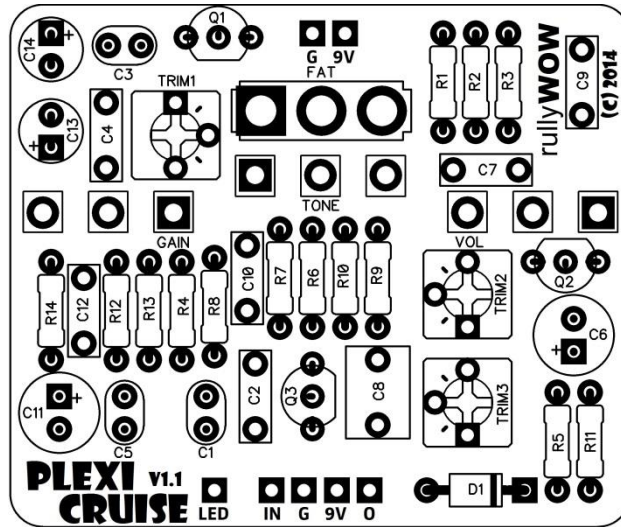


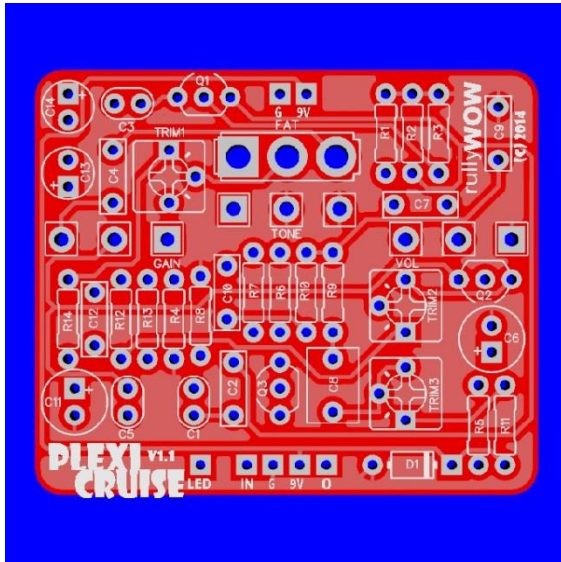
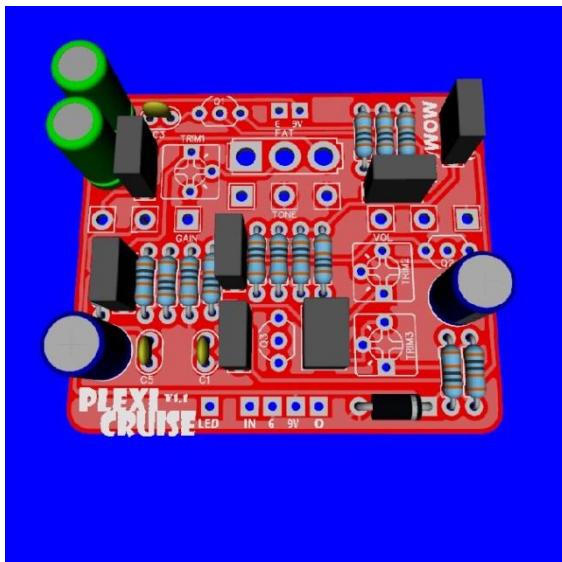
PLEXICRUISE

FX type: distortion

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PCB Dimensions (1.9" x 1.6")



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Components - By Location

Caps			Resistors		Diodes	
C1	47pF	ceramic	R1	2M2	D1	1n4001
C10	100n	film	R2	1M	Pots	
C11	100uF	electro	R3	1k	GAIN	500kA
C12	100n	film	R4	1k	TONE	25kA
C13	10uF	electro	R5	1k	VOL	100kA
C14	10uF	electro	R6	10k	TRIM1	50k
C2	22n	film	R7	100k	TRIM2	50k
C3	470pF	film	R8	1k	TRIM3	50k
C4	2n2	film	R9	15k	Switch	
C5	220pF	film	R10	15k	FAT	SPDT
C6	47uF	electro	R11	10R	Transistors	
C7	22n	film	R12	2k2	Q1	J201
C8	1uF	film	R13	2k2	Q2	J201
C9	2n2	film	R14	330R	Q3	J201

