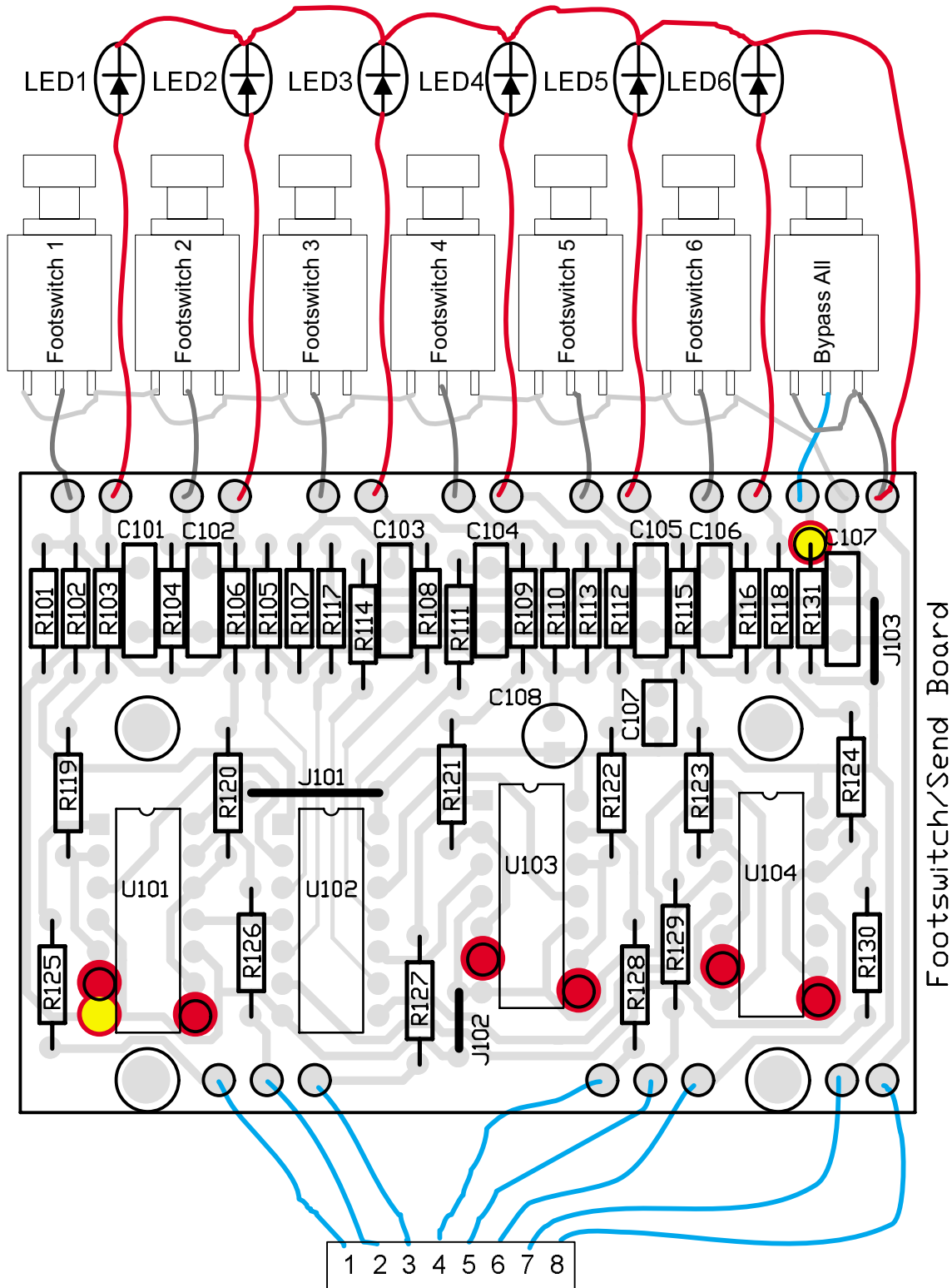
