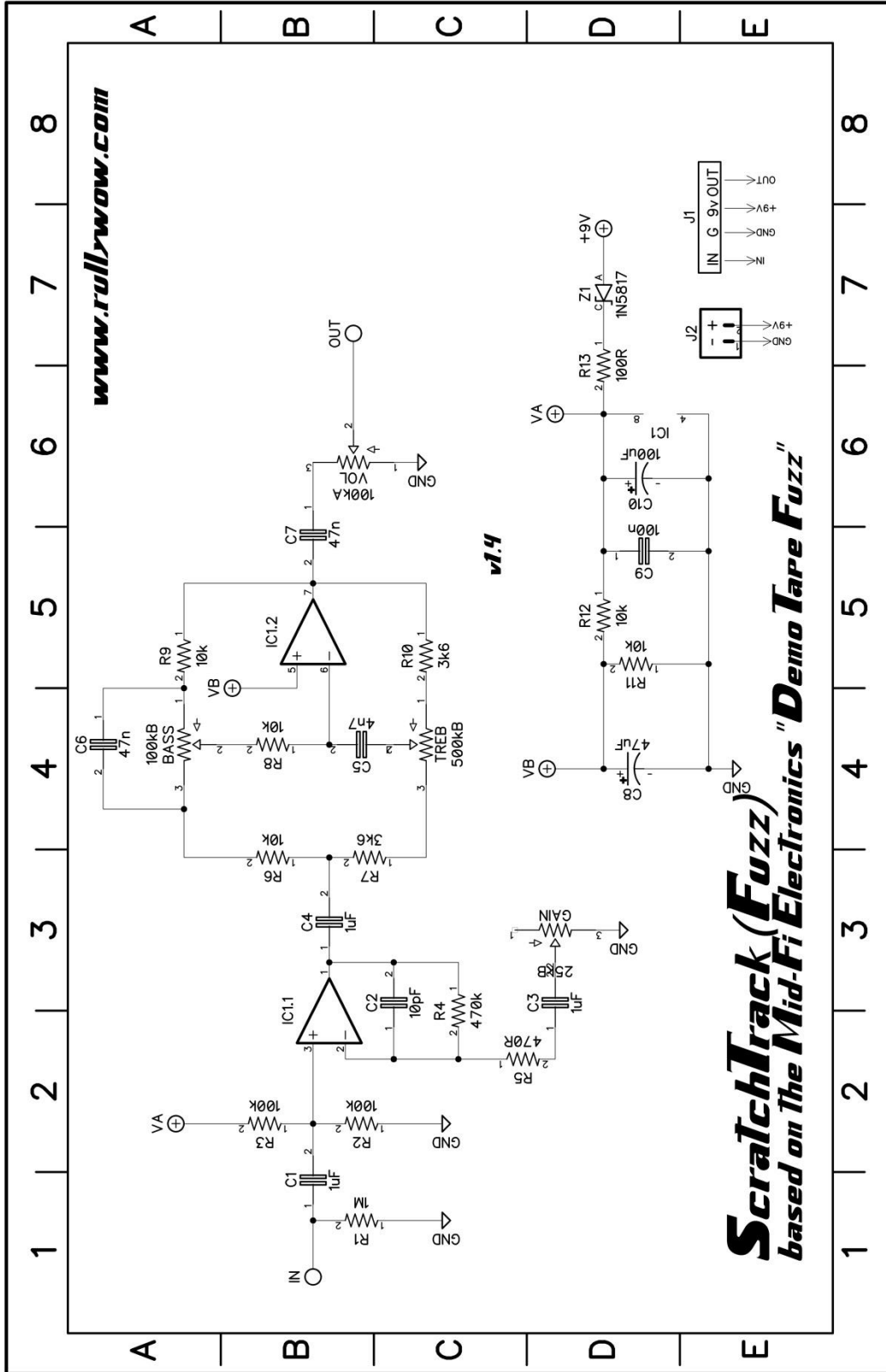
Inspired by the "Demo Tape Fuzz", the Scratch Track was designed to emulate the sounds of a 4-track tape unit when overdriven. The result is a tasty, touch sensitive fuzz which is very useable in lots of situations. The VOL, GAIN, TREBLE, and BASS controls allow you to shape your tone further. Easy build, and rewarding!

