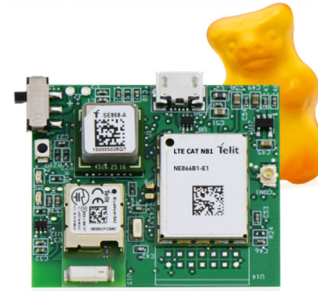


BlueSenso2Cloud

Narrow Band IoT NB1/GNSS/BLE 5.0 tracking device



Product Description:

The Blue-Senso2Cloud is provided with a Bluetooth- and a Narrowband cellular module and with a GNSS interface. It can also carry a 3G or 2G module.

The tracker receives data and communicates via mobile phone network.

The configuration is done with USB, Bluetooth or SMS. In addition, the Blue-Senso2Cloud comes with a ON/OFF switch.

The tracker also has an accelerometer to recognize a standstill motion. You can set the modem and the GNSS module to sleeping mode and save power. The batteries can be charged over the USB port.

Your key benefits:

- Reading out stored data via Bluetooth.
- Ready for internet communication.
- NB1, CatM1, 3G, 2G.
- WiFi.
- Configuration via USB, Bluetooth, sms.
- Low power design for max battery life
- 1 x On/Off switch.
- 2 x Status LEDs.
- PCB dimensions: 40 mm x 35 mm.
- The Blue-SensoTracker runs on 380mAh batteries that can last for up to 1,5 days.

Technical Characteristics

- Category: PCB
- Product Family: BlueSenso Tracker
- Cellular Module: NE866B1, GE866, UE866
- Wireless Technologies: NB1, M1, 3G, 2G, GNSS (GPS/Glonass), Bluetooth
- Frequency Band (MHz): 2100, 1800, 900
- Power Supply: Lipo Battery 3.7V
- Height (mm): 9.7
- Metrics (mm): 36.5 X 40.9
- Microcontroller: PIC32MM0256
- Interfaces: 1 X SIM, 1 X USB, Bluetooth Module
- Source Code Available
- Storage: 128KB EEPROM
- Download: GPRS Downlink: 9,6Kbps, GPRS Uplink: 9,6Kbps
- GPS Sensitivity: -163dBm
- GPS Channel: L1
- Cellular Antenna Connector: U.fl
- GPS Antenna Connector: On-Board
- Operating Temperature: -40°C to +85°C



Technical Drawing