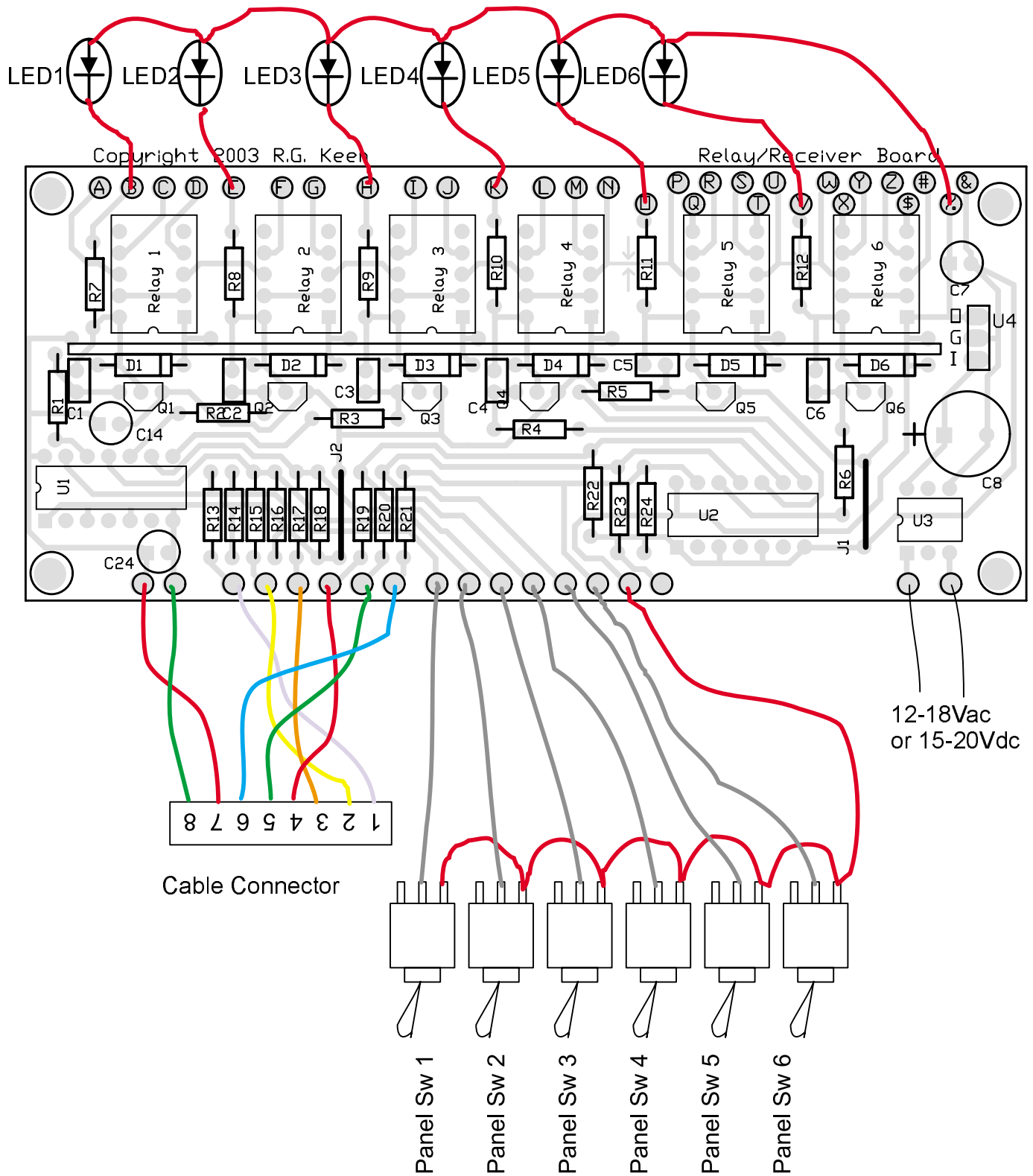


