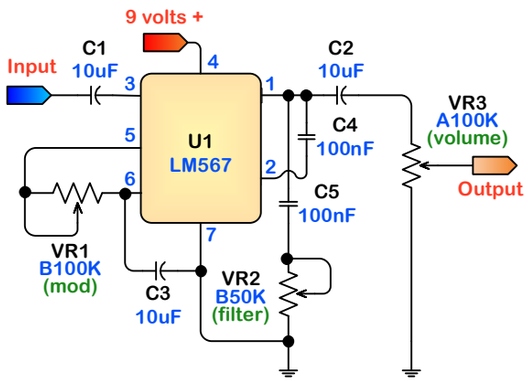
576 Modulator

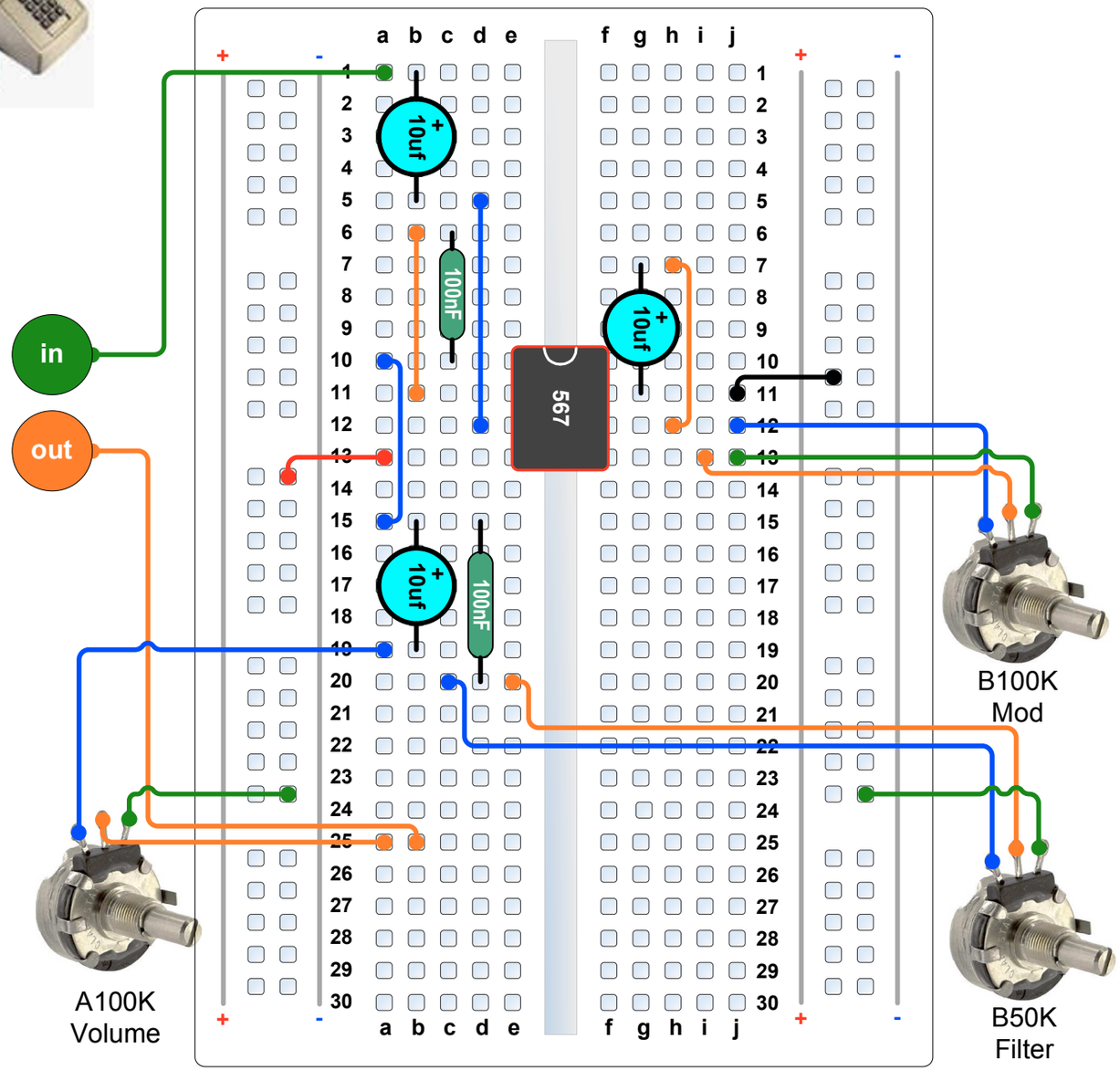


I discovered the 567 tone decode chip from an old hemmo project. The chip itself was used back in the day to decode touch tone frequencies on phones. When misused as a stompbox effects generator, the 567 can yield some interesting sounds. This project is a simple adaptation of the 576 to produce a variable modulation effect that goes from ring modulator to tremolo.



Mods!

- There are many different configurations of inputs and outputs for this chip. Although the datasheet specifies one input and one output, I've used pins 1,2 and 3 for inputs and outputs with different sonic results.
- You can change the values if the input and output caps (C1 and C2) to lower values to remove bass.
- The VR1 and C3 parts set the operating frequency of the circuit, experiment with different values here.



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