Components - By Value

Caps			Resistors		Diodes	
C12	100n	film	R7	100k	D1	1n4001
C11	100uF	electro	R6	10k	Pots	
C10	10n	film	R11	10R	GAIN	500kA
C13	10uF	electro	R9	15k	TONE	25kA
C14	10uF	electro	R10	15k	VOL	100kA
C8	1uF	film	R3	1k	TRIM1	50k
C5	220pF	film	R4	1k	TRIM2	50k
C2	22n	film	R5	1k	TRIM3	50k
C7	22n	film	R8	1k	Switch	
C4	2n2	film	R2	1M	FAT	SPDT
C9	2n2	film	R12	2k2	Transistors	
C3	470pF	film	R13	2k2	Q1	J201
C1	47pF	ceramic	R1	2M2	Q2	J201
C6	47uF	electro	R14	330R	Q3	J201

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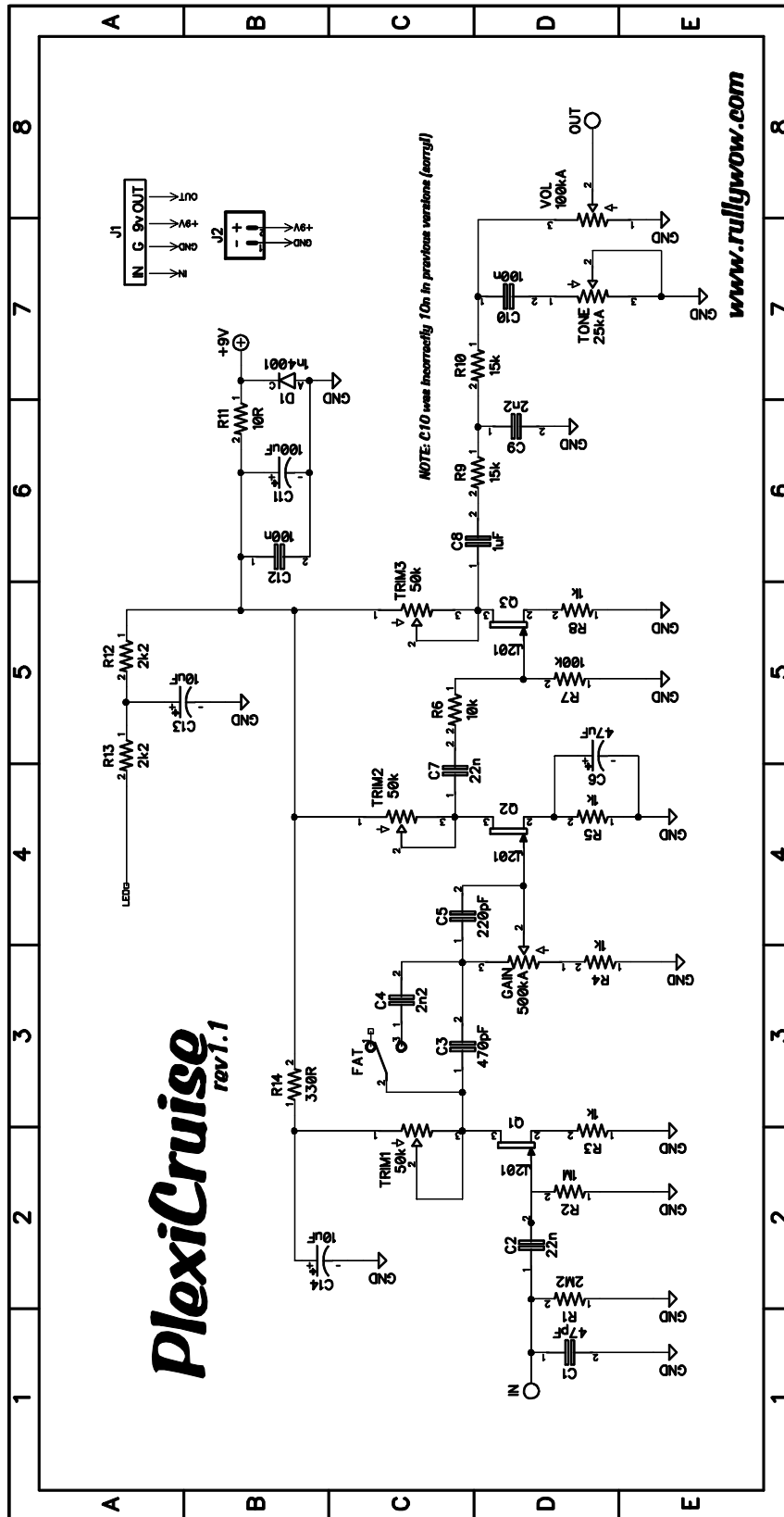
The **Plexicruise** PCB is based from the Wampler Plexidrive™. This circuit uses J201 transistors to achieve a cranked Marshall tone.

This is a medium level build, I would argue that the biasing of the J201's is the most difficult part but not too hard at all. Take your time with the build and you will be rewarded with a versatile, high-gain, plexi pedal!

