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# GuitarPCB Present

## NostalgiTone 70s British Single

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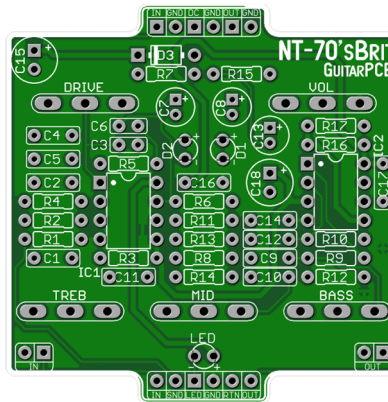
Are you ready to elevate your game? The **NostalgiTone 70s British** is here to give you the ultimate sonic experience.

**70s British:** Unlock genuine British tones effortlessly with our newest creation—an essential tool for your authentic sonic quest. Achieving those iconic British tones becomes second nature with a complete Marshall-style tone stack. This circuit offers many tonal options, transitioning from early Plexi-style tones to the revered 800 sound. Dive into an unparalleled sonic realm and sculpt your signature sound with ease.

🔧 **Easy Wiring:** No more daunting wiring hassles! Say hello to beauty under the hood. Enjoy all-analog tones with modern features that will slip into your gig bag, ensuring you are always ready to unleash your musical magic.

🔧 **Available Components:** We recognize the hurdles of component availability. Rest assured, we've carefully selected components for the **NostalgiTone** series currently available from today's popular vendors.

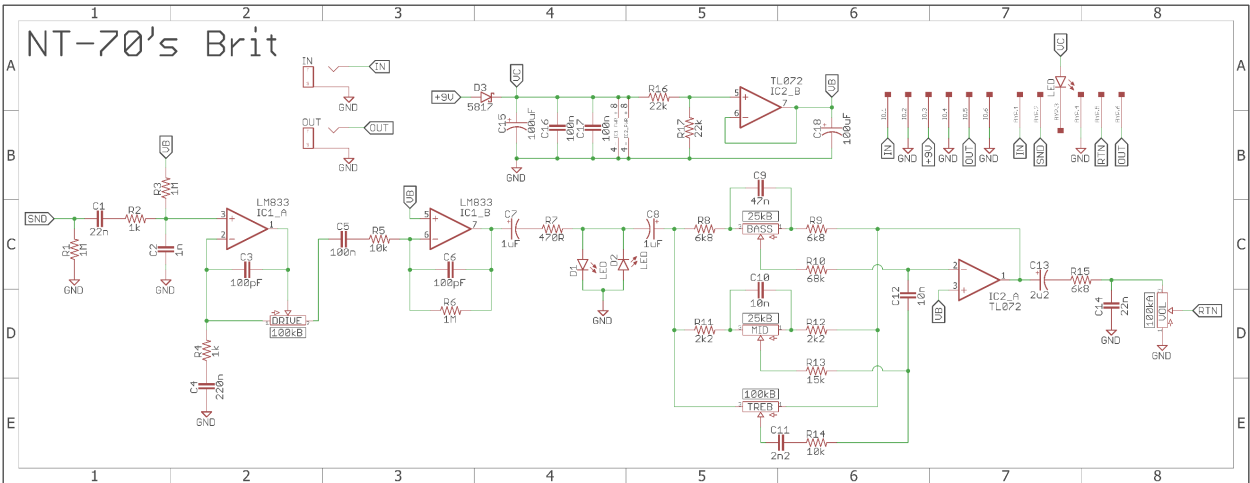
Do not settle for the ordinary when you can have extraordinary. Elevate your tone with the **NostalgiTone** series singles from GuitarPCB. Get yours today and discover a world of sonic possibilities like never before!



**Mainboard Dimensions – 2.10" x 2.12" – Perfectly sized for a 1590B or 125B enclosure**

**Included with each PCB purchase. – (1) Mainboard, (1) wiring board, and (1) ribbon cable.**

Schematic:



Bill of Materials:

Part	Value	Part	Value	Part	Value	Part	Value
R1	1M	R13	15k	C7	1uF	IC1	LM833
R2	1k	R14	10k	C8	1uF	IC2	TL072
R3	1M	R15	6k8	C9	47n		
R4	1k	R16	22k	C10	10n	D1 - D2	LED
R5	10k	R17	22k	C11	2n2	D3	1N5817
R6	1M			C12	10n	LED	Status
R7	470R	C1	22n	C13	2u2		
R8	6k8	C2	1n	C14	22n	VOL	A100K
R9	6k8	C3	100pF	C15	100uF	DRIVE	B100K
R10	68k	C4	220n	C16	100n	BASS	B25K
R11	2k2	C5	100n	C17	100n	MID	B25K
R12	2k2	C6	100pF	C18	100uF	TREB	B100K

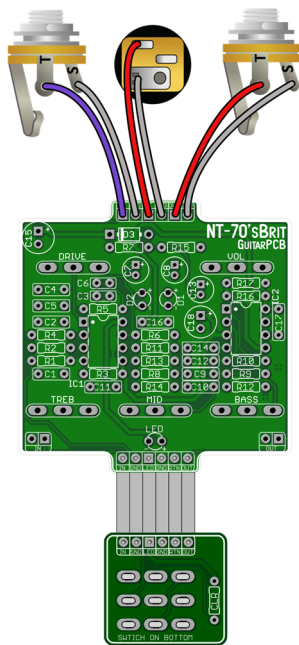
Build Notes:

Included with the purchase of the main PCB board will be (1) standard foot switch wiring board (6 pins), and (1) 6 pin ribbon cable. This simplifies the wiring process while keeping troubleshooting and noise to a minimum.

