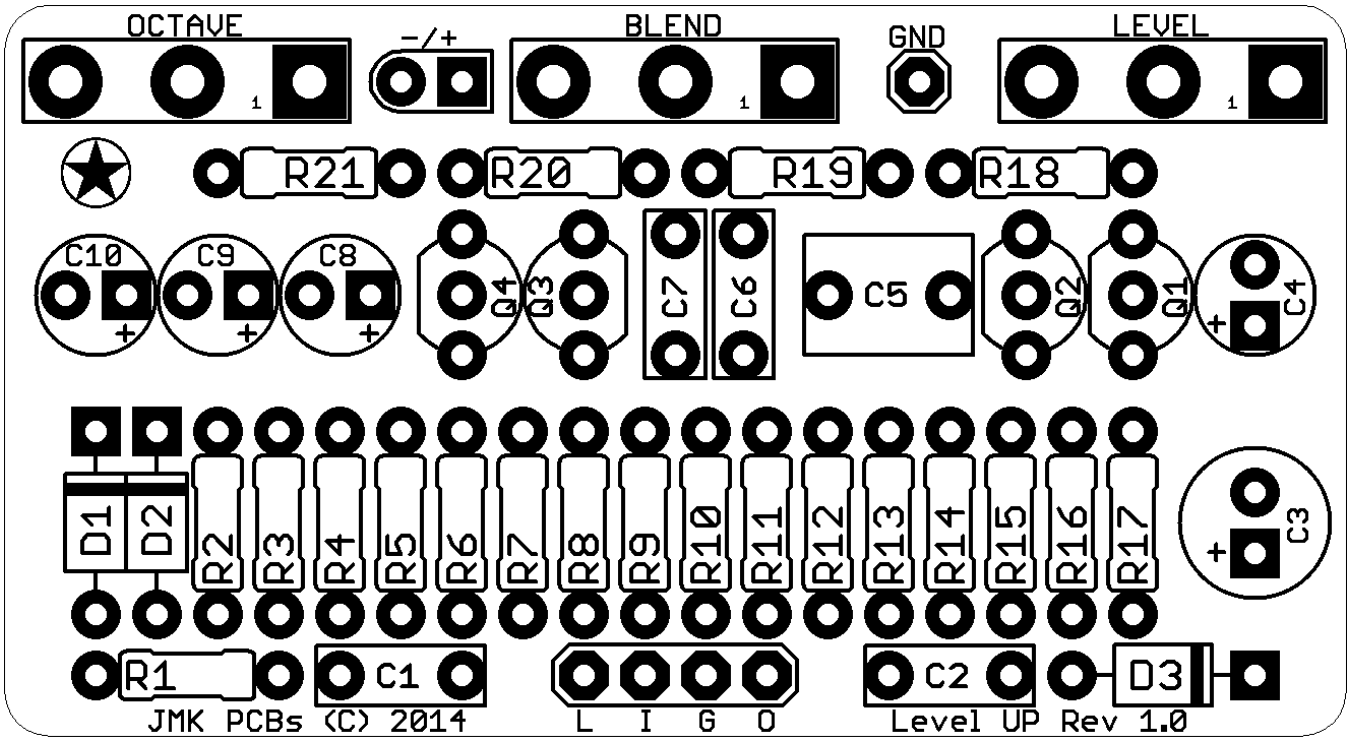
JMK PCBS PRESENTS...

LEVEL UP

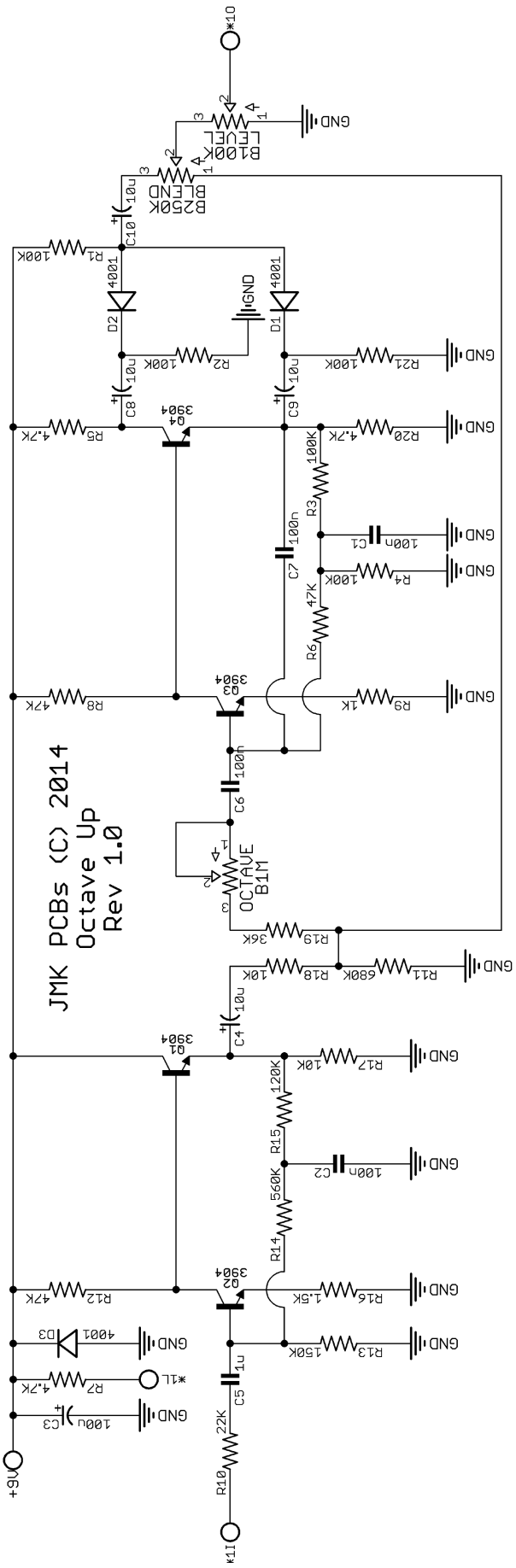
PCB AND SCHEMATIC ARTWORK (C) 2015 JMK PEDALS

