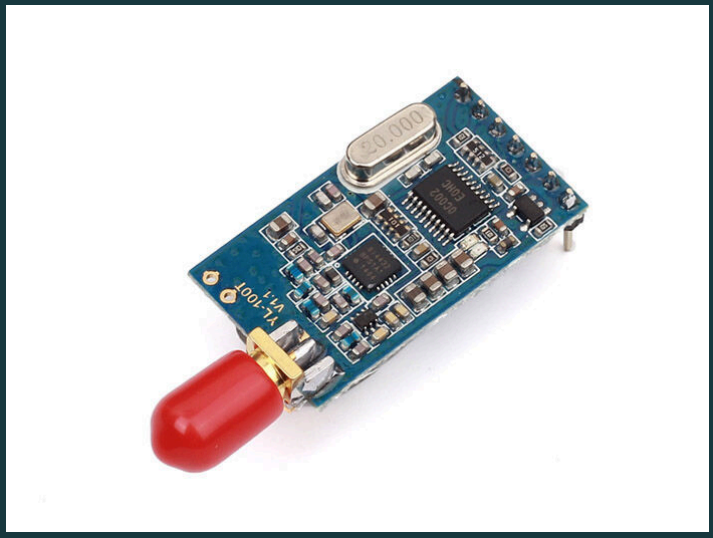
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INDUSTRIAL PRODUCT DATASHEET

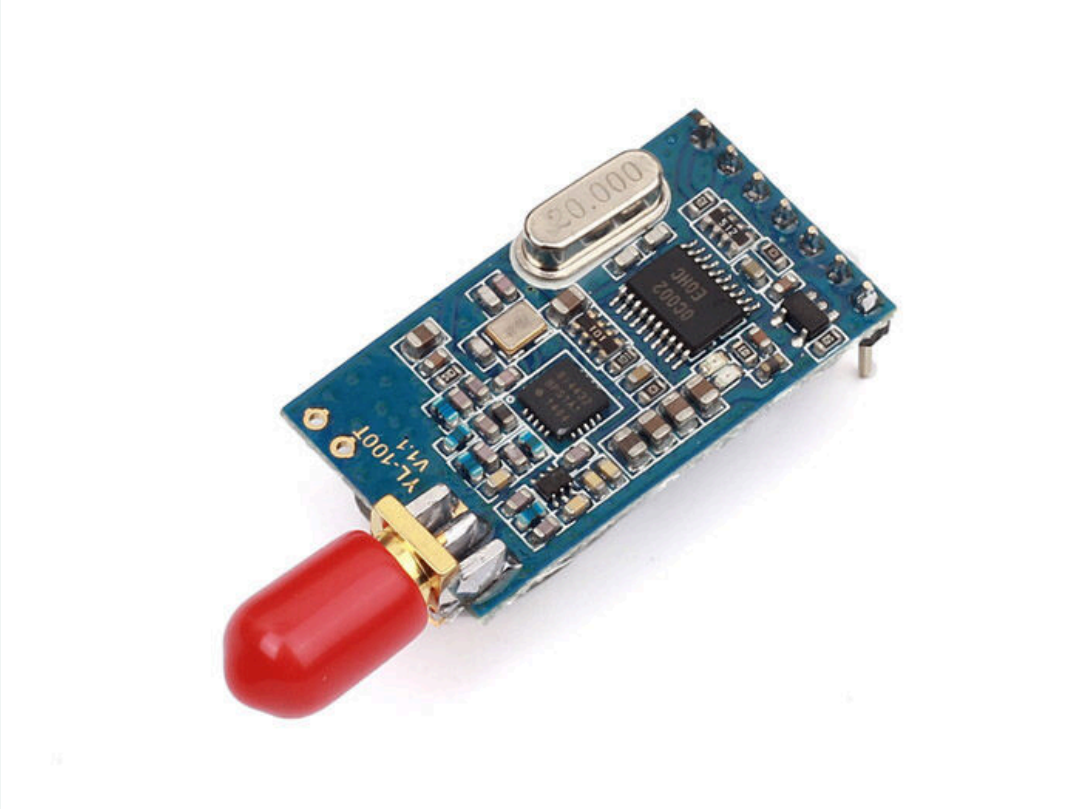
433&868&915MHz Ultra low power data radio module

WT-100T: Ultra-low-power sub-1 GHz GFSK transceiver module with 256-byte buffer, UART/TTL interface, and <5uA standby current for ISM band applications.

