

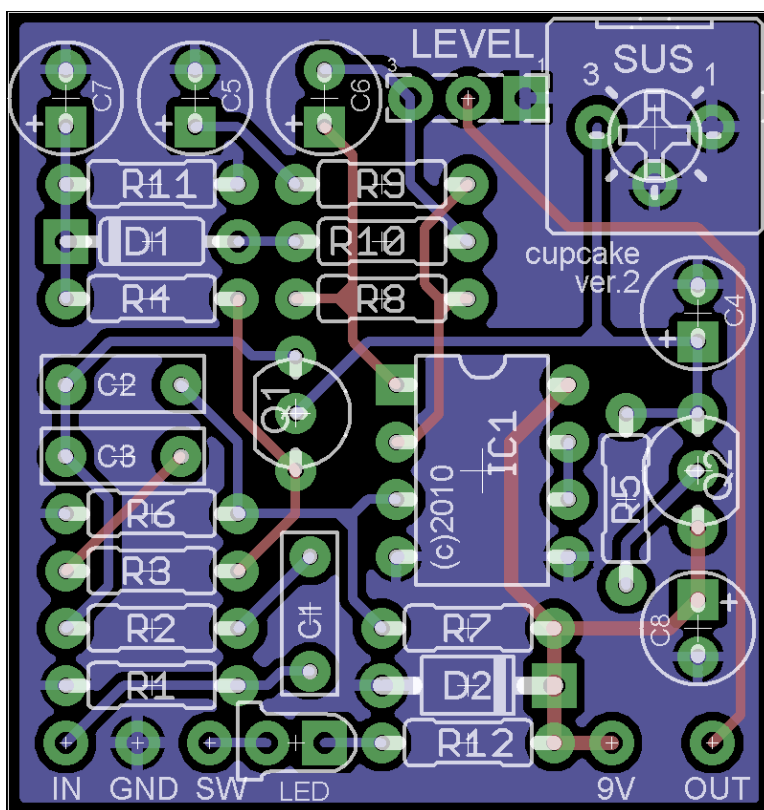
MADBEANPEDALS PRESENTS

CUPCAKE

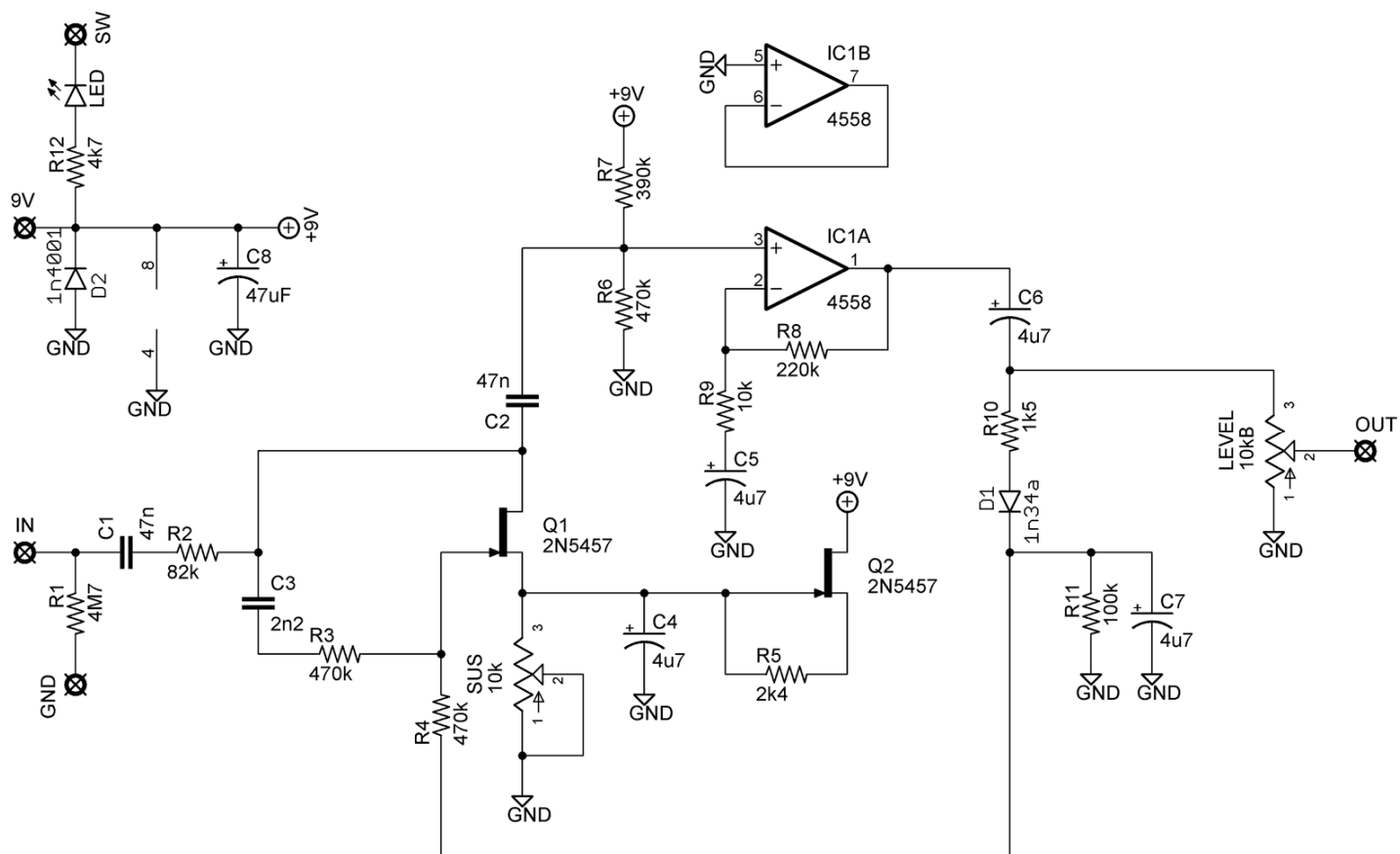
(based on the Dan Armstrong Orange Squeezer)

