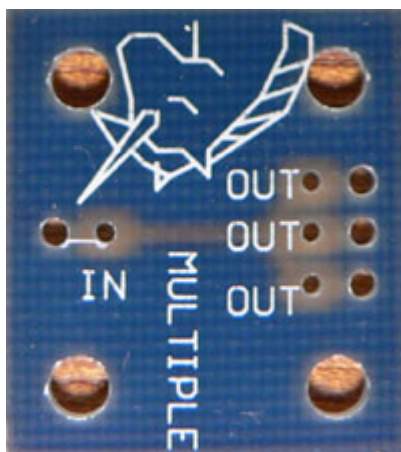


Multiple Board

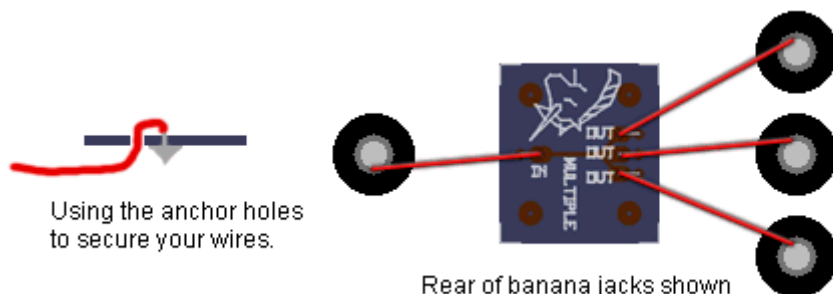
for music synthesizers.



A photo of the fully populated PCB

This circuit board provides an easy and error-free way of wiring up a banana jack multiple.

Construction



Before you start assembly, check the board for etching faults. Look for any shorts between tracks (hehe), or open circuits due to over etching. Take this opportunity to sand the edges of the board if needed, removing any splinters or rough edges. (With the boards supplied by me, the edges are already milled, and etching faults are very rare.)

To use the wire anchor holes:

- 1) Trim off the end of a suitable gauge of hookup wire
- 2) Pass it through the larger (pad-less) hole from below and pull a couple of inches through.
- 3) Strip the insulation from the end of the wire, twist and tin it.
- 4) Bend the wire over and pass the tinned part through the associated pad hole.
- 5) Flip the board and solder the tinned wire to the pad.
- 6) Pull the excess wire back through the first hole so only a short length remains between the hole and the second pad. Make sure this is the LAST step, or the insulation will peel back from the wire as it is soldered.

Notes:

- **PCB info:** 0.7" x 0.9" with four 3mm mounting holes 0.15" in from the edges.
- Please [email me](#) if you find any errors.

Parts list

This is a guide only. Parts needed will vary with individual constructor's needs.

Part	Quantity
Misc.	
CGS MULTIPLE PCB	1

If anyone is interested in buying these boards, please check the [PCBs for Sale](#) page to see if I have any in stock.

Can't find the parts? See the [parts FAQ](#) to see if I've already answered the question. Also see the [CGS Synth discussion group](#).

Article, art & design copyright 2007 by [Ken Stone](#)

[Modular Synth Home](#)

[Disclaimer](#)