
GuitarPCB presents

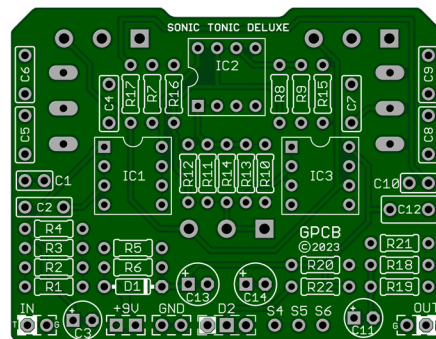
Sonic Tonic Deluxe

Based on the Sonic Stomp PRO

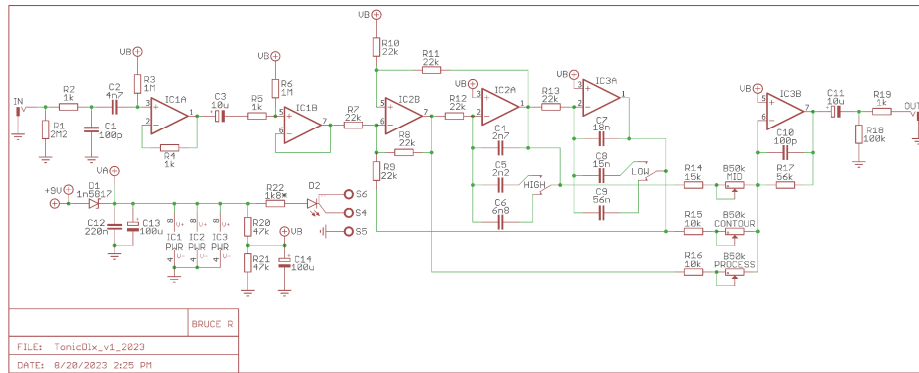
Key Features:

🌟 **Precision Tone Enhancement:** The Sonic Tonic Deluxe is your secret weapon for achieving crystal-clear, defined tones. Delivering the same clarity, punch, and definition as the acclaimed Sonic Maximizer.

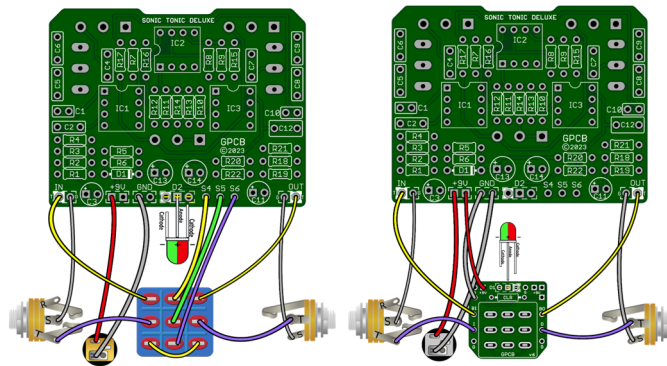
🔊 **Sonic Clarity:** Say goodbye to muddy tones! The Sonic Tonic Deluxe uses advanced phase processing to tighten up your low end and enhance clarity in your high frequencies, resulting in a richer, more vibrant sound. The Deluxe version also features a Mid-Focus control, along with High and Low switches to fine-tune each affected frequency. When the switches are in their centered Off positions, the sound corresponds to the Stock setting.



Part	Value	Part	Value	Part	Value	Part	Value
R1	2M2	R13	22k	C1	100p	C13	100u
R2	1k	R14	15k	C2	4n7	C14	100u
R3	1M	R15	10k	C3	10u	CONTOUR	B50k
R4	1k	R16	10k	C4	2n7	MID	B50k
R5	1k	R17	56k	C5	2n2	PROCESS	B50k
R6	1M	R18	100k	C6	6n8	HIGH	SPDT On-Off-On
R7	22k	R19	1k	C7	18n	LOW	SPDT On-Off-On
R8	22k	R20	47k	C8	15n		
R9	22k	R21	47k	C9	56n		
R10	22k	R22	1k8*	C10	100p	D1	1N5817
R11	22k			C11	10u	D2	Status LED
R12	22k			C12	220n	IC1 - IC3	TL072



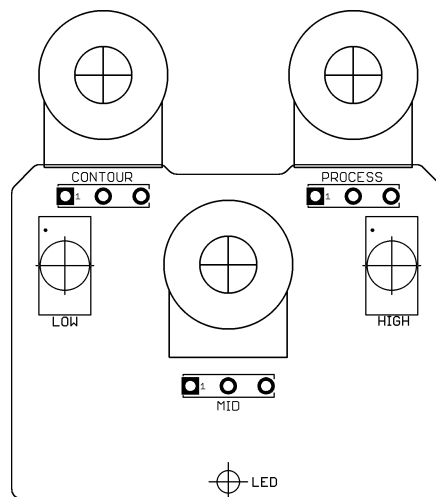
Wiring Diagram



Note: If you choose to wire the LED to our 3PDT board, there is no need to connect S4, S5, and S6 or populate D2 and *R14 (CLR) on the main board since you are wiring the LED and CLR (current-limiting resistor) directly to our wiring board. It is the builder's choice where they want their LED located.

