PARALLAX ⅀Ⅱ

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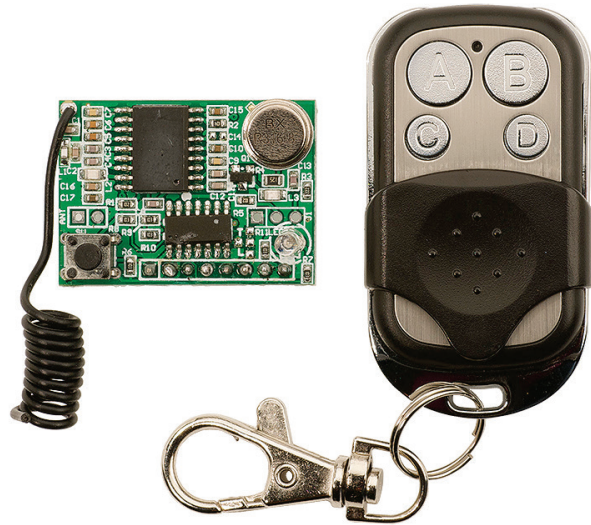Sales: (888) 512-1024
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Key Fob Remote (#700-10016)

The Key Fob Remote is a simple device that lets you control four outputs on the included Receiver PCB. Just press a button on the Remote to make the corresponding output pins on the Receiver PCB send a 5 V high signal. It's an affordable way to add wireless human input to your projects.

Features

- 4 channel control
- Signal indicator LED
- Remote and Receiver PCB are pre-synchronized
- Up to 50 foot line-of sight range
- Source 40 mA per Receiver channel @ 5 VDC for your projects
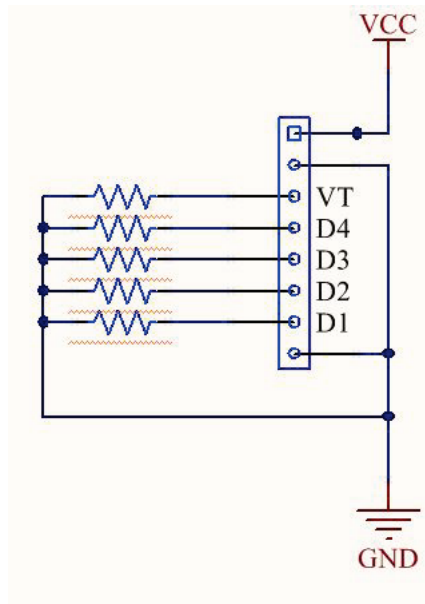- Pre-installed battery in the remote

Key Specifications

- Operating frequency: 316 MHz band
- Standard 0.1" pin spacing
- Range: Up to 50 feet (15.25 meters) line-of-sight
- Power requirements: 5.0 VDC; 40 mA @ 5 VDC per receiver channel
- Communication: TTL level
- Receiver PCB Dimensions: 1.34 x 0.96 in (3.40 x 2.44 cm)
- Operating temp range: -4 to +158 °F (-20 to +70 °C)

Application Ideas

- Remote lighting activator
- Keyless access
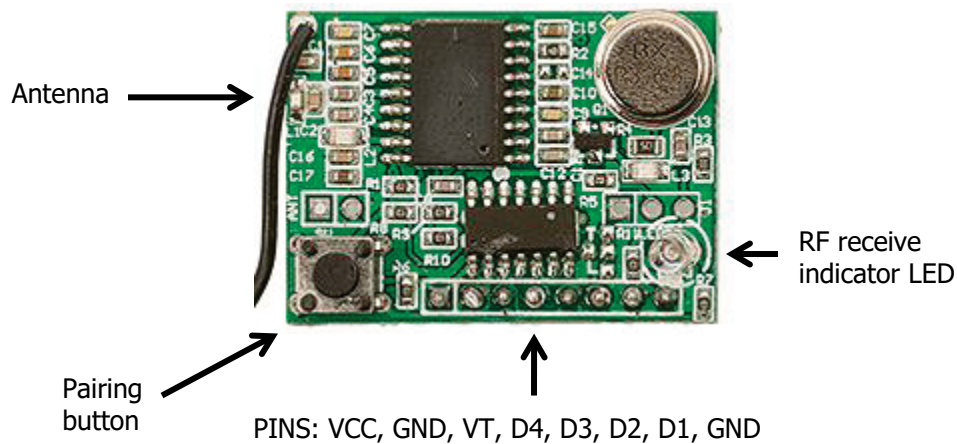- Remote digital sign controller

Connection Diagram

The representation below shows a typical interface to the Key Fob Receiver Board. Resistors indicate your added devices (e.g. microcontroller I/O pin, relay, etc…).

Receiver Board

The receiver board only needs 5 VDC on the VCC pin. Once it is powered up, you are ready to connect "VT" or any of the "D" pins to your project.

Antenna

RF receive indicator LED

Pairing button

PINS: VCC, GND, VT, D4, D3, D2, D1, GND

The Receiver Board has a pre-soldered antenna in "ANT2". To add even more range to the receiver you can add your own antenna to "ANT1" on the receiver board.