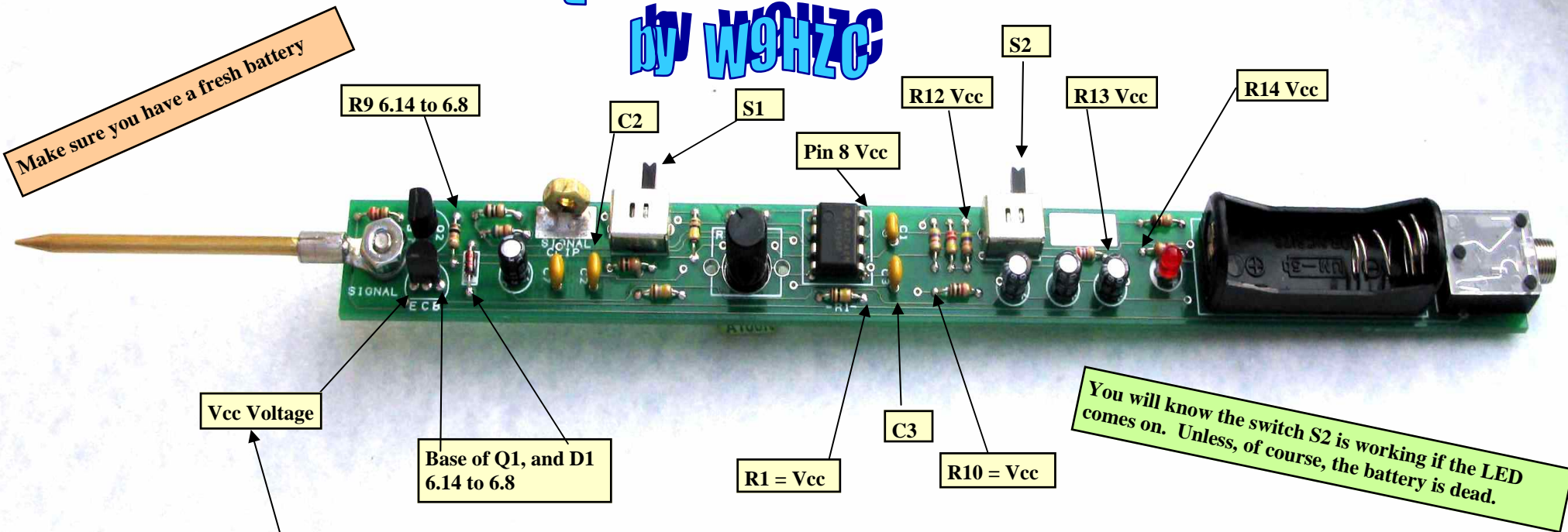


Testing your QRPkits.com Injector/Tracer by W9HZE



Note: With the battery installed, **measure the Emitter of Q1** first then all the other spots labeled as Vcc. The actual Vcc voltage will be different on each Tracer because of component tolerances but it should read the same at all test points seen here.

Note 2: I used the negative terminal of the battery holder for all voltage readings. I measure all of these with Headset (8 Ohm) plugged in..!

Note: With the battery Not installed, use an Ohm meter between the tip probe and the bottom of C3. With S1 in the forward position you should read an Open. Change S1 to the back position and you should read a short between the same two points. Now move the Ohm meter to the Alligator clip and measure to the top side of C2. With the switch S1 in the forward position you should read an Open and when S1 is switched to the back it should read a short.

The Brass nut is **NOT** a ground point. In the forward setting of S1, this point acts as the input to the audio side of the device and the probe tip is injecting the signal into your circuit. When switch S1 is in the back position these functions are reversed.

Be sure to look over your Injector/Tracer carefully with a good magnifying glass looking for solder bridges and cold solder joints. I have repaired two already. one was a cold solder joint on the battery holder. That was an intermittent nightmare. Dar..