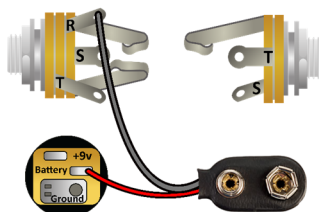
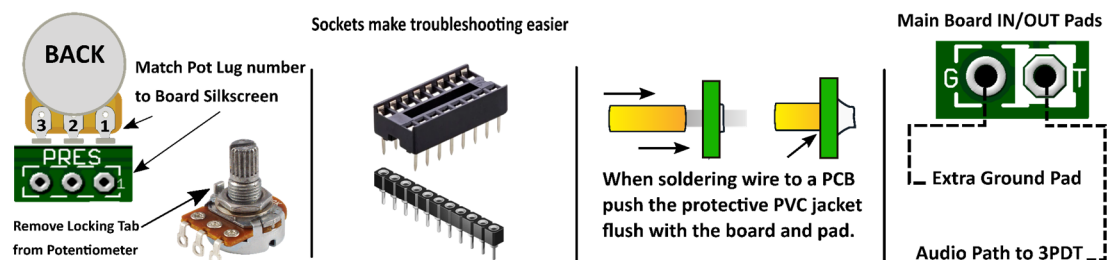
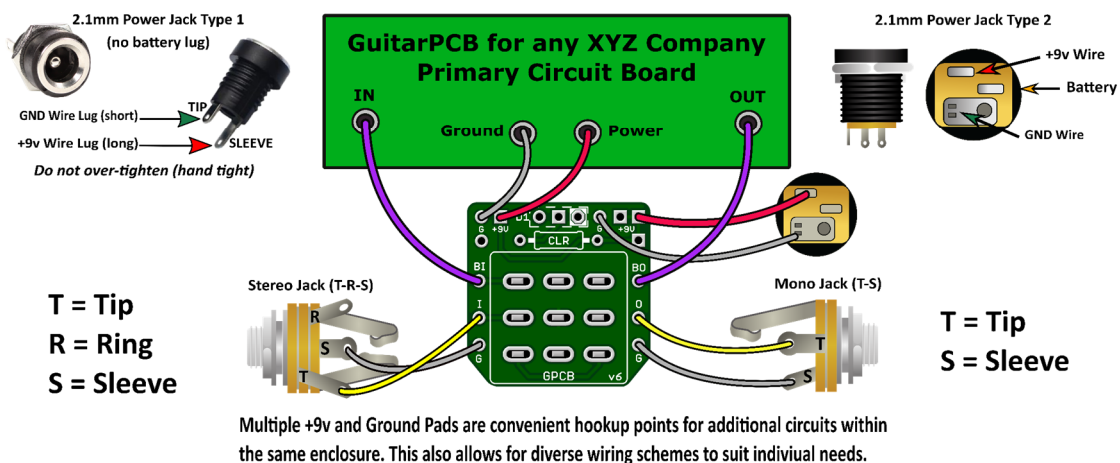
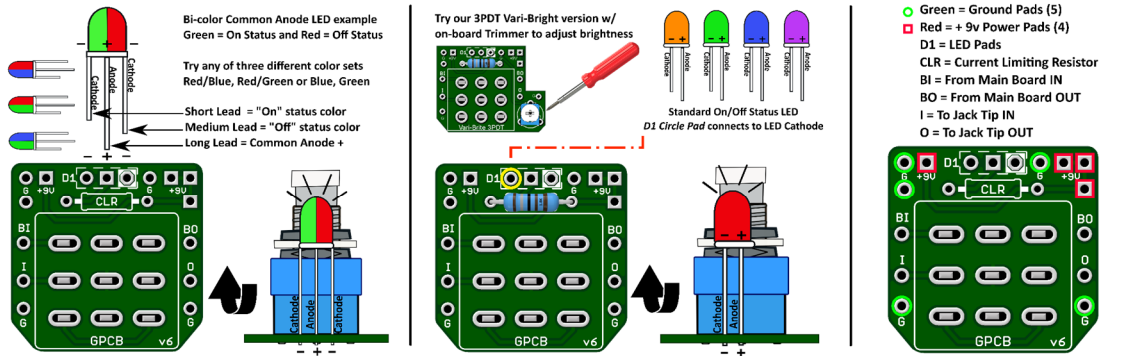
Mid Focus Mod: The Mid Focus control allows for adjustments, with the center knob rotation representing the stock setting. If you prefer to bypass the Mid Focus, use a 39k resistor for R14 and jumper pads 2 and 3 of the potentiometer PCB.

Drill Template





GuitarPCB Tip Sheet



Input/Output Jack Wiring

T = Tip | R = Ring | S = Sleeve

A Stereo Jack is only needed if using a Battery. Otherwise use a Mono Jack
 Battery Strap RED wire is connected to Power Jack
 Battery Strap Black wire is connected to RING (stereo jack)
 If wiring an LED to our 3PDT Wiring Board then S4, S5 & S6 are not needed



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