

# Gravity Digital Wireless Switch Kit (433MHz)

TEL0140-1

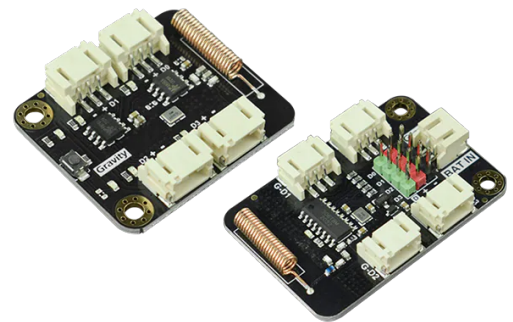
## Product Overview

12-29-2022

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

## Description

The DFRobot Gravity Digital Wireless Switch Kit (433MHz) includes a transmitter module and receiver module with 1 Gravity: digital sensor cable. The kit is based on 433Mhz RF communication technology. The module includes a transmitter and receiver and features the advantages of simple operation, strong penetration, and ultra-low standby power consumption. The module is used on various applications requiring wireless control, such as remote control, wireless doorbell, wireless signal transmission, upgrading wired buttons to wireless buttons, etc.



## Features

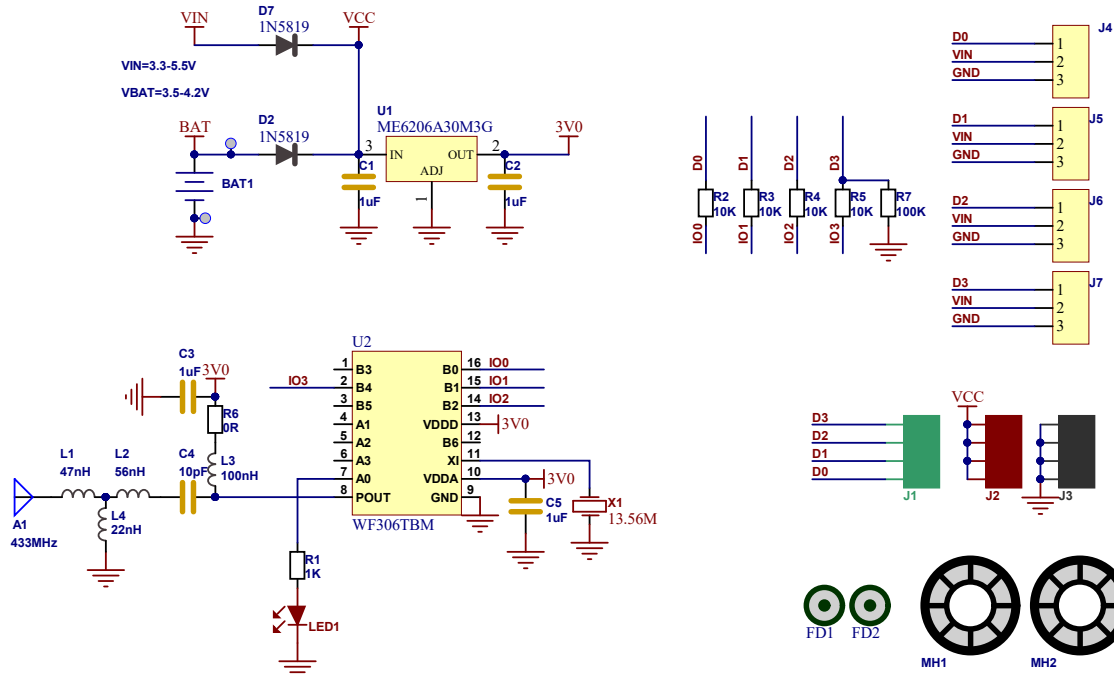
- 15 button states of the transmitter
- Pairing function for the receiver
- Support one-transmit and multiple-receive
- Support one-receive and multiple-transmit
- Multiple working modes: inching, latching, self-locking, and interlocking
- Digital input signal

## Specifications

- 3.3~5.0V DC working voltage range
- 15M indoor stable transmission distance
- 10mA @5V transmitter emission current
- <10μA @5V transmitter standby current
- 6mA @5V receiver emission current
- 3mA @5V receiver standby current
- 4 number of interfaces
- 433Mhz working frequency
- 47mm x 32mm transmitter size
- 37mm x 32mm receiver size
- Mounting hole size: Inner diameter 3.1mm/outer diameter 6mm

- Remote control
- Wireless doorbell
- Wireless signal transmission
- Upgrading wired buttons to wireless buttons

## Transmit Switch Schematic



## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-gravity-digital-wireless-switch-kit/>