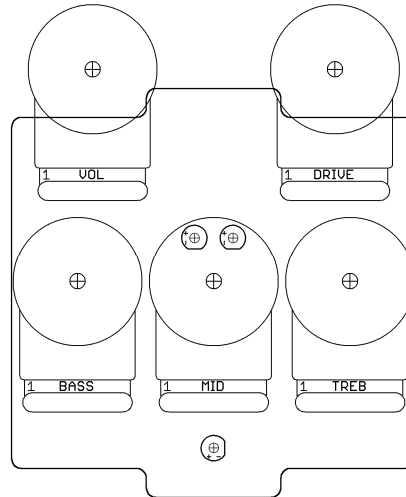
Note the extra IN / Out pads located at the bottom of the PCB which are conveniently placed if you wish to use side jacks.

Use a standard 6-pin ribbon cable to connect the foot switch wiring board with the main board. The 3PDT wiring board contains an onboard (CLR) current limiting resistor. This is to protect and adjust the brightness of their corresponding main board status LEDs. A value of 1k8 to 4k7 may be used. LED mounting: A main Status LED is to show the active status. Use a 1k8 (Bright) to 4k7 (Dim) CLR mounted on the wiring board.

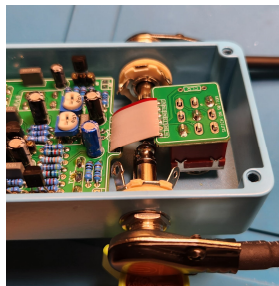
Wiring Diagram



Generic Drill Template



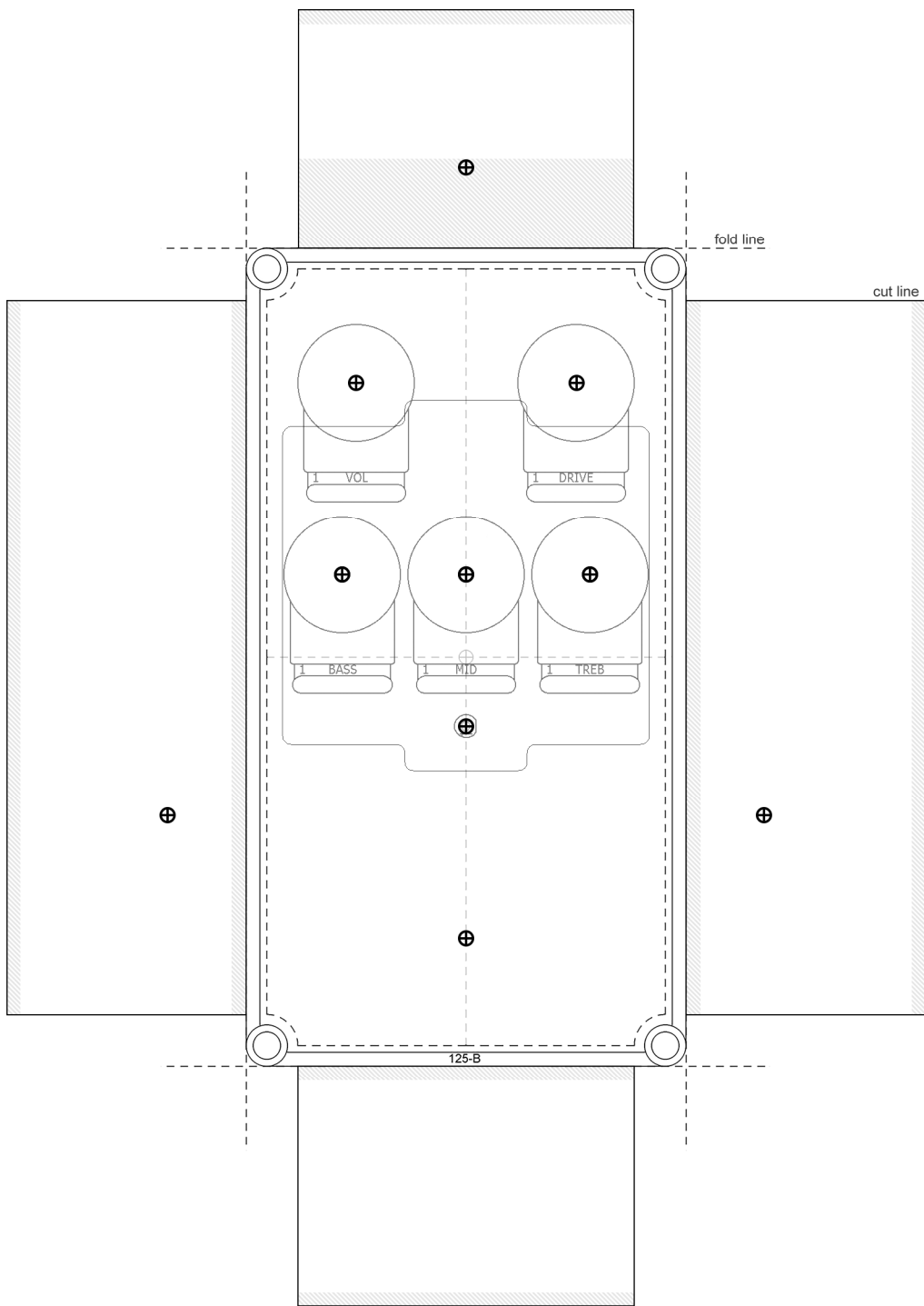
When using 1590B enclosures, it is best to mount the ribbon cable on top of the main board/3PDT wiring board instead of underneath. This is because the enclosure's compact size restricts space for the side jack Input and Output plugs.



