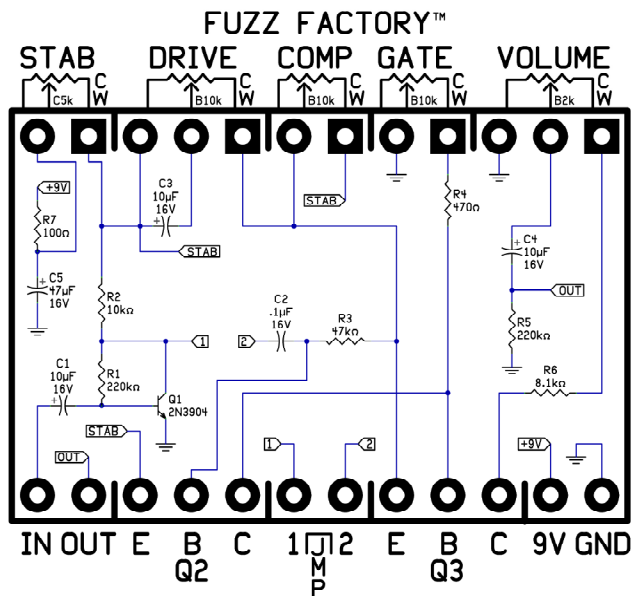


# ZVEX Inventobox™

## Module Overview V1.0 1-11-10

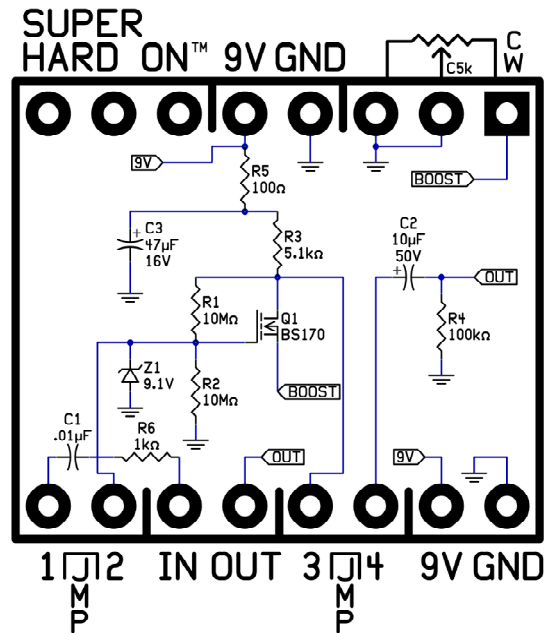


### FUZZ FACTORY™ MODULE:

The Fuzz Factory™ module is designed to be placed on the right side of the breadboard so that the five potentiometer controls appear in a row on the upper left of the Inventobox™ when it's closed. As you can see above, the comp, gate, and stab potentiometers only have two connections going to the pots. You must connect the wiper (arrow) and CW terminals in each case, but for those three controls, it's optional to connect the wiper and CCW terminals together. The JMP is a jumper, just short those two together with one of the bare jumper wires in your kit. You may change the frequency response of the Fuzz Factory™ by changing some capacitor values. For example, replacing the jumper with different capacitors will make it less bassy, and the smaller the values, the more trebly it will become. Try values of .1uF and less. Or, to make it more bassy, connect larger caps (bigger than .1uF) between Q2B and JMP 1. You may leave the jumper in or remove it at your discretion if you are making it more bassy. Also, the wiper on the Volume pot can be used as an output with larger values of capacitors to make it bassier (larger than 10uF) but make sure you connect a bleeder resistor to ground. Examples can be found online at <http://zvex.com>. Note the values of the pots that must be aligned with the proper connections.

### TONESTACK MODULE:

The Tonestack module for the Inventobox™ offers a number of jumpers where different capacitances and resistors can be inserted to change the frequency points where each control kicks in. Ideas can be found at <http://zvex.com>. The Tonestack module is designed to be used to the right of the SHO module when all three modules are inserted into the Inventobox™. This way, its controls can appear on the right side, second row of the Inventobox when assembled. Note the values of the pots that must be aligned with the proper connections.



### SUPER HARD ON™ MODULE:

The Super Hard-On™ module [above] offers a couple of jumpered points where alterations can be made to the circuit to change the frequency response. Ideas for modding it can be found at <http://zvex.com>. This module is designed to be placed just to the right of the Fuzz Factory™ module when using them together inside the Inventobox, so that the control for the SHO appears just to the left of the FF controls when the Inventobox is assembled. Note that the control should be a C5k potentiometer.

