Introduction

The DFRobot Tilt Sensor is a digital tilt switch. It could be used as a simple tilt sensor. Simple plug to our IO/Sensor Expansion board, you can make amazing interactive projects. The dedicated sensor expansion boards with the Arduino, in combination, can achieve very interesting and an interactive work.
Specification

- Supply Voltage: 3.3V to 5V
- Interface: Digital
- Size: 22x30mm

Connection Diagram
Sample Code

```c
int ledPin = 13;               // Connect LED to pin 13
int switcher = 3;              // Connect Tilt sensor to Pin3

void setup() {
  pinMode(ledPin, OUTPUT);     // Set digital pin 13 to output mode
  pinMode(switcher, INPUT);    // Set digital pin 3 to input mode
}

void loop() {
  if (digitalRead(switcher) == HIGH) // Read sensor value
    digitalWrite(ledPin, HIGH);    // Turn on LED when the sensor is tilted
  else
    digitalWrite(ledPin, LOW);    // Turn off LED when the sensor is not triggered
}
```