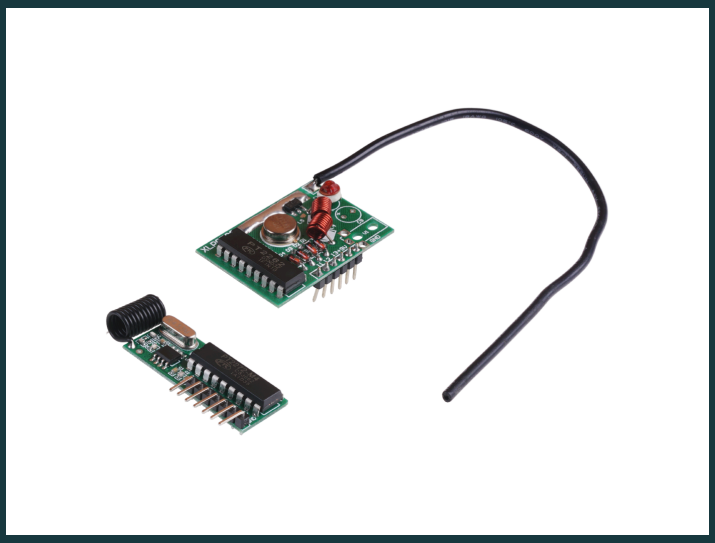
seeed studio

INDUSTRIAL PRODUCT DATASHEET

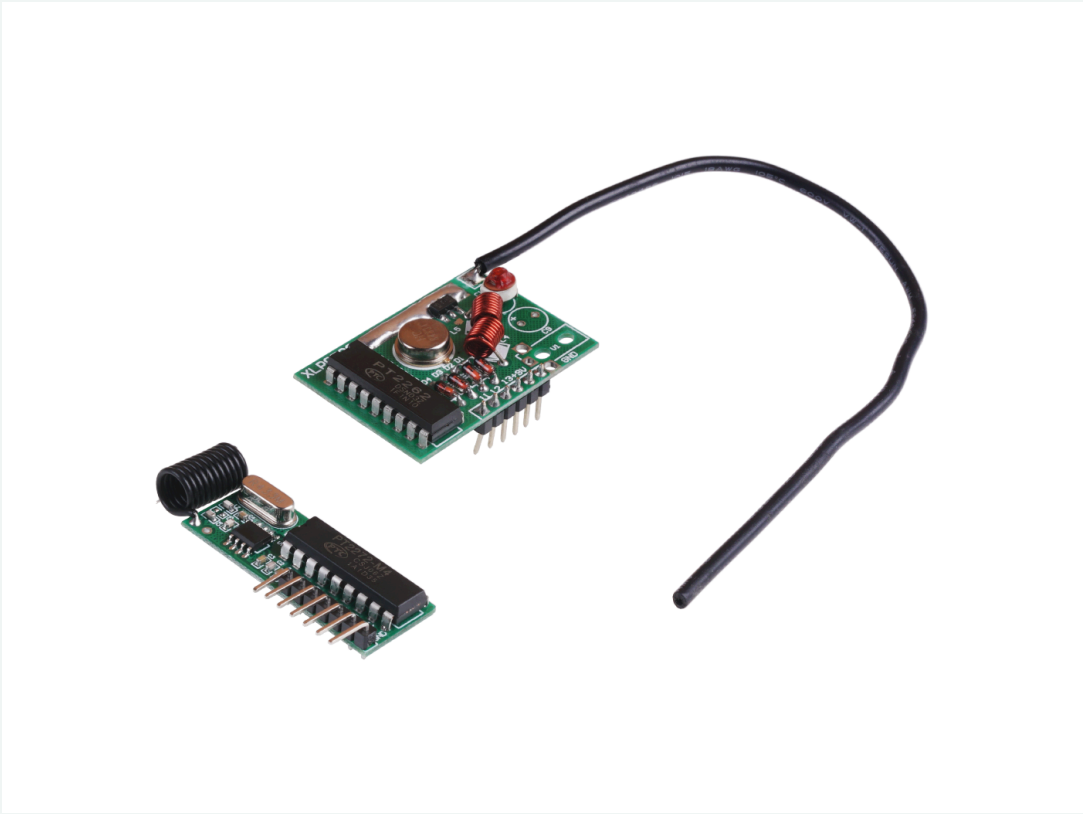
RF Transmitter and Receiver Link Kit - 433MHz

This is a complete RF transmitter and receiver kit, which can realize wireless data transmission, remote control and other functions.

SKU	UPDATED	PRICE
114992732	2026-11-11 08:43:16	$17.00(Excl. VAT)



Overview



This is a complete RF transmitter and receiver kit, which can realize wireless data transmission, remote control and other functions. The kit consists of ASK transmitter and receiver modules with superior performance and low cost, and its carrier frequency can be 433MHz.This product is a co-create collaboration with Seeed Studio and RF Explorer.

Key Features

01 **Low power consumption**

5V about 6.0mA / 3.3V about 5mA

02 **High receiving sensitivity**

-110dBm@10kbps

03 **Long emission distance**

2km(Open area without interference)

04 **Wide temperature range**

-20~75℃

05 **Flexible application,breadboard and PCB friendly**

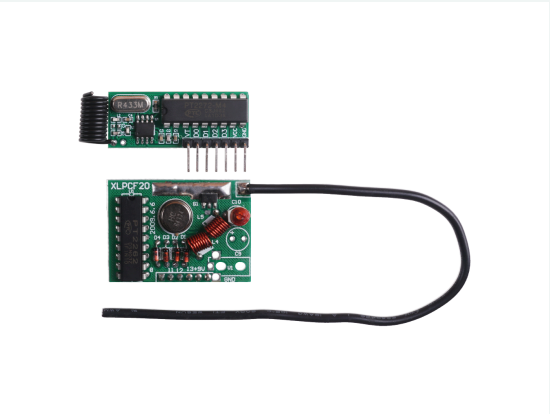
06 **Strong radiation suppression ability**

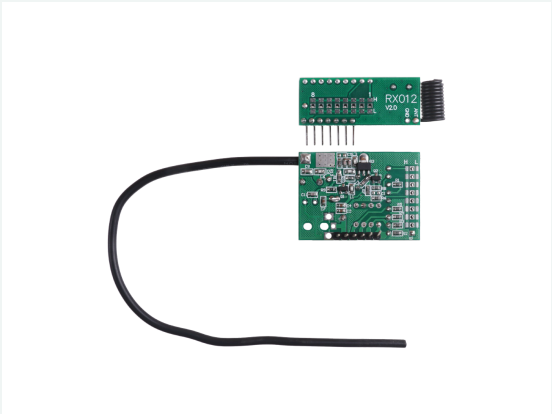
no mutual interference, no influence on receiving distance.

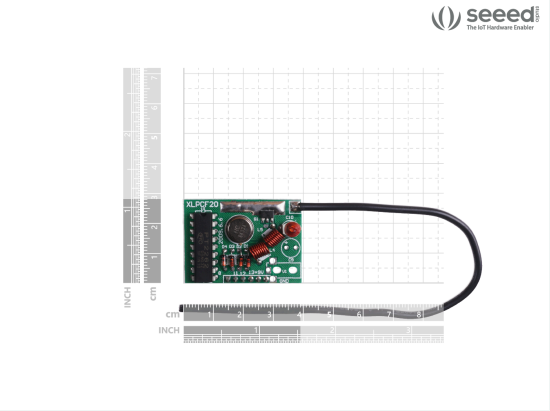
07 **[Transmitter]**

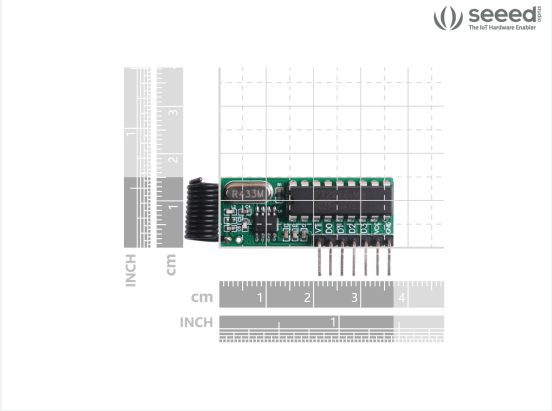
08 **[Receiver]**

Product Gallery

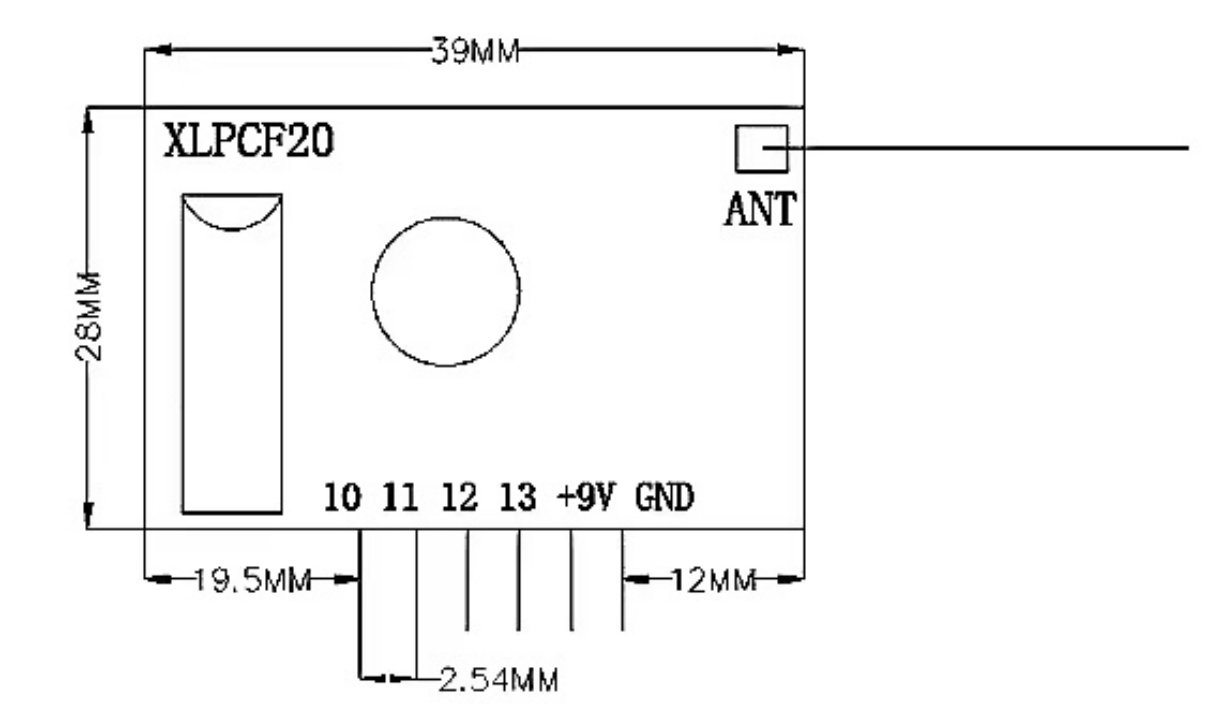


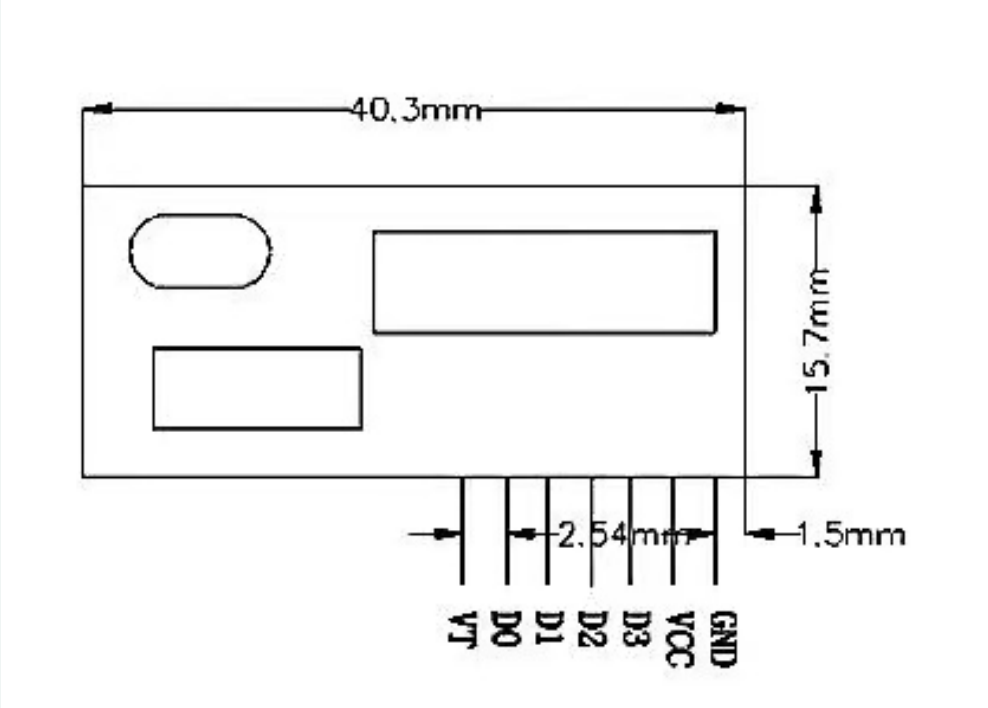




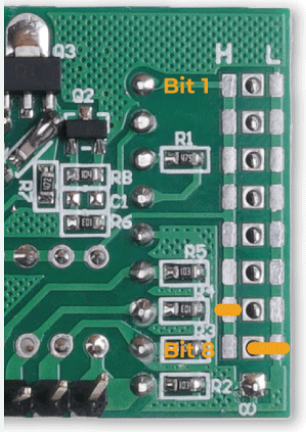


Hardware Overview



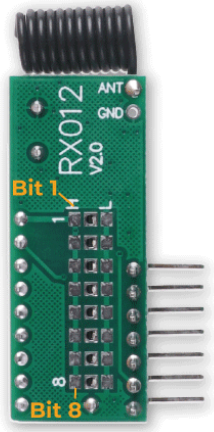


Explanation on coding

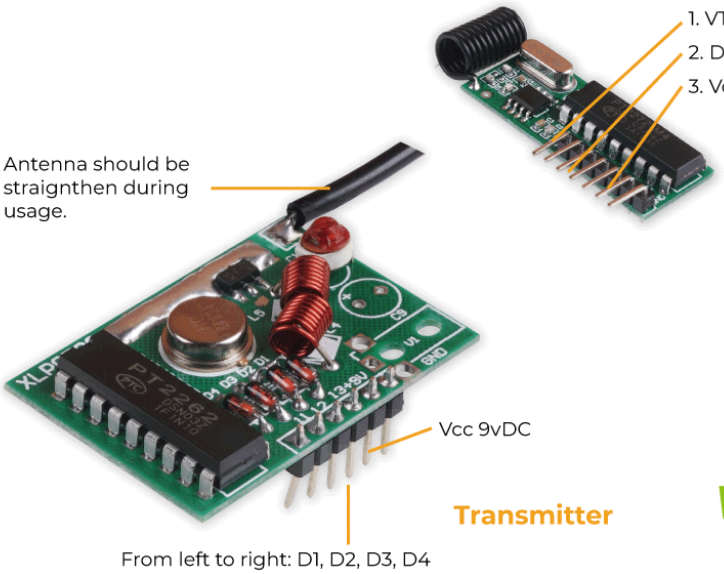


Three state for each coding bit, solder corresponding bit for pairing.

Example:
- Float, do nothing
- High, solder pin to the left pad
- Low, solder pin to the right pad



Transmitter **Receiver**



Wiring Scheme

Applications

- Automobile remote control door switch
- Remote control door opener
- Wireless security alarm
- Remote control curtain machine
- Wireless industrial controller
- Wireless data transmission
- Wireless remote control model
- Wireless toys control

Resource Links

- https://www.seeedstudio.com/RF-Transmitter-and-Receiver-Link-Kit-315MHz-433MHz-p-5077.html

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