





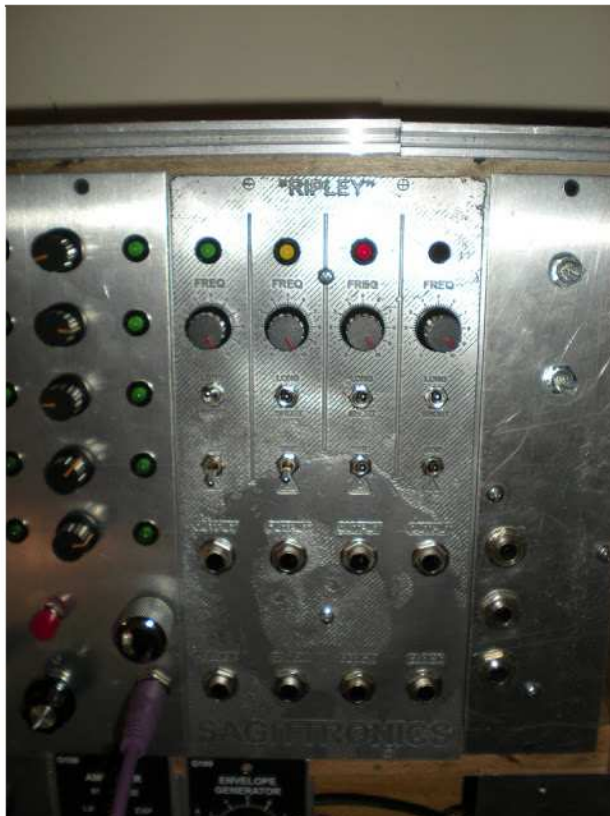
I used steel wool on the aluminum panel before I did the transfer. The transfer process was extremely painstaking, I had to go back with the iron several times and reapply the transfer. I also burned my fingers trying to pick up the panel in order to hold it against my window (a method I use to rapidly cool it off).

I put it in a nice big tub and went all willy nilly with Ferric Chloride. One thing I learned was that Ferric Chloride works a hell of a lot faster on aluminum than copper. It kinda freaked me out the way it starting fizzing and spewing out(probably poisonous)gas. The container got really hot too. I found that if I ran around my yard with it, shaking the tub back and forth, it kept the bubbling down-and it seemed like it might not explode into flames. After about a minute, or at least I assume, I dumped the whole thing out in my yard and sprayed it off with hose.

I was almost positive that it didn't work, but after I washed it off and rubbed it with steel wool again, I realized, IT LOOKED AWESOME!!!



I think next time, I will thin out the acid with a little water and leave it in the acid for a shorter amount of time, like 45 seconds or something. Down near the bottom, it over etched a little, but it still turned out really cool.



I drilled all the holes and put the parts on and it looks great!

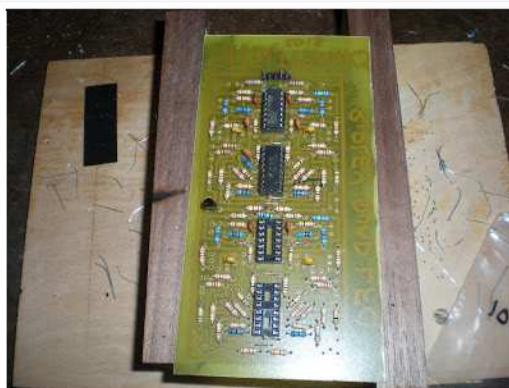
Here's some photos of me assembling my PCB too

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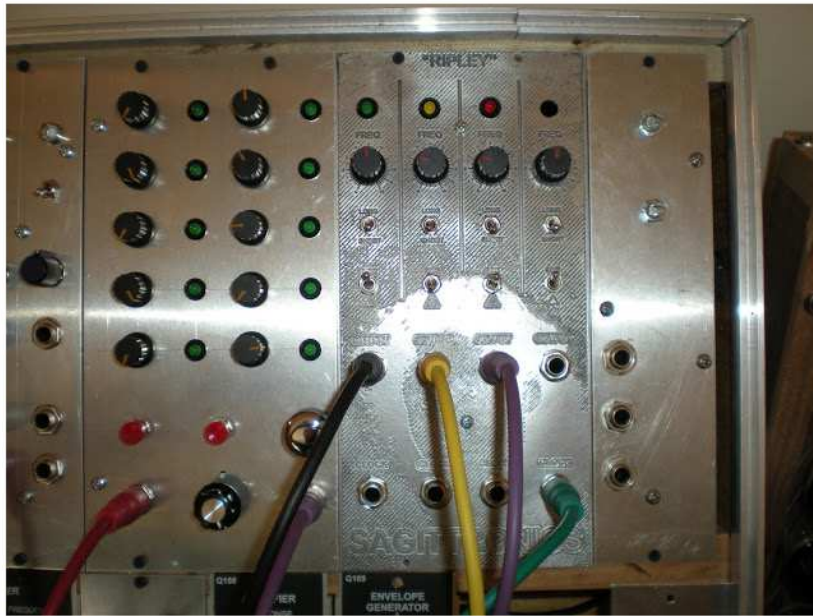
Those two circled points are mistakes I made in my PCB design. Luckily I noticed them early on and it didn't take much to fix them.







I use angled aluminum for my mounting bracket. I had to cut and file this one down a bit in order to make it fit between my components.



Here's a video. It's the module on the top right.