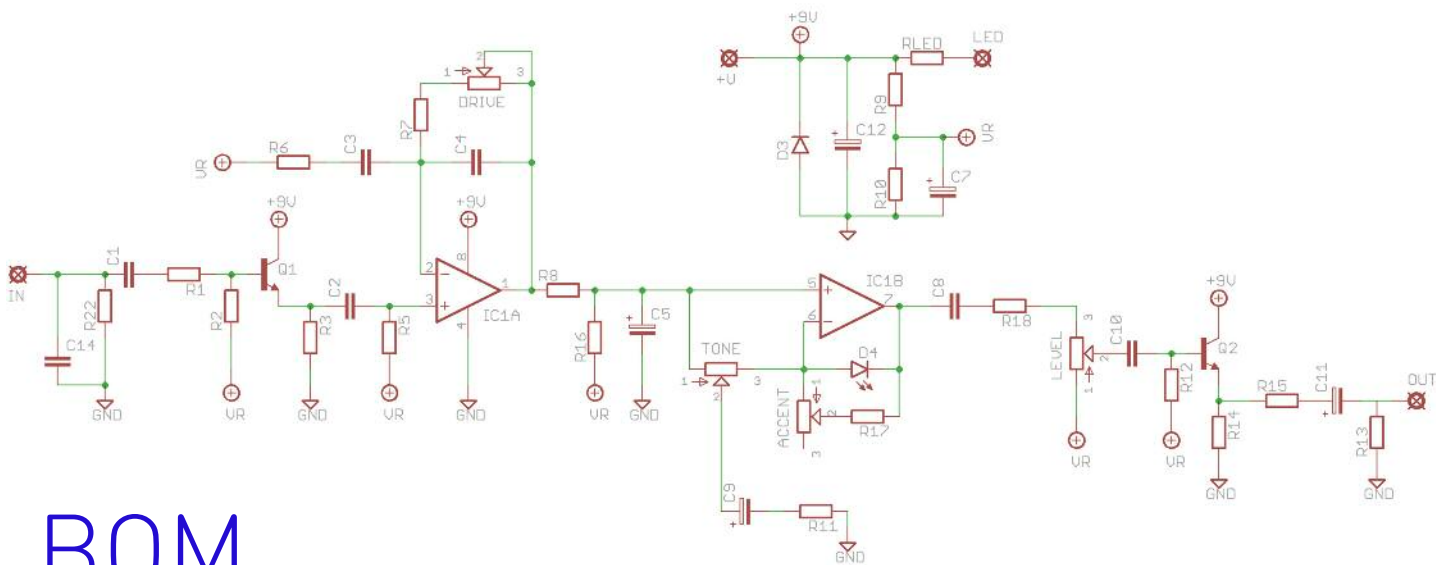


# Dumb Lloyd

Dumble-ish drive with a  
Tube Screamer base



# Schematic



# BOM

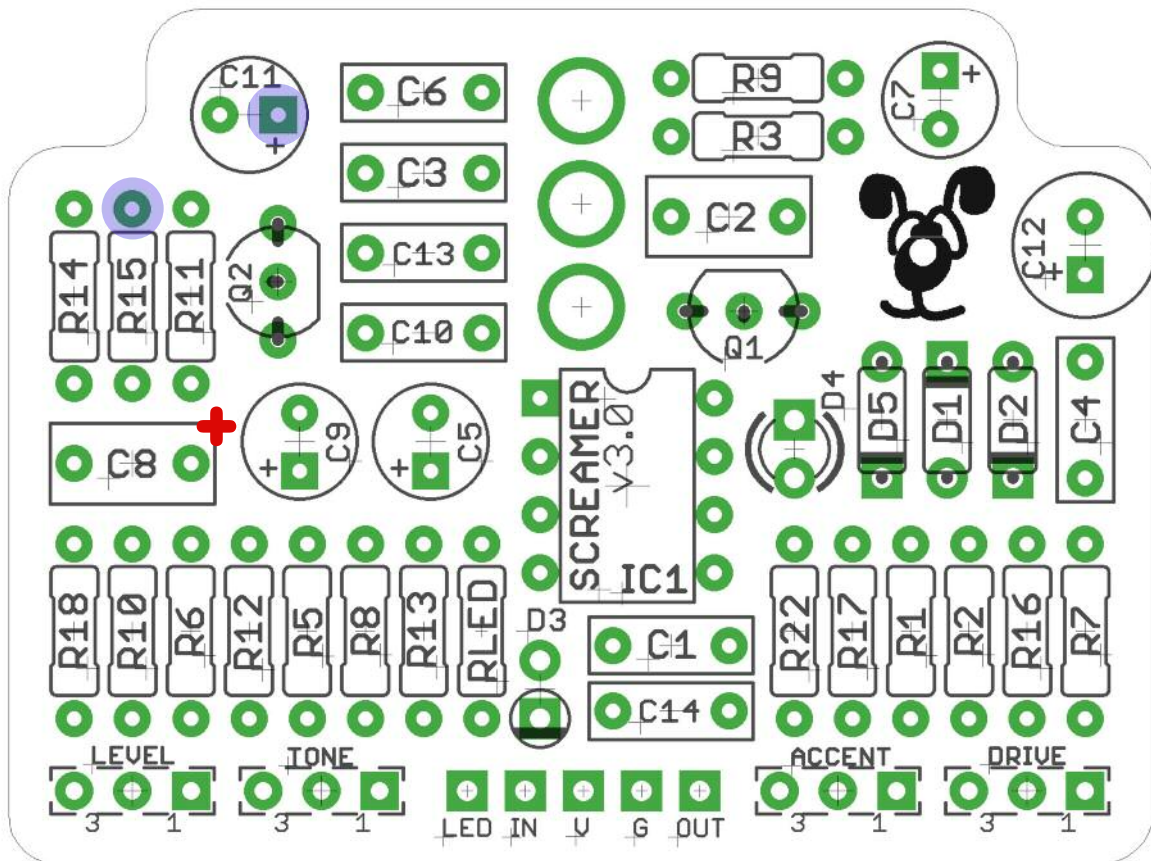
<b>R1</b>	100R	<b>C1</b>	470n	<b>IC</b>	OPA2134
<b>R2</b>	150K	<b>C2</b>	1u	<b>Q1,2</b>	BC548B
<b>R3</b>	10K	<b>C3</b>	220n	<b>D1,2</b>	empty
<b>R5</b>	10K	<b>C4</b>	100p*	<b>D3</b>	1N4001
<b>R6</b>	1K8	<b>C5</b>	220n**	<b>D4</b>	3mm Red LED
<b>R7</b>	10K	<b>C6</b>	empty	<b>D5</b>	empty
<b>R8</b>	10K	<b>C7</b>	47u elec	<b>TONE</b>	20KB
<b>R9</b>	10K	<b>C8</b>	2u2 elec	<b>DRIVE</b>	1MA
<b>R10</b>	10K	<b>C9</b>	100n**	<b>LEVEL</b>	100KA
<b>R11</b>	220R	<b>C10</b>	220n	<b>ACCENT</b>	20KB
<b>R12</b>	100K	<b>C11</b>	22u elec		
<b>R13</b>	10K	<b>C12</b>	100u elec		
<b>R14</b>	10K	<b>C13</b>	empty		
<b>R15</b>	100R	<b>C14</b>	100p		
<b>R16</b>	10K				
<b>R17</b>	1K				
<b>R18</b>	1K				
<b>R22</b>	1M				
<b>RLED</b>	2K2 (CLR)				

\*C4 is 82p in the original. If you think that 18p is going to make a big difference then good luck to you.

\*\*C5 and C9 need to be 2.5mm pitch.

## Empty pads???

Yep. Since the Dumb Lloyd is built on the Tube Screamer board there are bits that aren't needed. Don't worry about it.



Q1 and Q2 should be inserted the opposite way round to how they're shown on the pcb screen - see cover photo.

Note the position of the + leg of C8 above.

C7 and C12 can lay flat as shown on the cover image to give more clearance when mounting the circuit in your enclosure.