Remote Footswitch Board Wiring and Parts Placement

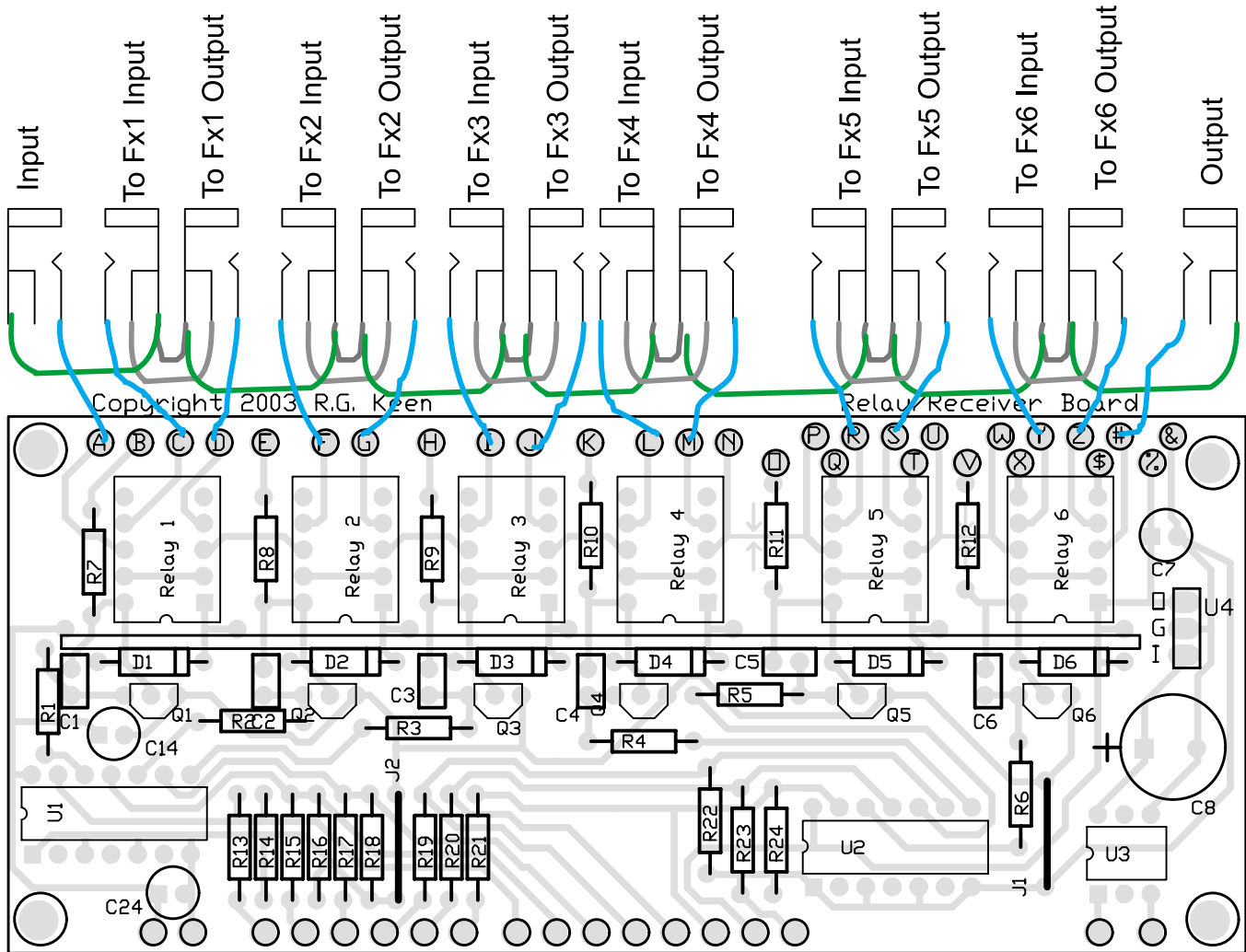


Shown with "Bypass All" switch wired up. Note that you **MUST** connect each of the pads shown with a red dot with wire on the bottom of the board or the board will not work. If you want the "Bypass All" function, wire all six of the red-dot pads to the red/yellow pad at the end of R131. If you do not need the Bypass All function, connect the six red-dot pads to ground, such as at pin 7 of U101.