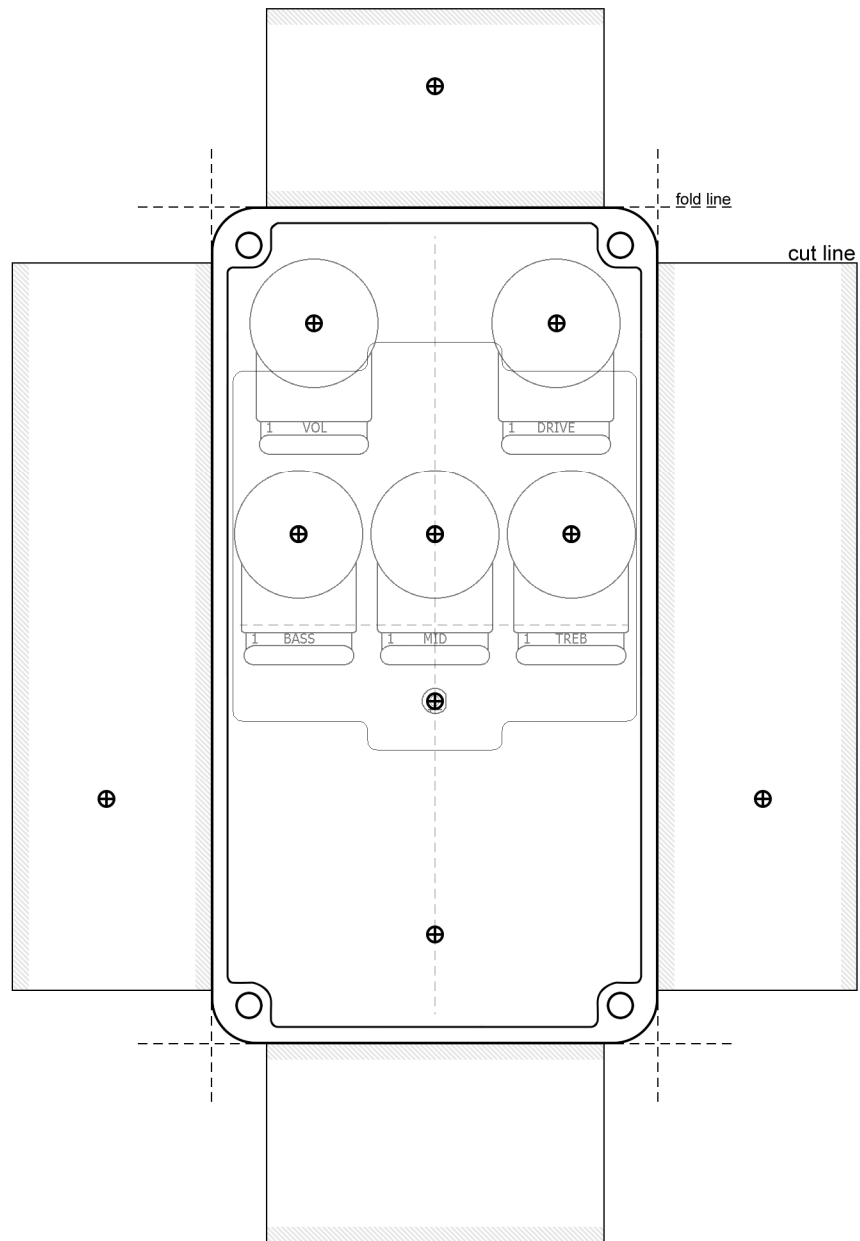
The full-size drill templates for 125B and 1590B enclosures can be found on the following two pages. Additionally, you can find a link to Tayda's pre-drilled enclosures on the shop page at GuitarPCB.com.



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**125B Drill Template**



**1590B Drill Template**