NB-IoT Module

NB05-01/NB08-01 type module is developed based on Boudica chipset, the module is world's leading NB-IoT wireless communication module, is respectively conformed to Band 5, Band 8 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