NB-IoT Module

lierda® NB86-G
IMEI:869029030009541
SN:20G1819000073
RoHS

Band	Uplink(UL)band	Downlink(DL)band	Duplex Mode
Band 01	1920MHz-1980MHz	2110MHz-2170MHz	H-FDD
Band 03	1710MHz-1785MHz	1805MHz-1880MHz	H-FDD
Band 05	824MHz-849MHz	869MHz-894MHz	H-FDD
Band 08	880MHz-915MHz	925MHz-960MHz	H-FDD
Band 20	832MHz-862MHz	791MHz-821MHz	H-FDD
Band 28*	703MHz-748MHz	758MHz-803MHz	H-FDD

Introduction:

NB86-G type module is developed based on Boudica chipset, the module is world's leading NB-IoT wireless communication module, is respectively conformed to multi-band of 3GPP standards. It has small size, low power consumption, long-range transmission, strong antijamming capability and other features. Using this module, can facilitate customers fast, flexible to make product **design.**

Hardware Interface:

Embedded Low Power Consumption MCU, 2 way UART Interface, 1 Antenna Pin, 1 way SIM/USIM/eSIM, 2 way ADC interface, 2 way IIC, 2 way SPI, 6*GPIO。

Software Support：

Supports 3GPP standard instructions and extended instructions

Module Features：

Sensitivity: -128dBm   **Transmitting Power：**23dBm (Max.)

Transmitting Speed：100bps<bit rate<100kbps

Ultralow Power Consumption：<5uA   **Working Temperature：**-30℃~﹢85℃

Module Packaging: LCC and Stamp hole package