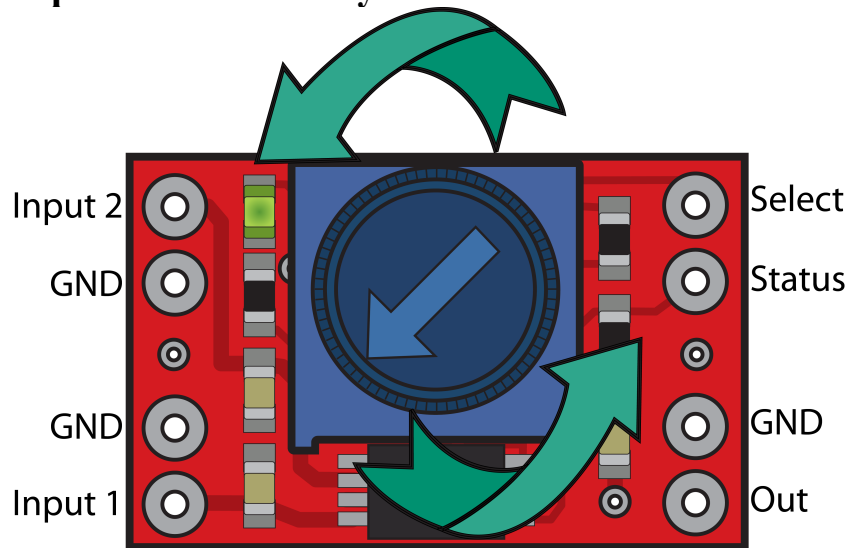# Pow-OR
Basic Hookup and Usage Guide
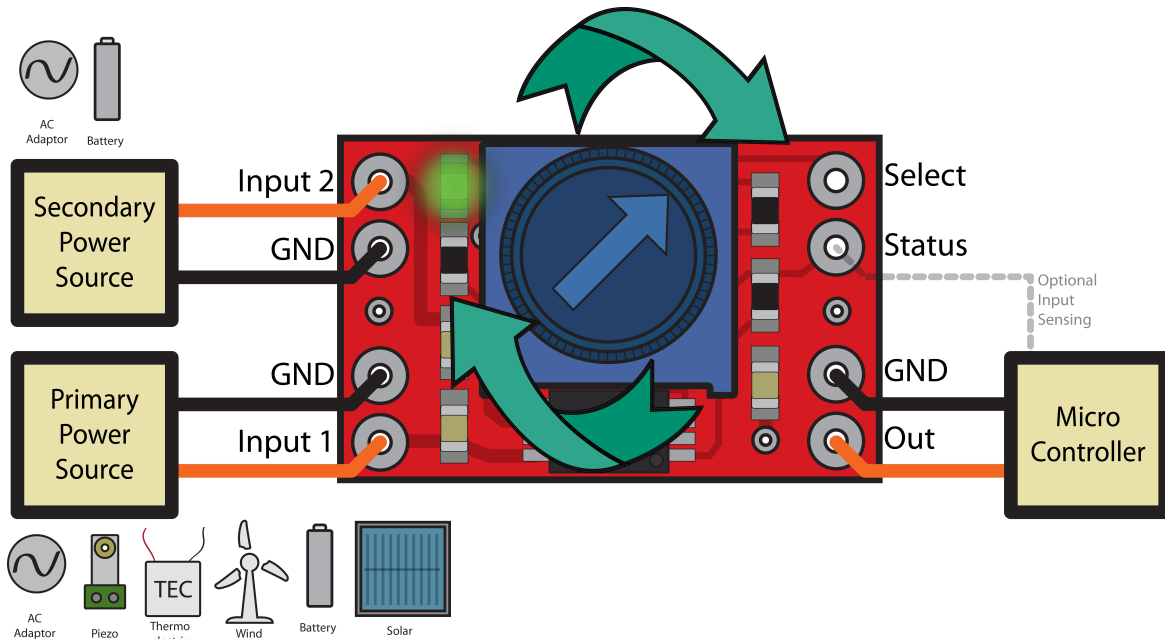
Step 1: Turn the potentiometer fully counterclockwise.