VERSION 1.0.1: 15/8/2015



Resistors						Capactitors				Semiconductors	
R1	100K	R8	47K	R15	120K	C1	100n	C6	100n	Q1-4	2N3904
R2	100K	R9	1K	R16	1.5K	C2	100n	C7	1n	D1-D3	1N4001
R3	100K	R10	22K	R17	10K	C3	100u	C8	10u	Potentiometer	
R4	100K	R11	680K	R18	10K	C4	10u	C9	10u	OCTAVE	B1M
R5	4.7K	R12	47K	R19	36K	C5	1u	C10	10u	BLEND	B250K
R6	47K	R13	150K	R20	4.7K					LEVEL	B100K
R7	4.7K	R14	560K	R21	100K						

This Document is designed for personal use only! Do not use this to create a product for sale without permission of it's owner: jmkpcbs@gmail.com



This Document is designed for personal use only! Do not use this to create a product for sale without permission of it's owner: jmkpcbs@gmail.com

Build Notes

• The Level Up is a clone of a fairly obscure pedal that allows the user to blend in a clean octave up with their original signal. The controls for this effect allow for a fairly varied sound as an end result, but largely gives the user a not quite fuzz/not quite synth/ not quite clean sound, but ultimately one that is very useable and unique.

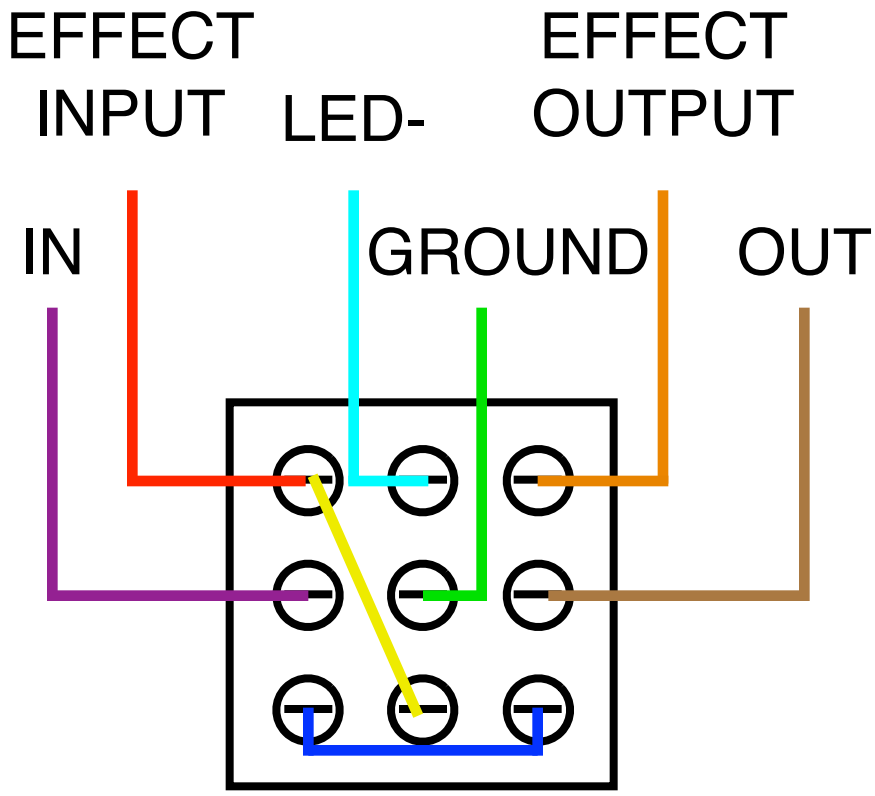
• Lots of fun can be had with this circuit, with lots of experimentation available with the transistors. We recommend that you socket your transistors, and try out any options you might have available to you. 2N3904s, 2N2222s, 2N5088s, and 2N5089s all work well.

• Hooking up the PCB is pretty simple, but to clarify: L = the connection for the + end of an LED; I = PCB Input; G = Ground for the Switch; O = PCB Output; + = 9V input; - = Ground for DC Jack; GND = Extra Ground for 1/4” Jack

• As with all of our PCBs - **We highly recommend socketing your Semiconductors!** Socketing allows you to both swap out and try new options for these parts, as well as allowing for easier replacement if a part decides to blow.

This Document is designed for personal use only! Do not use this to create a product for sale without permission of it’s owner: jmkpcbs@gmail.com

True Bypass Wiring Diagram



This Document is designed for personal use only! Do not use this to create a product for sale without permission of it's owner: jmkpcbs@gmail.com