# Banana to 3.5mm adapter plug

for music synthesizers.

3.5mm Soft body plug

Cut off

Cut off earth tab. Add wire to tip tab.

Johnson socket

Put body on, and solder wire to socket.
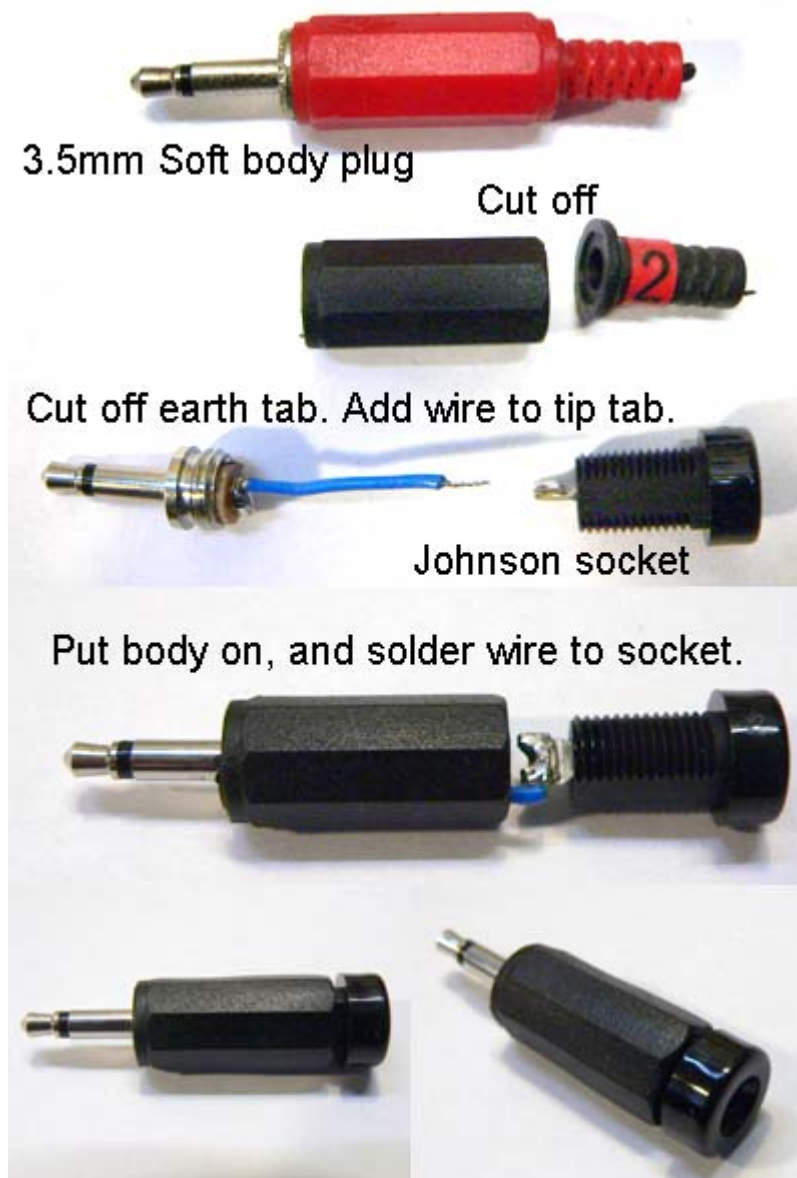
First step is to get some soft bodied 1/8" plugs.

This sort: Plug 1 Plug 2

Unscrew the shell from the plug. Cut the flexible end off the shell, just after the hexagonal body moulding. Cut the earth tag off the plug, right near the threads. Solder a 1" insulated wire to the center pin of the plug and fold the tag flat over the center, making sure you don't short it to the outer part of the plug. Take a Johnson banana socket and fold the part of the tab with a hole in it back on itself. Screw the shell back onto the 1/8" plug with your wire poking out the end. There should be just enough length to be able to solder the wire to the banana socket. Once soldered, push the banana socket into the plug shell. You may wish to shave the threads off the Johnson socket to make it a better fit.

And there you have it.

**Notes:**

- Please email me if you find any errors.

No, I'm not selling kits for these, and as is plainly obvious - no PCB is needed!

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.

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