SKU	UPDATED	PRICE
317010010	2024-08-09 02:02:38	$19.50(Excl. VAT)



Overview



The WT-100T is a low-cost sub-1 GHz GFSK transceiver module designed for the 433/868/915 MHz ISM bands, featuring a 256-byte buffer, multi-channel operation, and a standard UART/TTL interface. It offers configurable baud rate, 20dBm maximum output power, <5uA standby current, and high receive sensitivity, making it suitable for robust wireless links in battery-powered applications.

Key Features

Description
WT-100T is a low-cost sub-1 GHz transceiver module designed for operations in the unlicensed ISM (Industrial Scientific Medical) and LPRD bands. GFSK (Frequency Shift Keying) odulation/demodulation, multi-channel operation, high bandwidth efficiency and anti-blocking performance make WT-100T modules easy to realize the robust and reliable wireless link.

WT-100T integrates 256 bytes buffer. When the buffer is empty, users can transfer 256 bytes data per time and even limitless data transfer can be achieved as long as RF data rate (RF module to RF module) is configured to be faster than UART data rate (MCU to RF module). The module provides standard UART/TTL interface for selection. Users can choose seven data rates and three parity checks which make WT-100T possibly tailor-made for different applications. WT-100T operates at 3.4~5.5V with extra low standby current which makes it suitable for battery powered-up applications.

Features:

Features
GFSK transceiver Module
433/868/915Mhz ISM frequency band (optional)
9.6K bps FSK data rate
Multiple channels
20dBm Max. output power
Baud rate configurable
Standby current < 5uA
Supply voltage 3.4~5.5V
High receive sensitivity

Application
Home automation
Automatic meter reading
Contactless access
Wireless data logger
Remote motor control
Wireless sensor network
Security alarm
Telemetry

Specification:

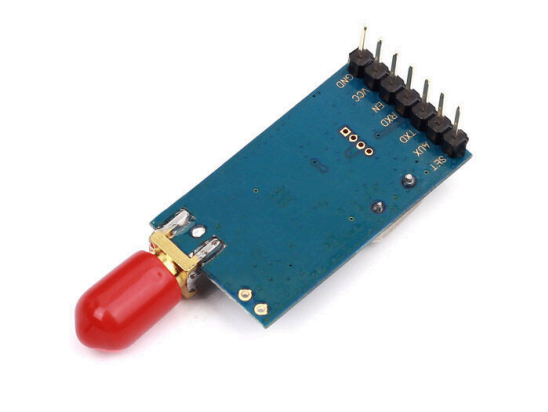
Resources

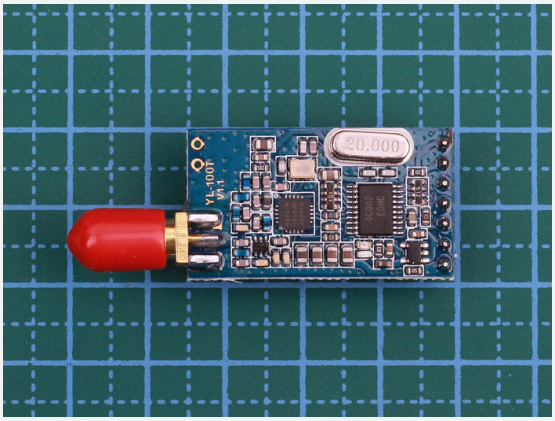
- 317010010_WT-100T Datasheet.pdf

For any technical support or suggestion, please kindly go to our **forum**.

Technical Details
Technical details

Product Gallery





Specification

Dimensions	60mm x60mm x13.4mm
Weight	G.W 6g
Battery	Exclude

Compliance & Logistics

ECCN	5A991.b
HSCODE	8518900090
ROHS	1

Resource Links

- https://www.seeedstudio.com/433-868-915MHz-Ultra-low-power-data-radio-module-p-2267.html

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