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