Relay Board Cable Input Wiring and Parts Placement



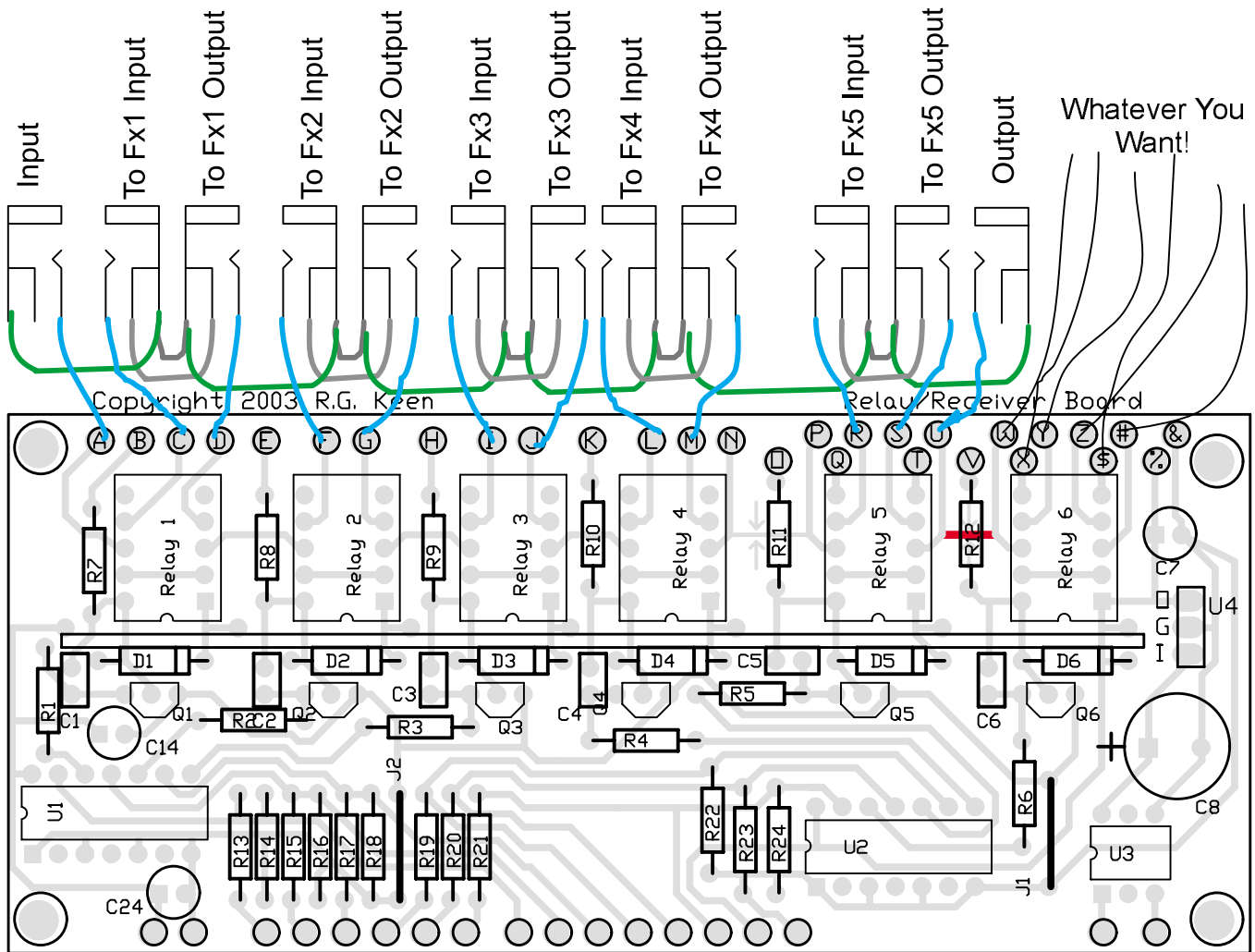
Relay Board Audio Jack Wiring - Six Remote Bypasses



The jacks are wired as an input jack, and output jack, and six normalled pairs of jacks between the two. "Normalled" is a term from audio mixer technology meaning that two jacks are wired so the signal passes through them until a plug is inserted in one or the other. One plug in both jacks detours the signal through some external equipment - in this case the effect in that loop.

The LED associated with the relay comes on when the relay is activated.

