GuitarPCB Present

NostalgiTone Luna Fuzz Single

Are you ready to elevate your game? The **NostalgiTone Luna Fuzz** is here to give you the ultimate sonic experience.
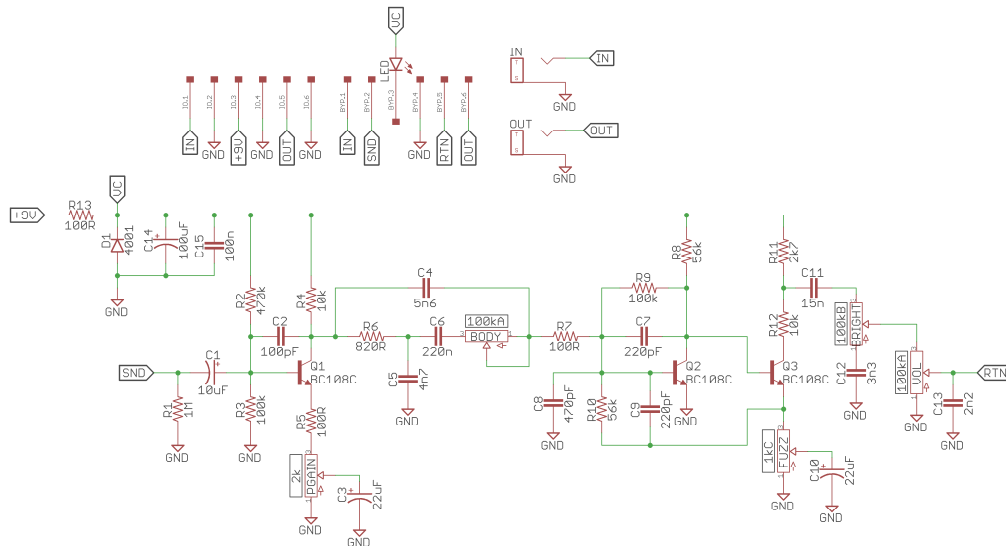
Luna Fuzz: Experience the Luna Fuzz, inspired by the legendary guitar tones of a certain player during the early '70s. This circuit offers a versatile range of sounds with modern design features. Unlike traditional silicon fuzz pedals, the Luna Fuzz delivers a thick, substantial sound without any temperamental behavior. With its vast range spanning from tight, aggressive overdrive to ultra-saturated fuzz, the Luna Fuzz opens endless possibilities for tone exploration.

🔧 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	R11	2k7	C7	220pF	VOL	A100K
R2	470k	R12	10k	C8	470pF	FUZZ	C1K
R3	100k	R13	100R	C9	220pF	BODY	A100K
R4	10k			C10	22uF	BRIGHT	B100K
R5	100R	C1	10uF	C11	15n	PGAIN	Trim 2k
R6	820R	C2	100pF	C12	3n3		
R7	100R	C3	22uF	C13	2n2	Q1 - Q3	BC108C
R8	56k	C4	5n6	C14	100uF	LED	Status
R9	100k	C5	4n7	C15	100n		
R10	56k	C6	220n	D1	1N5817	* CLR x1	1k8 - 4k7

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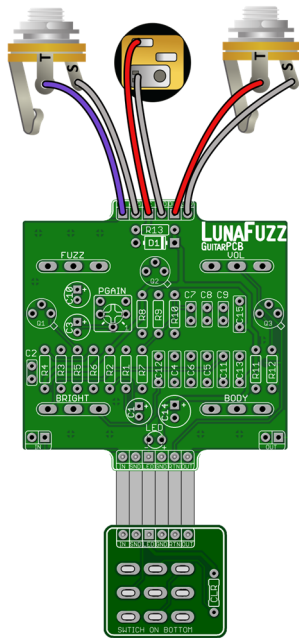
Note the extra IN / Out pads located at the bottom of the PCB which are conveniently placed if you wish to use side jacks.

