



Fully compatible (PTR8000 +) module
[Product name :] NRF905 module
[Product Unit:] months (including the antenna)
[Description:] communication module

Application areas:

Vehicle monitoring , remote control, telemetry, small wireless network, wireless meter reading , access control systems, paging , industrial data acquisition system, radio tags , identification, RF contactless smart cards, small wireless data terminals, fire safety systems, wireless remote control system , biological signal acquisition, hydrological and meteorological monitoring, robot control, wireless 232 data communications, wireless 485 / 422 data communications, digital audio , digital image transmission.

Features:

One tri-band transceiver operating frequency is internationally accepted ISM band 433/868/915MHz GMSK modulation, anti-interference ability , especially suitable for industrial control applications using DSS + PLL frequency synthesizer technology, high frequency stability excellent sensitivity , to - 100dBm low operating voltage (2.7V), low power consumption, standby only 1uA, low-power devices to meet the requirements of the maximum transmit power of +10 dBm with multiple channels (up to 170 or more) , especially to meet the needs of multi-channel work special occasions up to 76.8Kbps work rate

Minimum of external components (only 10) , the basic need to debug. As a result of low transmitting power and high receiver sensitivity design, without a permit , the use of open ground distances of up to 1000 m ** specific use of the environment and component parameters.

Electrical characteristics :

NRF905 working band : 433/868/915MHz

Number of channels : 170

Function: transmit / receive

Frequency stabilization mode : PLL

Modulation : FSK / GMSK

Maximum output power : +10 dBm

Sensitivity :-100dBm

Maximum operating rate : 76.8Kbit / s

Operating voltage :2.7 - 3.3 V