

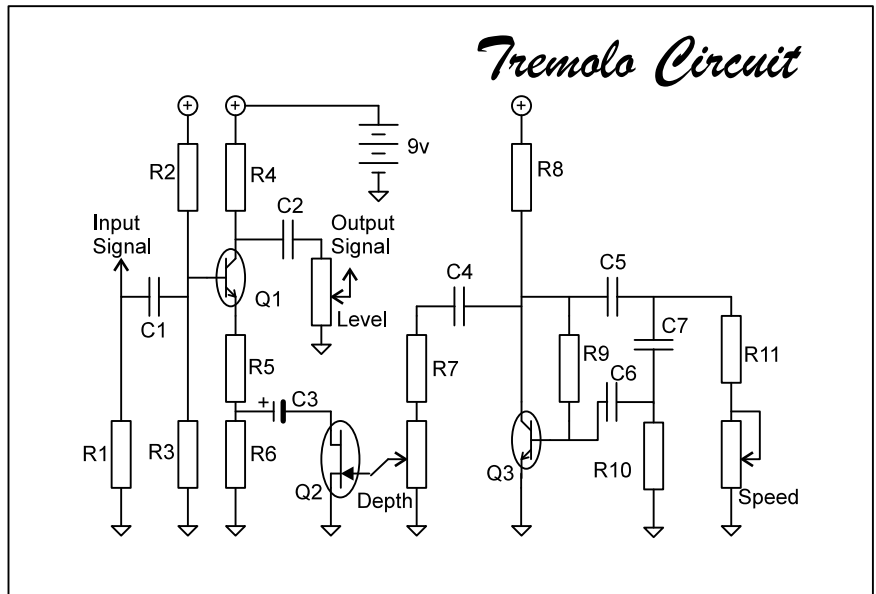
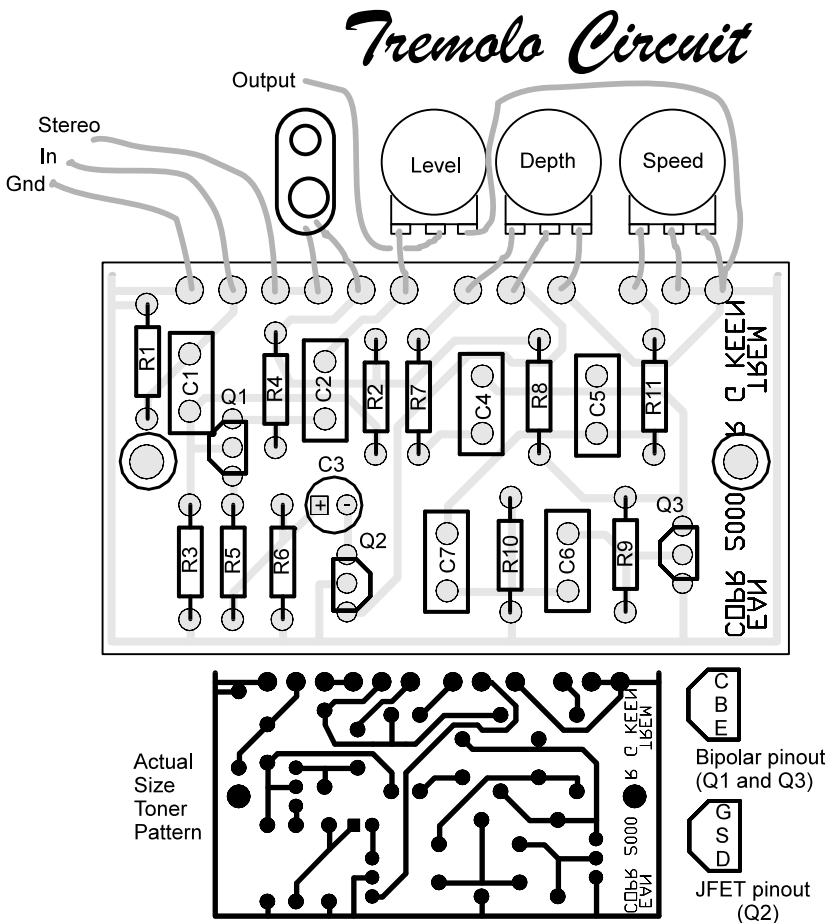
This layout implements the "Guitar Preamp and Vibrato" circuit that appeared in Electronics Australia's November 1968 issue. I've added a couple of modern effects amenities to it: an input pull-down resistor to minimize popping if and when it is used with a true bypass switching arrangement, and the now-familiar input jack switching arrangement where the battery (-) lead is connected to ground by using a stereo jack for the input.

The parts list is reproduced here for reference:

- R1 1M (I added this one)
- R2,R7 560K
- R3 82K
- R4 15K
- R5 180
- R6 2.2K
- R8 15K
- R9 2.2M
- R10 15K
- R11 2.2K
- C1 0.22uF
- C2,4 0.47uF
- C3 20uF tantalum
- C5,6,7 1uF mylar or tantalum
- Q1 BC109
- Q2 MPF105
- Q3 BC108

The BC108 and 109 are still available, although I think the MPF 105 is not. Suitable alternatives are available. I think the 2N5088 and/or 2N5089 could be used for the two bipolars, and there are a number of long-channel JFETs that could be subbed for the MPF105. The bipolar transistor basing is CBE, the JFET is GSD.

The toner transfer pattern is actual size and ready to iron on.



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