J201's are to be biased at about half the supply voltage. If your supply voltage is 9VDC, then you will bias the drains at 4.5v. Check the datasheet on your J201 to see where the drain is. They typically are D/S/G from left to right, looking at the front however they can differ. Use the trim pots to dial in the bias voltage to 4.5v (half of your supply voltage). You can measure this by connecting your DMM's black lead to any ground point and the red lead clipped onto each J201's drain.

This PCB was designed to fit into a **1590B enclosure** nicely.

The **FAT switch** will allow you to add or remove bass frequencies with a flip of a toggle.

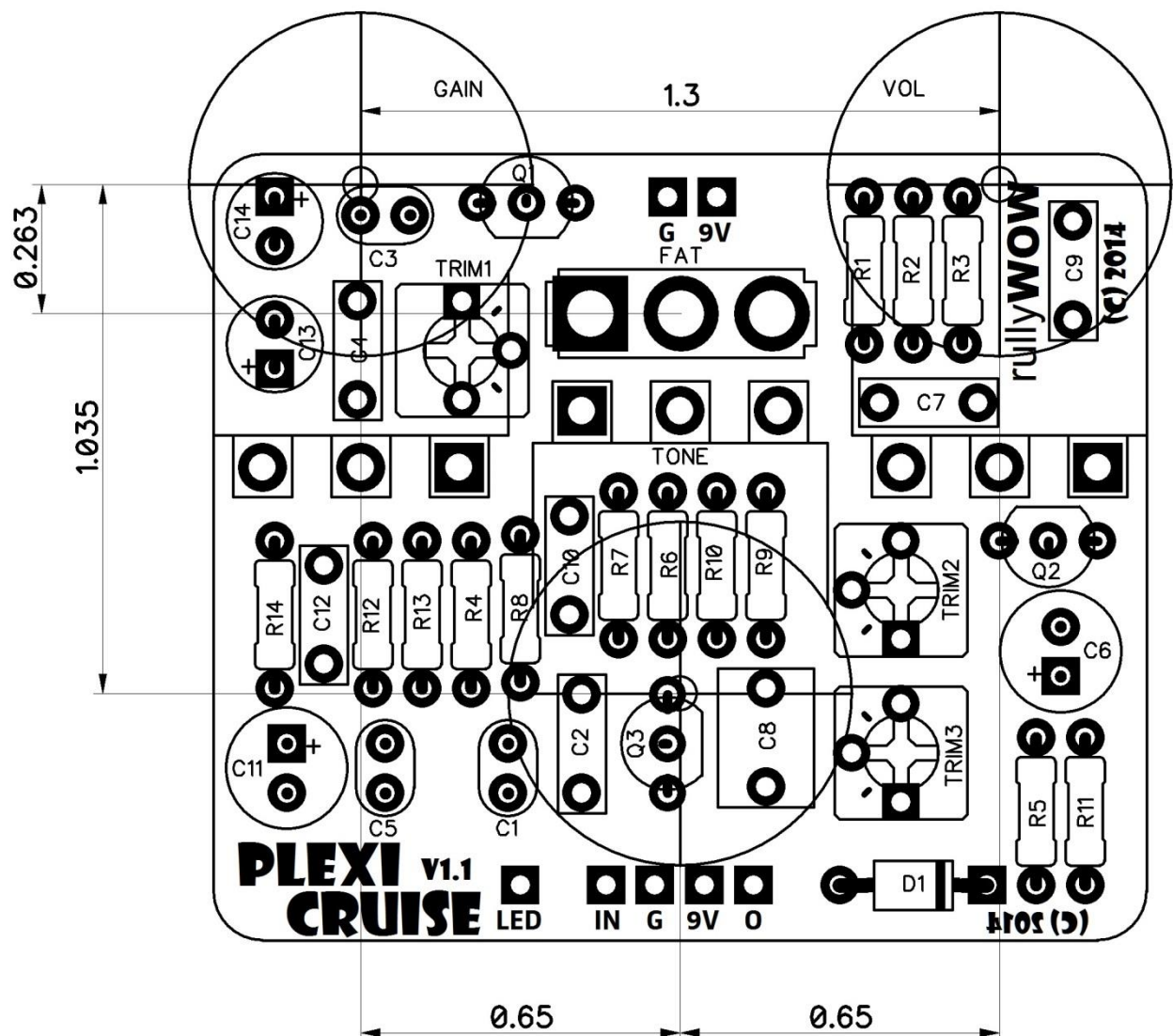


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DRILL DIMENSIONS INCHES

NOT TO SCALE

Always double check before committing to drill your enclosure!



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