PCB artwork ©2010 madbeanpedals

Ver.2 10.15.10



Resistors		Caps		IC	
R1	4M7	C1	47n	IC1	4558
R2	82k	C2	47n	Diodes	
R3	470k	C3	2n2		
R4	470k	C4	4u7	D1	1n34a
R5	2k4	C5	4u7	D2	1n4001
R6	470k	C6	4u7	Pots	
R7	390k	C7	4u7		
R8	220k	C8	47uF	SUS	10k trimpot
R9	10k	Transistors		LEVEL	10k
R10	1k5				
R11	100k				
R12	4k7	Q1, Q2	2N5457		



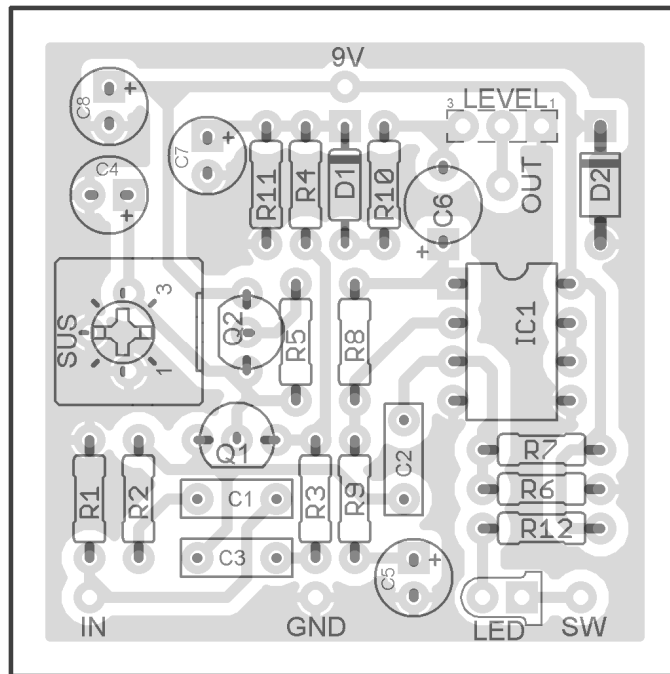
Notes

- The SUS trim pot adjusts the maximum compression allowed. As you turn it up, compression will increase, but so will noise and distortion. Set this trimmer at a point where you feel you get the most compression with the least amount of noise and distortion. You may sub a 10kB pot is you want this as an external control.

Parts

- Xicon General or Hi-Temp radial electrolytic caps, 25v
- Xicon carbon or metal film resistors, $\frac{1}{4}W$
- Panasonic ECQ-V or WIMA box caps, 25v or above
- Alpha 16mm potentiometers

SINGLE SIDED VERSION – FOR ETCHING



1.71" x1.71" (w / borders)