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.
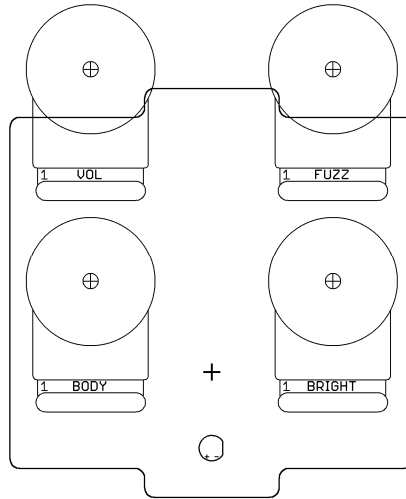
* CLR x1 - Each wiring board requires an onboard (CLR) current limiting resistor. This is for the main board status LEDs. A 1k8 (Bright) value to 4k7 (Dim) may be used. A main Status LED is to show the active status.

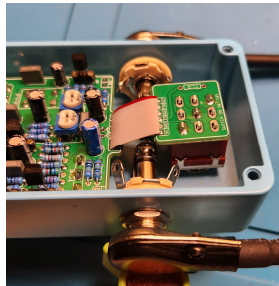Mod: You may also use BC109C with equal results.

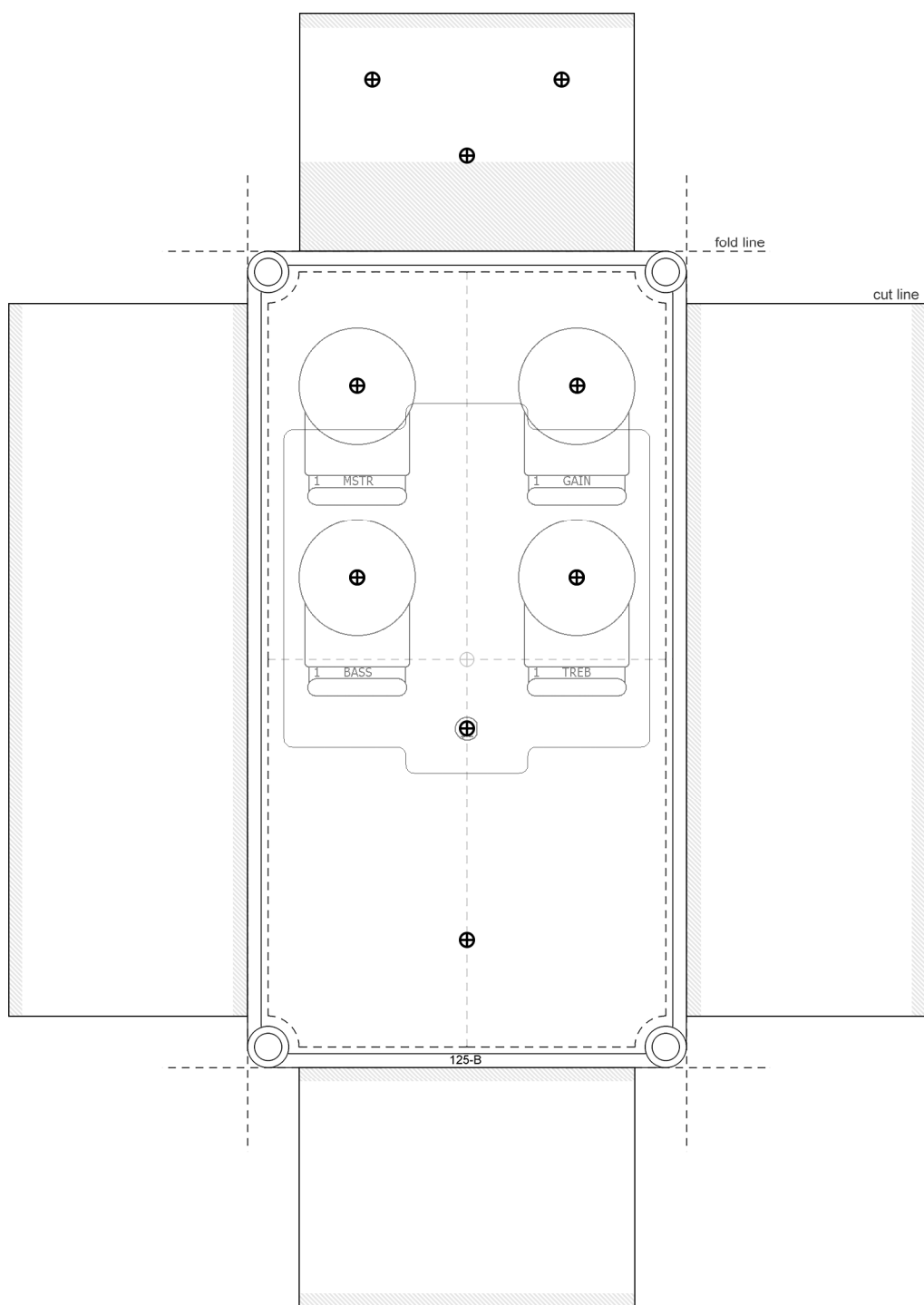**Wiring Diagram**   **Generic Drill Template**