Input 2
GND

GND
Input 1

Select
Status

GND
Out

Step 2: Attach power sources and micro-controller to Pow-OR board

AC Adaptor   Battery

Secondary Power Source

Input 2
GND

Select
Status

Optional Input Sensing

Primary Power Source

GND
Input 1

GND
Out

Micro Controller

AC Adaptor   Piezo   Thermo electric   Wind   Battery   Solar
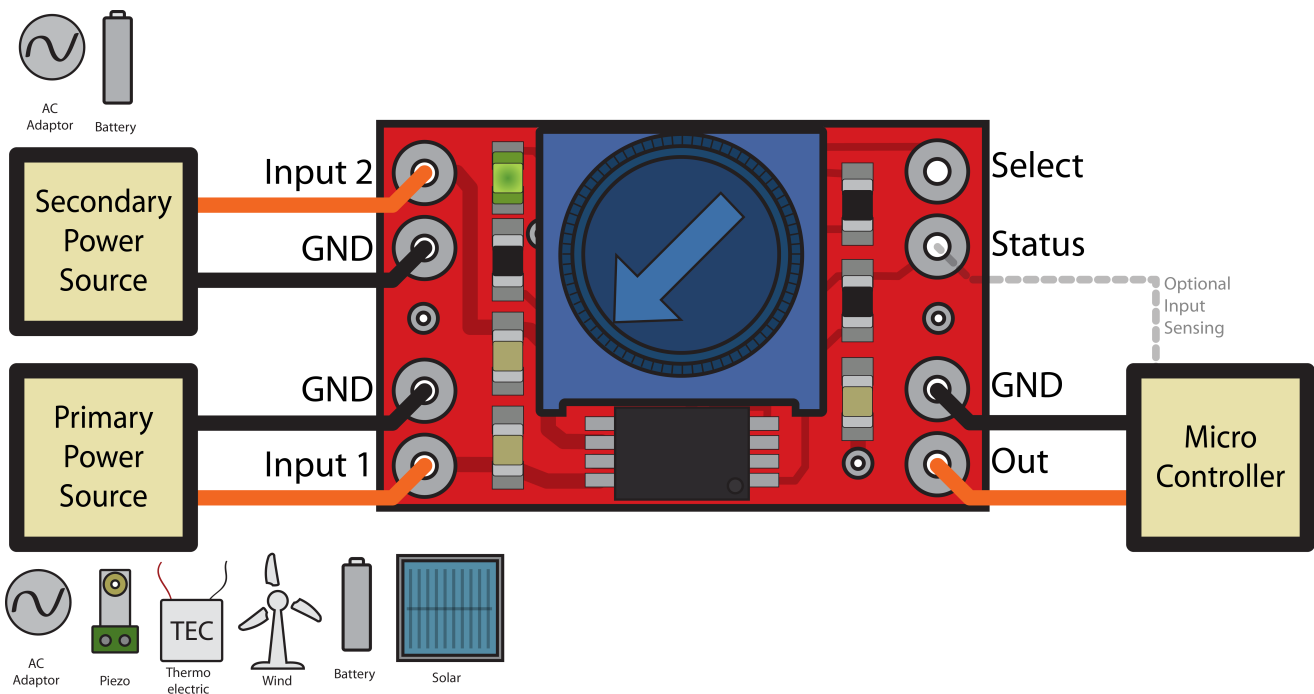
Step 3: Turn Potentiometer counterclockwise until Green LED turns on, indicating that the Pow-OR board is now using input 2.

Secondary Power Source — Input 2 / GND
Primary Power Source — GND / Input 1
Select / Status / GND / Out — Micro Controller

AC Adaptor   Battery

AC Adaptor   Piezo   Thermo electric (TEC)   Wind   Battery   Solar

Optional Input Sensing

Step 4: Turn the potentiometer counter clockwise until the Input 2 status LED turns off then turn it back a little more. Not too much, as this sets the switching sensitivity.

Secondary Power Source — Input 2 / GND
Primary Power Source — GND / Input 1
Select / Status / GND / Out — Micro Controller

AC Adaptor   Battery

AC Adaptor   Piezo   Thermo electric (TEC)   Wind   Battery   Solar

Optional Input Sensing
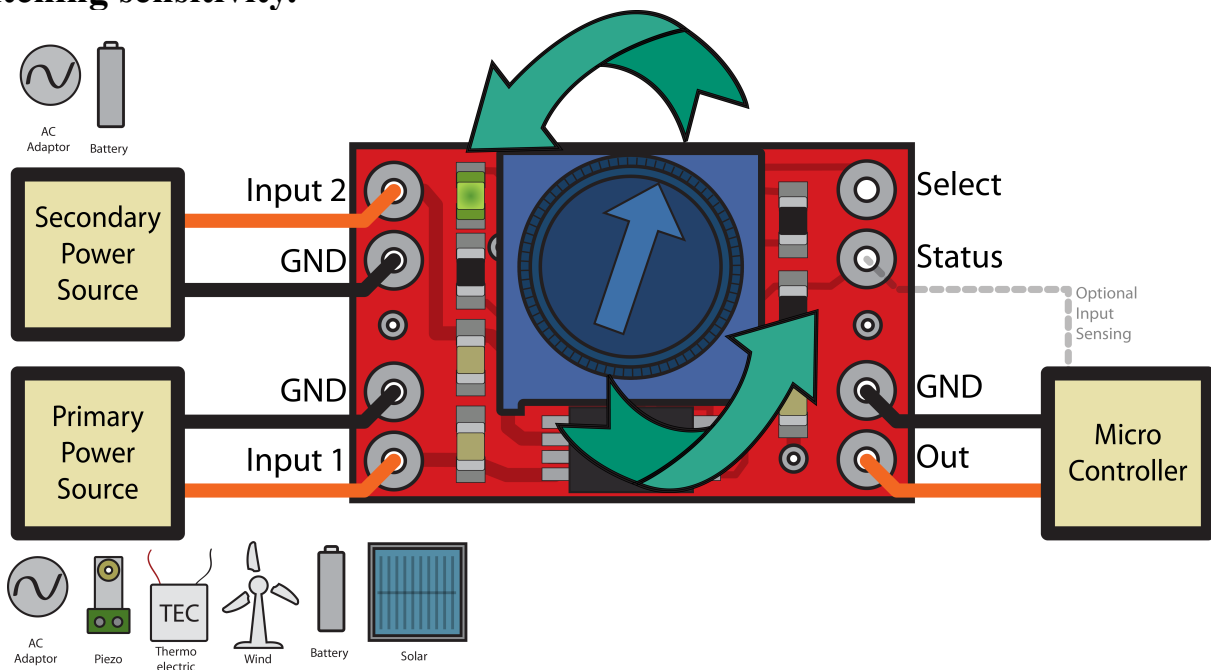
And you are done.
Now just let the board handle power switching for you.