

# Gravity: LED Switch x 5 Pack

DFR0789

## Product Overview

11-30-2022

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

The Gravity: LED Switch x 5 Pack from DFRobot is a self-lock switch button that lights up color when pressed down, which gives the users visual feedback. The little buttons of the LED switch can be used with micro:bit to realize various fun interactive projects. The projects include a switch, backlight keyboard, music player panel, and recording control panel. The gravity LED switch supports programming platforms like MakeCode, Mind+, and Arduino IDE.



## Features

- 5 lighting colors of red, green, white, yellow, and blue are optional
- Gravity interface, convenient, and easy-to-use
- Large buttons for easy control
- With the self-locking function, the LED light does not go out when the button is released

## Specifications

- 3.3V to 5V working voltage
- Digital signal output
- PH2.0-3P interface
- 27mm x 26.5mm size

## Applications



Backlight keyboard



Music player panel

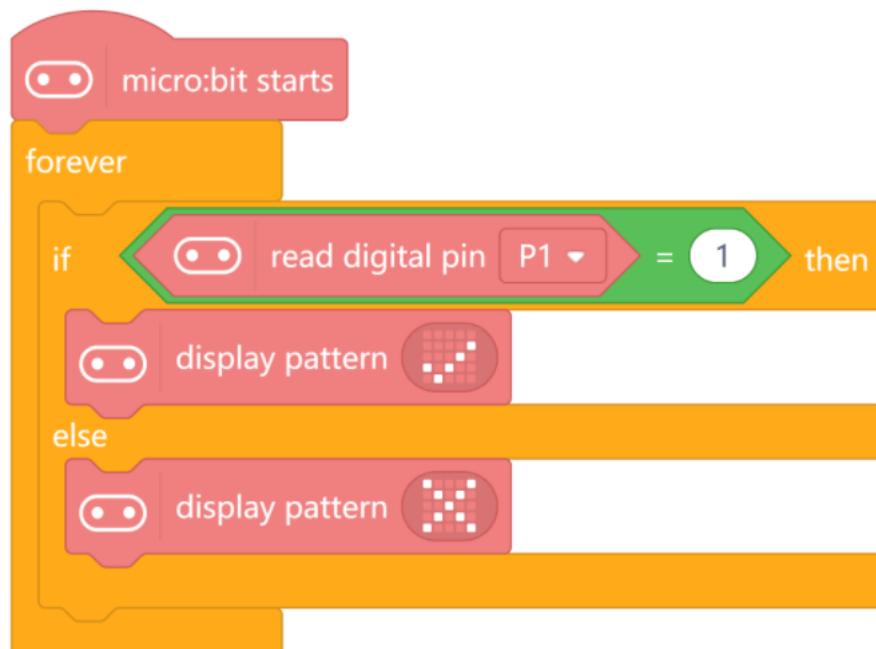


Recording control

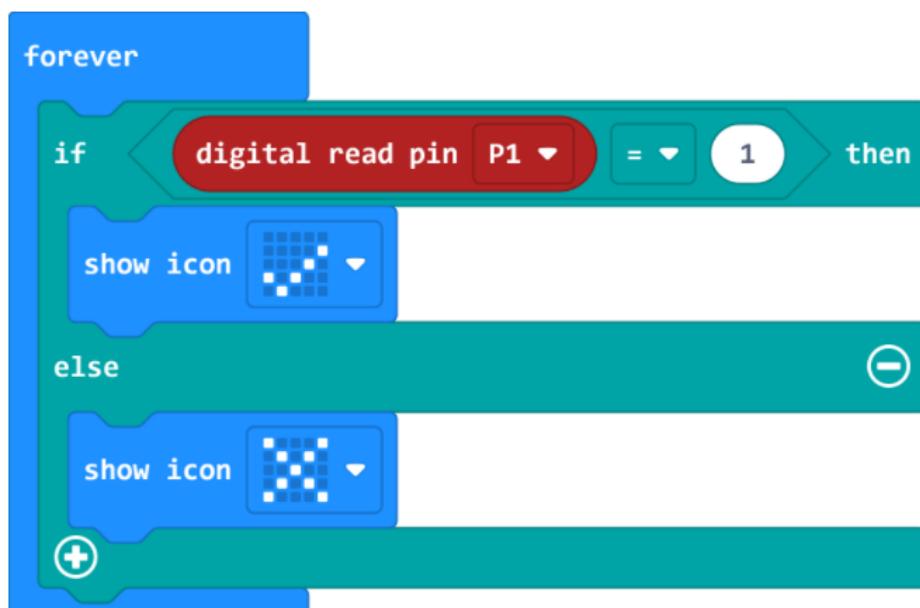
## Kit Contents

- 5x Gravity: Digital switch button with LED (red/ yellow/ green/ blue/ white)
- 5x Digital sensor connector
- 2x Sticker

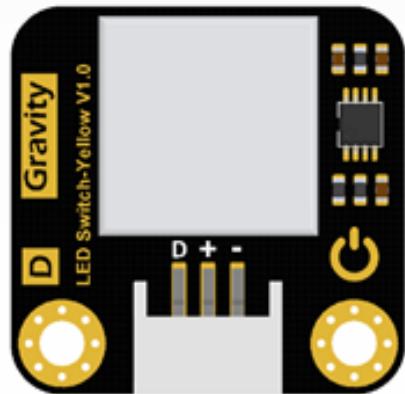
## Mind+ Program Example



## MakeCode Program Example



## Board Overview & Pin Out



Num	Silk-screen	Description
1	D	Control port
2	+	VCC
3	-	GND

## Mouser Part Numbers

[View All Parts](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-gravity-led-switch-5-pack/>