

### Adding External Sensor

If the capsense switch is not sensitive enough for your application, you could add a larger external sensor to boost the sensitivity. The following 2 steps below will show you how.

#### Step 1

Desolder and remove resistor labeled Re as shown in figure 4.

Desolder Resistor Re

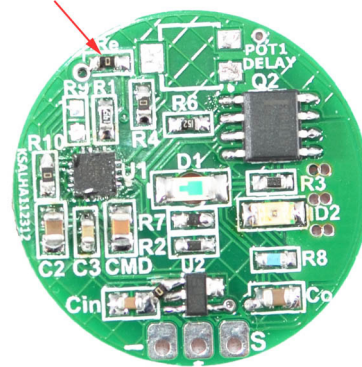


Figure.1:

#### Step 2

Solder a thin wire, (28-30 gauge, not to exceed 15" in length) to an external sensor as shown in figure 5.

The external sensor could be any conductive material such as copper, stainless steel, etc.

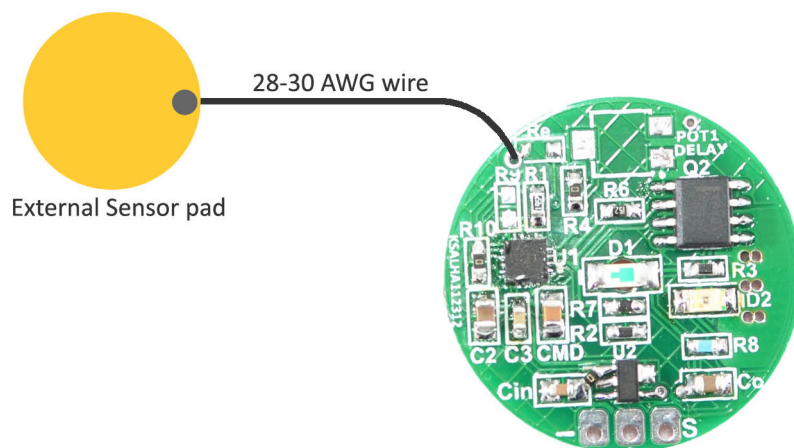


Figure.2:

### External Sensor Implementation

Shown below is an external sensor made out of a 1 inch copper foil .

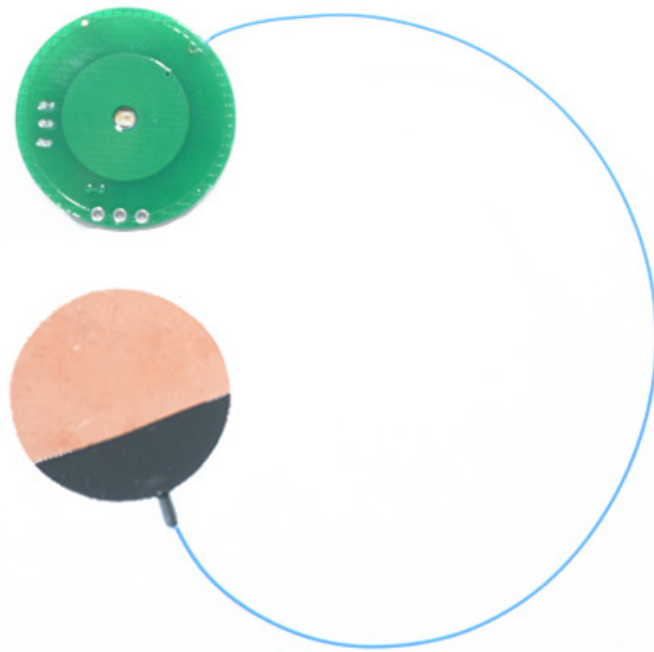


Figure.3: