

# N532DS

## CC1130/CC1312 FSK RF Uart Module,33dbm



## INTRODUCTION

N532 is a low-cost and small size RF module for transmitting and receiving digital data via radio frequency. All of the N532's electronics (don't including an antenna) reside on a single PCB, and all operational power is derived from a single supply voltage.

The transceiver module design consists of a CC1310 low-power, integrated sub 1G transceiver RF chip, all IO pin are brought out. The module available frequency is from 860-960Mhz, The hardware is designed for maximum range, The module visual distance up to 10000m. Optional CC1312.

## Technical specifications

### Hardware Information

Interfaces: SPI, IIC, UART  
 Dimension: 36 x 22mm x 3mm  
 Operating voltage: 2 - 3.6V  
 PA Operating voltage: 3 - 6V  
 Operating temperature: -30°C to +70°C

Consumption(Sleep) : 2uA  
 Consumption (RX): 9mA  
 Consumption (TX): 1200mA  
 RF chip: CC1310/CC1312  
 Mounting: SMD

### Software

Asynchronous Transparent mode  
 Low Power mode  
 Secure mode

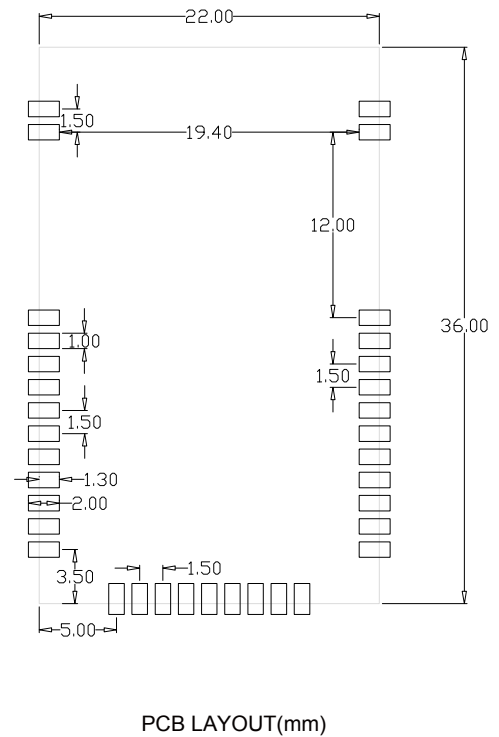
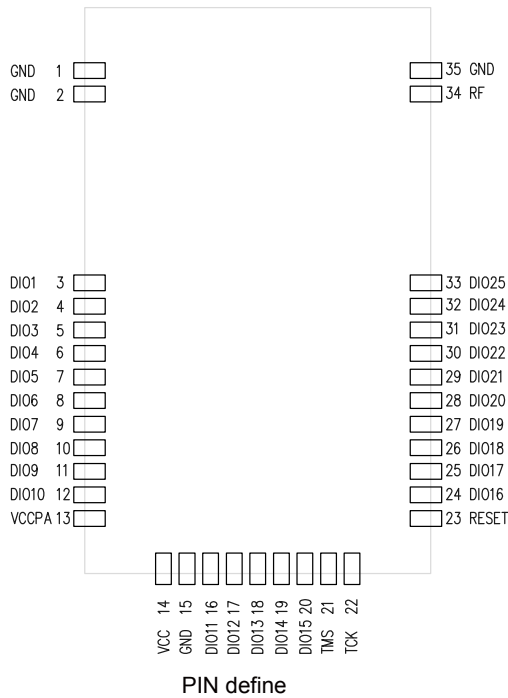
RSSI mode  
 Serial bootloader  
 Adjustable packet size

### Wireless Interface

RF pin, IPEX  
 Frequency: 860-960Mhz  
 Modulation: FSK  
 RF deviation:  $\pm 10$  Khz

RF data rate: 1 - 1000Kbps  
 RF output power: up to 33dBm ( 5V )  
 RF sensitivity: -127dBm

## Pin configuration & Dimensions



## Part numbers

N532DS-868M RF Module N532DS-868M – 2000mW – 860-960Mhz

## OTHER MODULES OF BANDS RANGE

N532ES-868M RF Module N532ES-868M – 1000mW – 860-960Mhz

## Manufacturer

SHENZHEN HEYAN TECHNOLOGY CO.,LTD

## Contact with us

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