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315MHz XD-FST XD-RF-5V Wireless Transmitter Receiver Module Not Super-heterodyne

Transmitter Module: HFY-FST

Specification:

Working voltage: 3V ~ 12V Working current: 20mA ~ 28mA Standby current: 0mA Working frequency: 315MHz Transmitter distance: >500m (sensitivity can be above -103dBm if in wide field) Output power: 16dBm (40mW) Transmitter rate: <10Kbps Modulation mode: OOK (AM) Working temperature: -10°C ~ +70°C Size: 19 x 19 x 8mm

Feature: Stable performance Wider range of working voltage

Pins: PIN1, ATAD: data input PIN2, VCC: power + PIN3, GND: power -

Application:

Wireless calling system, burglar alarm, wireless data transmission, automated data acquisition system

Receiver Module (5V super-regeneration): HFY-J18

Specification:

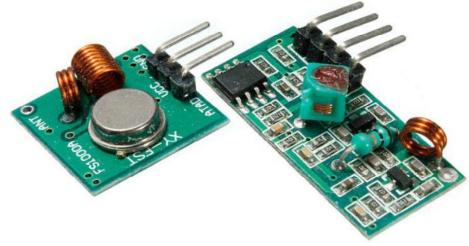
- Working voltage: DC 5V Working current: 4mA Modulation mode: OOK (AM) Working temperature: -10°C ~ +70°C Receiving sensitivity: -110dB Working frequency: 315MHz Size: 30 x 14 x 7mm
- Feature: Using LC oscillating circuit, include amplification Output data signal is TTL level Connect to decoder directly
- Pins: PIN1 ANT: antenna PIN2 VCC: power + PIN3/4 DATA: data output PIN5 GND: power -

Application:

Wireless remote control switch, remote control socket, data transmission, remote control toys, anti-theft alarm host

Note: The antenna has large impact on reception of the module, the best antenna wavelength is 1/4, and generally use 500hm single wire, the antenna length of 315M one is about 23cm.

Also the position of the antenna affect the reception of the module, keep the antenna stretched and away from the shield, high pressure, and interference source as far as possible.



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