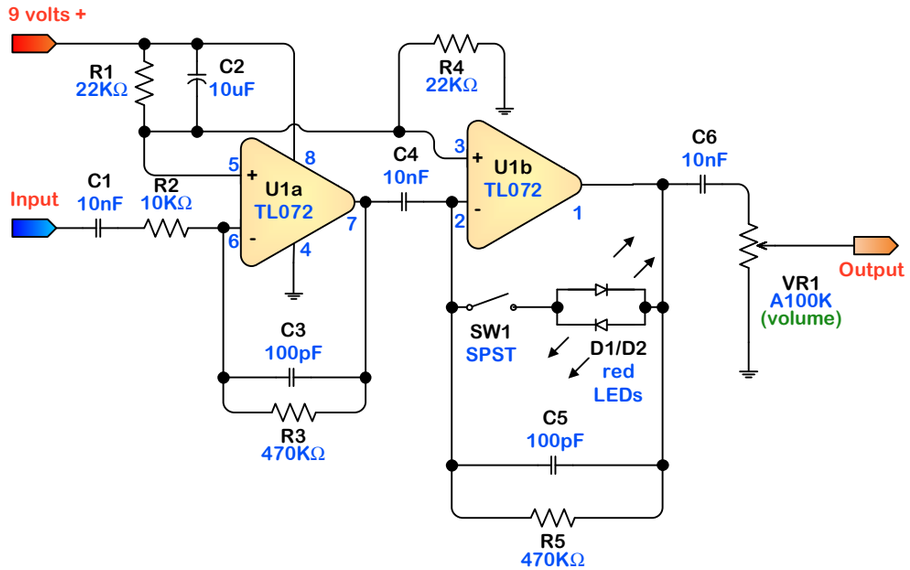
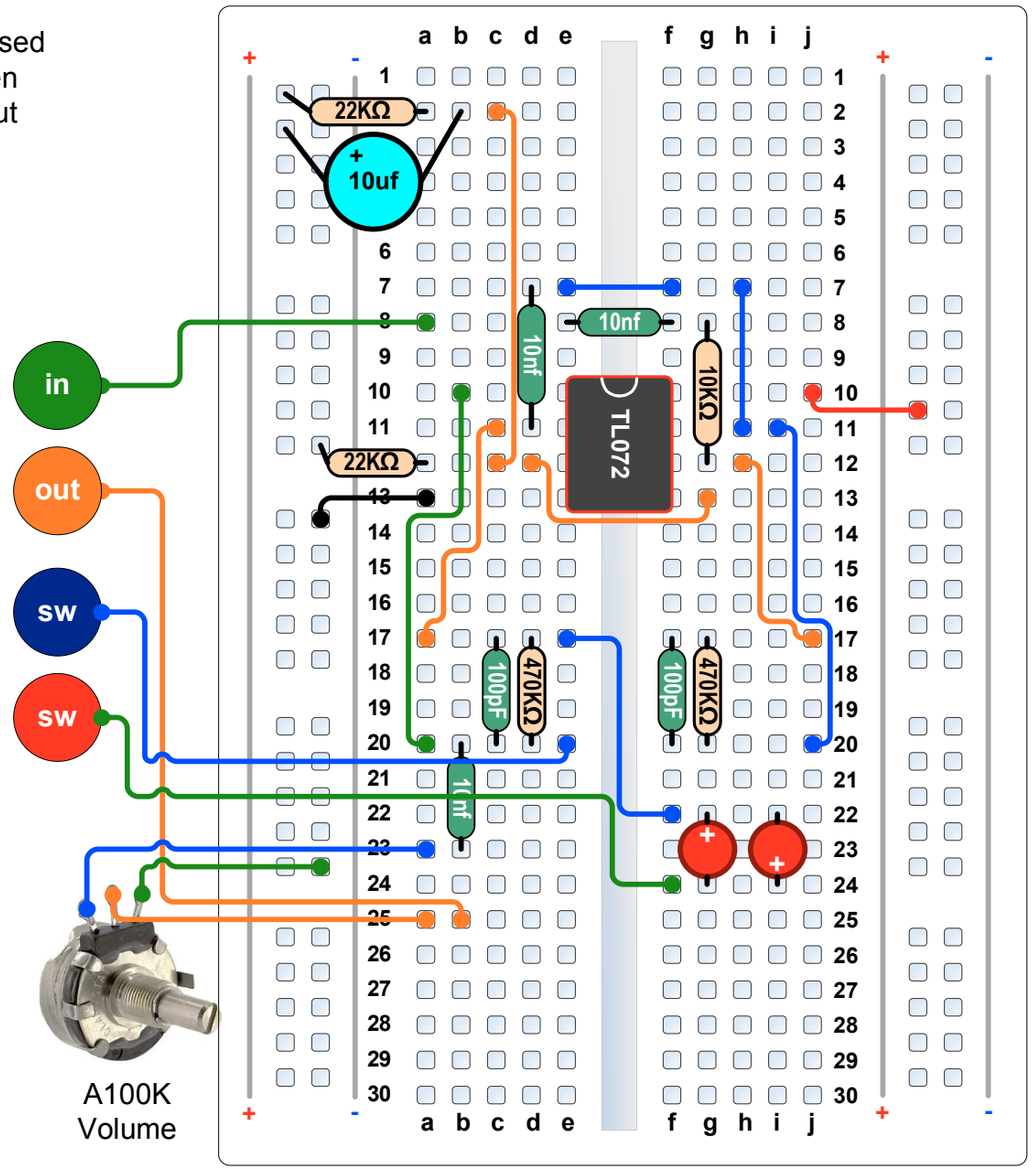
runoffgroove Mockman

runoffgroove.com has been churning out great great designs for years. And the Mockman is one of my favorites. This opamp distortion pedal is billed as getting close to the 80's Rockman type sound. Distortion is mainly achieved by overdriving the opamps as opposed to diode clipping, but the circuit includes a switchable set of red LED clippers for an even more distorted/compressed sound. The result is a great project. For more info, check out http://www.runoffgroove.com/mockman.html.





Mods!

- Try different dual opamps to find the sound you like the best.
- C3 and C5 are low value capacitors in the feedback loop of the opamps. Their primary purpose is to tame any oscillations but they also shape the sound. Try different value caps here.
- R3 sets the gain for the first opamp stage, R5 for the second stage. Try replacing one of these fixed resistors with a 500K linear (B500K) pot and experiment with gain settings.
- Red LEDs are specified for the switchable clippers, but be sure to try other diode types.

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