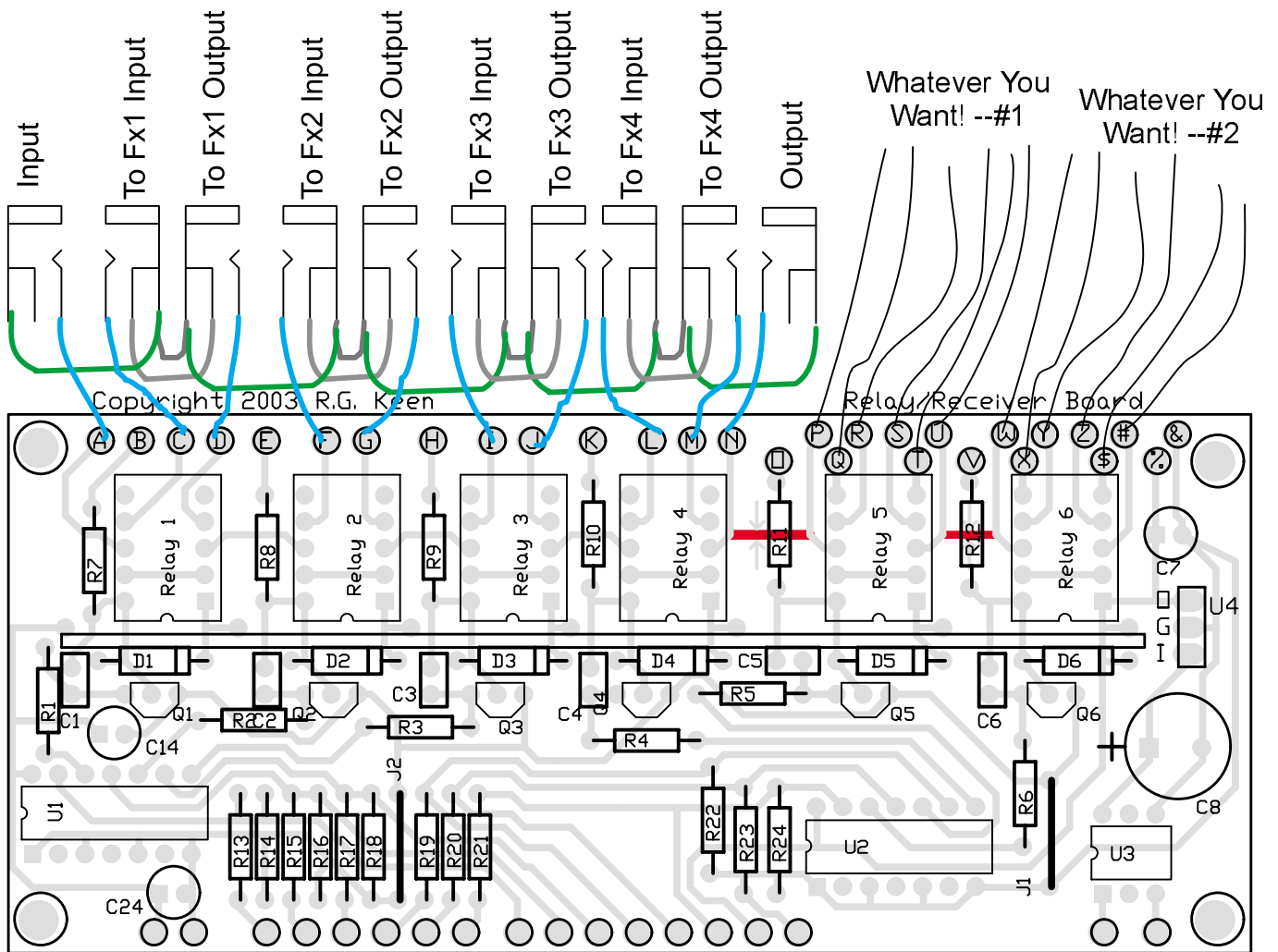
Relay Board Audio Jack Wiring - Five Remote Bypasses Plus One Uncommitted Relay



In this variant, the output is taken after the fifth FX loop, and the sixth and last relay is disconnected from the audio path. The sixth relay can now be used for anything within the capability of the relay. The simplest thing to do is to wire a mono phone jack so you can connect this to the reverb, tremolo, or channel switching feature of an amp, and control the *amp* remotely with your footswitching unit as well as your effects chain.

Notice that you ****must**** cut the trace shown in red directly under R12 to disconnect the audio from the sixth relay.

Relay Board Audio Jack Wiring - Four Remote Bypasses Plus two Uncommitted Relays



One more step - the last two relays are available for doing any switching you like. There are four relays dedicated to FX loops, and the last two relays can switch anything you want to connect up to them, within the rating of the relay.

You **MUST** cut the traces under resistors R11 and R12 to disconnect the last two relays from the audio path and each other.