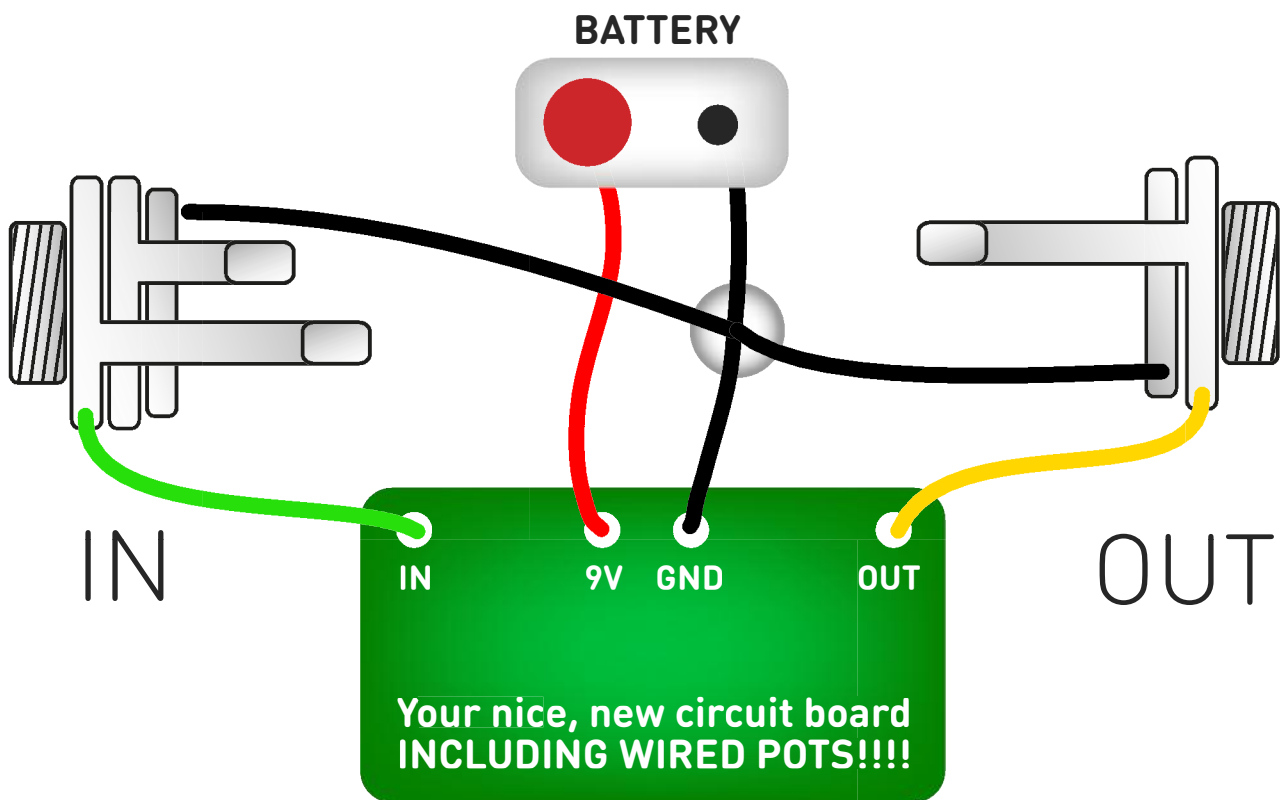


The power and signal pads on the PCB conform to the FuzzDog Direct Connection format, so can be paired with the appropriate daughterboard for quick and easy offboard wiring.

Snap the small metal tag off the pots so they can be mounted flush in the box.

If you want to make a 'Special(!!!!!)' you can hack in the mod easy enough. connect a wire to either of the pads marked in blue above. Take this to one lug of a SPST switch. Attach one leg of a 470n cap to the other lug, run a wire from the second leg to any ground point. Instant mojo. Sigh.

# Test the board!



**UNDER NO CIRCUMSTANCES** will troubleshooting help be offered if you have skipped this stage. No exceptions.

Once you've finished the circuit it makes sense to test it before starting on the switch and LED wiring. It'll cut down troubleshooting time in the long run. If the circuit works at this stage, but it doesn't once you wire up the switch - guess what? You've probably made a mistake with the switch.

Solder some nice, long lengths of wire to the board connections for 9V, GND, IN and OUT. Connect IN and OUT to the jacks as shown. Connect all the GNDs together (twist them up and add a small amount of solder to tack it). Connect the battery + lead to the 9V wire, same method. Plug in. Go!

If it works, crack on and do your switch wiring. If not... aw man. At least you know the problem is with the circuit. Find out why, get it working, THEN worry about the switch etc.

