



## 315Mhz RF link kit

SKU 113990017

### Description

The kit is consisted of transmitter and receiver, popular used for remote control.

### Usage

The popular link is like this: MCU -> Encoder -> Transmitter ----- Receiver -> Decoder -> MCU, PT2262(Encoder) and PT2272(Decoder) are optional, their existence is to 1)avoid confusing when multiple RF links in range 2) isolate disturbance. You can integrate the encoding and decoding work to the MCUs on both side. Whenever there is no 315Mhz devices around, you may use it as direct cable connection.

Excuse for the documentation, we will work on them. Before that, please consult us for any details, we are happy to find the answer for you .We tried them using the guide from Sparkfun, it's compatible. The only difference is in package, of some excess GND pins.

### Technical Details

|                                 |  |
|---------------------------------|--|
| Dimensions                      | 60mm x 40mm x 7.50mm                           |
| Weight                          | G.W 5g   |
| Battery                         | Exclude  |
| Frequency                       | 315Mhz   |
| Modulation                      | ASK  |
| Receiver data output            | High - 1/2 Vcc, Low - 0.7v                     |
| Transmitter input voltage       | 3-12V (high voltage = more transmitting power) |
| Transmitting range (work at 5V) | 40m indoor, and 100m in open air               |

### Part List

|                    |   |
|--------------------|---|
| Receiver Module    | 1 |
| Transmitter Module | 1 |

### ECCN/HTS

|        |            |
|--------|------------|
| ECCN   | 5A991.b    |
| HSCODE | 8517709000 |

