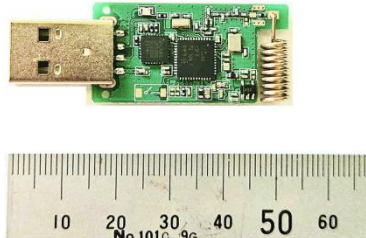


N534BP, CC1311R3 Dongle



N534BP dongle Introduce

N534BP CC1311R3 transceiver dongle designed for 169M,433M, 868M, 915MHz and 1200Mhz band. Up to +14 dBm output power and down to -110 dBm sensitivity at 50 kbps.

N534BP is a low-cost and small size FSK RF transceiver dongle for transmitting and receiving digital data via radio frequency. All of the N534BP's electronics (don't including an antenna) reside on a single PCB.

The transceiver dongle based TI wireless MCU CC1311R31T0RGZ, CC1311R31T0RGZ integrated sub 1G transceiver RF chip. The dongle available frequency is from 169M,433M, 868M, 915MHz and 1200Mhz. The hardware is designed for maximum range, 500m + Range (Line of Sight, 50 kbps).

N534BP dongle integrated TI CC1311R31T0RGZ, TCXO, spring antenna, LED, key, and UART TO USB chip.

N534BP dongle supports Multiple protocols, eg: Wi-Sun and WMBus. AT command supports.

N534BP is suitable for ISM band in China, EU and USA.

N534BP Dongle Parameter

| | |
|-----------------------|-------------------------------------|
| Model | N534BP |
| dongle Interface | USB 2.0 |
| Frequency | 169M,433M, 868M, 915MHz and 1200Mhz |
| RF Data Rate | 1.2-4000 kbps |
| Transmitting Power | +14 dBm |
| Receiving Sensitivity | -110 dBm at 50 kbps |

| | |
|--|--|
| TX Current | 35 mA |
| RX Current | 21 mA |
| Frequency Deviation | +/- 1 khz |
| Communication Distance | 10 – 1500 m(Visual distance) |
| Antenna Interface | IPEX, spring antenna |
| Installation Mode | USB PLUG |
| Volume (mm) | 37 mm x 20 mm x 7 mm |
| Operating Voltage | + 5 V |
| Working Temperature and Humidity Environment | Temperature: -40 - 80 °C; Humidity 10-95 %RH |
| Storage Temperature and Humidity Environment | Temperature: -40 - 80 °C; Humidity 10-95 %RH |
| Weight (kg) | ≈10g |

Application Area

Ultra low-power wireless applications

Operating in the 315/433/868/915 MHz ISM/SRD bands

Wireless alarm and security systems

Industrial monitoring and control

Wireless sensor networks

AMR – Automatic Meter Reading

Home and building automation

Wireless MBUS

Arduino

Ordering Information

N534BP-CC1311R3-868M RF Dongle CC1311R31T0RGZ 20mW – 860-960Mhz

N534BP-CC1311R3-1200M RF Dongle CC1311R31T0RGZ 20mW – 1200-1250Mhz

More information please contact with us.