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.
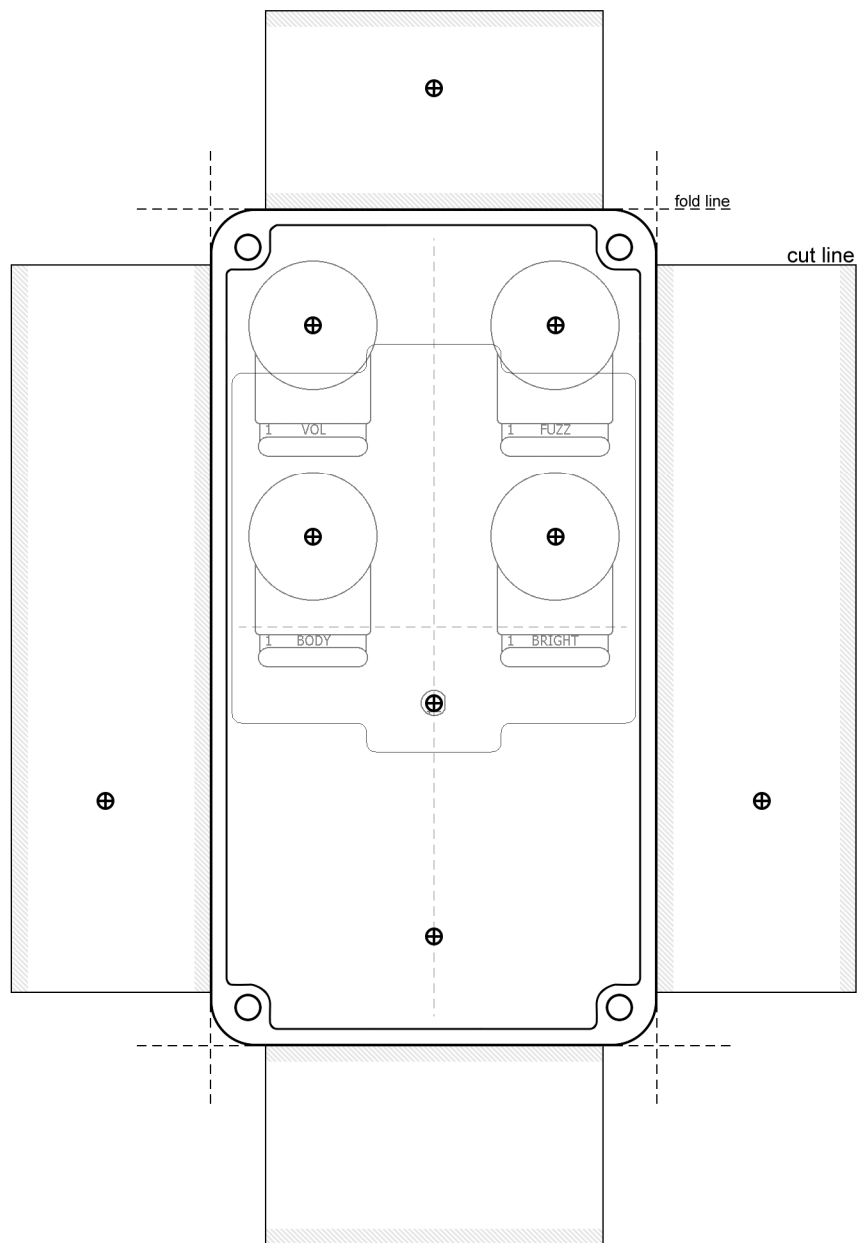

The full-size drill templates for 125B and 1590B enclosures can be found on the following two pages. Additionally, you can find a link to Tayda's pre-drilled enclosures on the shop page at GuitarPCB.com.

fold line

cut line

1   MSTR

1   GAIN

1   BASS

1   TREB

125-B

125B Drill Template

fold line

cut line

1 VOL

1 FUZZ

1 BODY

1 BRIGHT

1590B Drill Template