

## Analog Read Serial



### Description

This example uses a potentiometer as an input output device. Using the serial monitor to view the value as the potentiometer is being adjusted.

### Hardware

- Intel® Galileo
- Breadboard
- Potentiometer
- Wires

### Instructions

1. Place the potentiometer on the breadboard. *(see circuit below)*
2. Connect pin 1 on the potentiometer to GND on the Galileo board. *(see circuit below)*
3. Connect pin 2 on the potentiometer to A0 on the Galileo board. *(see circuit below)*
4. Connect pin 3 on the potentiometer to 5V on the Galileo board. *(see circuit below)*
5. Connect power supply to the Galileo and USB to USB Client Port on the Galileo.
6. Open Arduino IDE under Tools → Board select Intel® Galileo
7. Under Tools → Serial Port select the Com # where the Galileo is connected to.
8. Under File → Examples → 01.Basics and select the “AnalogReadSerial” example.
9. Upload to the Galileo by clicking the upload button. 
10. Monitor the value of the potentiometer in the Serial Monitor. 

### Circuit