ScratchTrack v1.4

<i>Caps</i>			<i>Diode</i>		<i>Resistors</i>	
C1	1uF	film	D1	1n5817	R1	1M
C2	10pF	ceramic	Pots		R2	100k
C3	1uF	film	BASS	100kB	R3	100k
C4	1uF	film	GAIN	25kB	R4	470k
C5	4n7	film	TREBLE	500kB	R5	470R
C6	47n	film	VOL	100kA	R6	10k
C7	47n	film	IC		R7	3k6
C8	47uF	electro	IC1	4558 (dual)	R8	10k
C9	100n	film			R9	10k
C10	100uF	electro			R10	3k6
					R11	10k
					R12	10k
					R13	100R

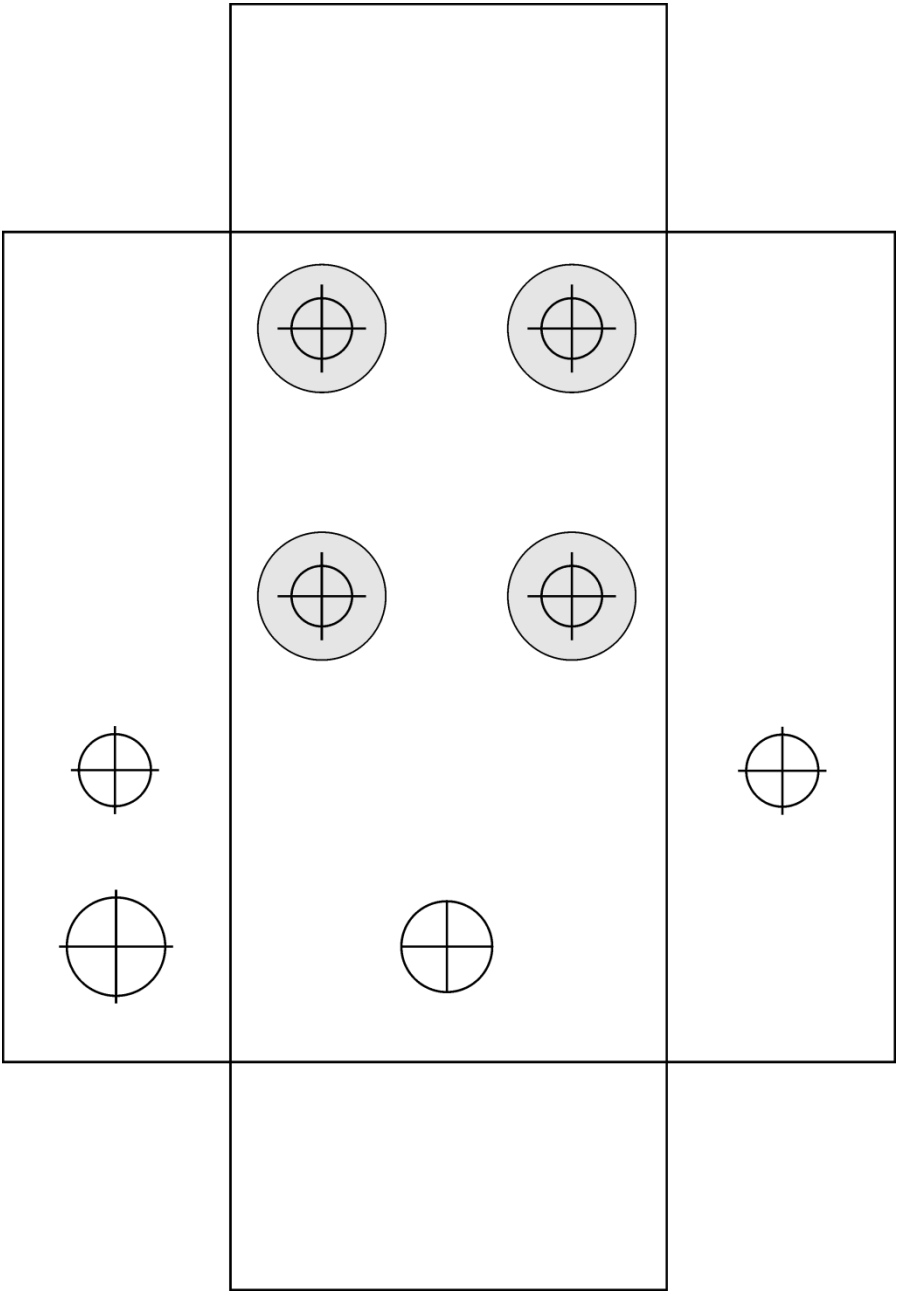
Build Tips:

- It is a good call to solder components from shortest height to tallest. In this case, you should start with resistors, diodes, film caps, IC, and the electrolytic caps last.
- The opamp is a standard DIP8 dual. You may want to try others such as TL072, NE5532, etc for slightly different tones
- The IN/G/9V/OUT pads are a direct match to Rullywow.com 3PDT and Optical Bypass PCBs
- The extra G/9V pads at the top of the board are for courtesy, in case you want to put a power jack at the top of the enclosure
- All pots are 16mm Alpha PCB mount. It is a very good idea to drill holes in your enclosure first, and mount the pots with the nuts **BEFORE** soldering the pots to the PCB. This ensures you won't put a lot of stress on the PCB.
- Be sure to insulate the pots from shorting on the back of the PCB. There are special pot covers or you may use tape or some other insulating material.
- Before putting your creation into its enclosure, you should always test it! If it doesn't work outside the enclosure, it won't work inside (I promise!)

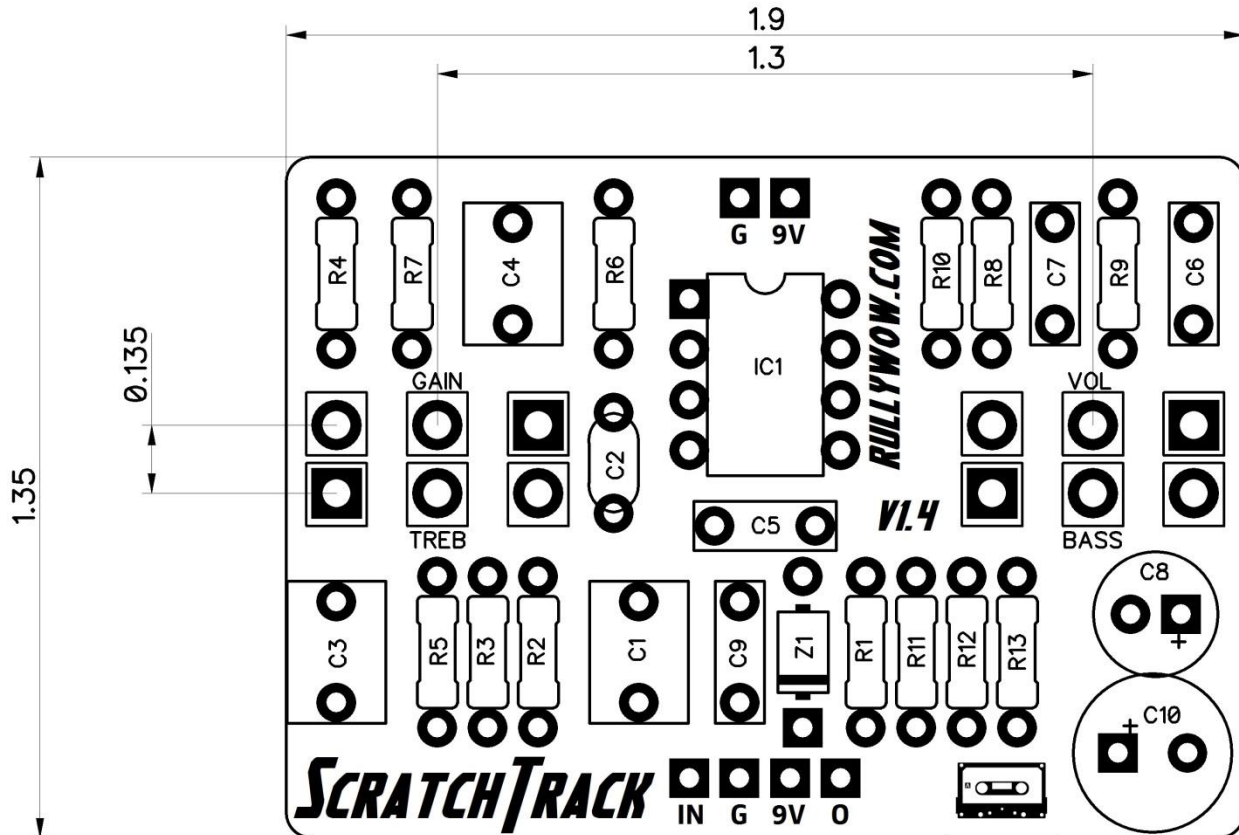


Drill Guide (1590B) :

This is an *APPROXIMATE* drill guide. Enclosures differ in size so be sure to measure before your commit to drill!



PCB Dimensions = 1.9" w x 1.35" h



Terms of Use:

- PCBs from www.rullywow.com are intended for DIY use and are not allowed for commercial resale. It is OK to build (and sell) a few pedals for your friends, bandmates, yourself (that is what the DIY guitar pedal community is all about!)