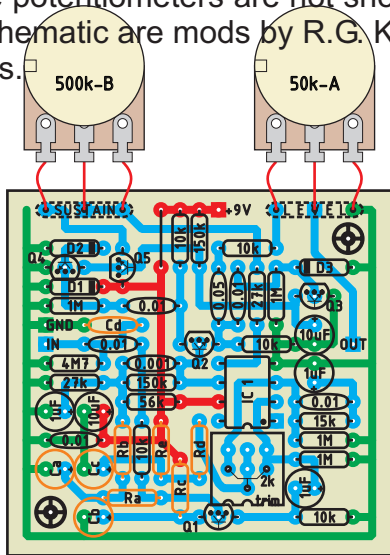
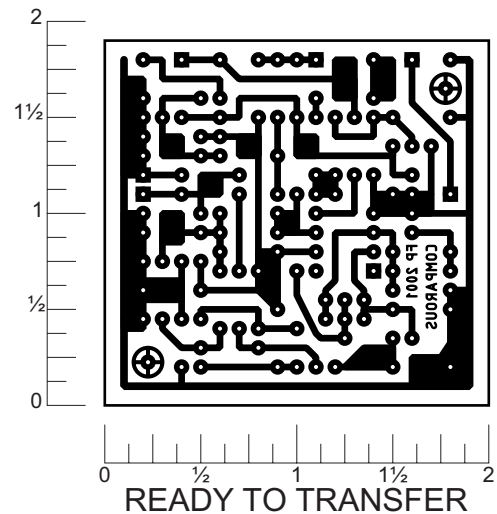


In this layout you can build either the Dynacomp or Ross compressor. These circuits are so similar that they can be constructed around the same printed circuit board. Most of the parts are common to both circuits, the ones that aren't are outlined orange on the layout, use the parts list to substitute with the values for the circuit you choose to build. Off board components except for the potentiometers are not shown on the layout. The components surrounded by dotted line on the schematic are mods by R.G. Keen <http://www.geofex.com>. Trademarks remain property of their owners.



LAYOUT



## Common parts

### Resistors

5 - 10k  
4 - 1M  
2 - 27k  
2 - 150k  
1 - 56k  
1 - 4M7  
1 - 15k

### Transistors & ICs

5 - 2N3904  
IC1 - CA3080

### Pots

1 - 50k log.  
1 - 500k lin.  
1 - 2k lin. trim

### Capacitors

5 - 0.01 $\mu$ F  
1 - 0.001 $\mu$ F  
1 - 0.05  $\mu$ F  
3 - 1  $\mu$ F  
2 - 10  $\mu$ F

### Diodes

3 - 1N914

### Dyna parts

Ra - 1M  
Rb - Jumper  
Rc - Jumper  
Rd - Jumper  
Re - 470k  
Ca - nothing\*  
Cb - nothing\*  
Cc - nothing\*  
Cd - nothing\*  
\*Leave empty

### Ross parts

Ra - 470k  
Rb - 470k  
Rc - 10k  
Rd - 220k  
Re - 220k  
Ca - 1  $\mu$ F  
Cb - 1  $\mu$ F  
Cc - 1  $\mu$ F  
Cd - 220pF

## Schematic

