

N534AP, CC1310 Dongle



INTRODUCTION

N534AP is a low-cost and small size FSK RF USB dongle for transmitting and receiving digital data via radio frequency. All of the N534's electronics reside on a single PCB, and all operational power is derived from a single supply voltage.

N534AP RF dongle design consists of a TI CC1310. The dongle used helix antenna. The dongle available frequency is from 410Mhz to 960mhz. The hardware is designed for maximum range.

Technical specifications

Hardware Information

Interfaces: USB
Dimension: 32 x 19mm x 7mm
Operating voltage VCC:5V
Operating temperature: -30°C to +80°C

Consumption(Sleep) : 1uA
Consumption (RX): 17mA
Consumption (TX): 24mA (14dBm)
Wireless Micro-controller:CC1310
Mounting: USB

Software

Asynchronous Transparent mode
Low Power mode
Secure mode

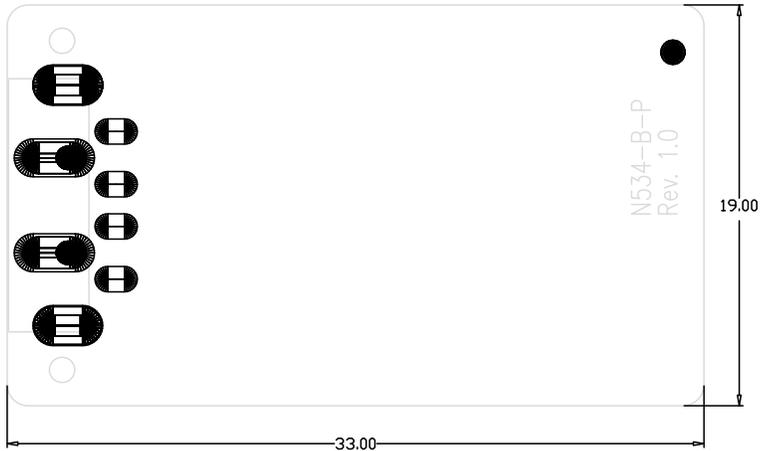
RSSI mode
Serial bootloader
Adjustable packet size

Wireless Interface

RF antenna
Frequency:410-510Mhz,860M-960MHz
Modulation: GFSK
RF deviation: ± 10 Khz

RF data rate: 1-500kbps
RF output power: up to 14dBm
RF sensitivity: -122dBm

Pin configuration & Dimensions



Part numbers

N534AP-434M RF Dongle N534AP – 20mW – 410M-510Mhz

N534AP-868M RF Dongle N534AP – 20mW – 860M-960Mhz

Notice

This N534 USB dongle have not any fireware,custom must use your own firmware. More about CC1310 information please see the CC1310 datasheet. Please visit : www.ti.com



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