

Arduino NB-IoT Shield

LTE CAT-M1/NB1/EGPRS LTE Modem and GNSS for Arduino

→ MAIN ATTRIBUTES

Connects Arduino boards to LTE cellular networks

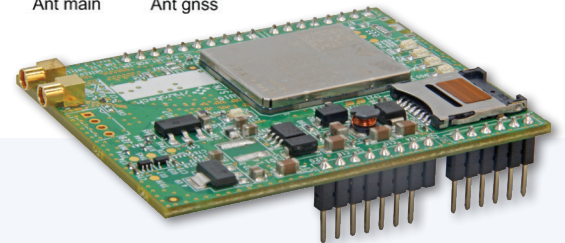
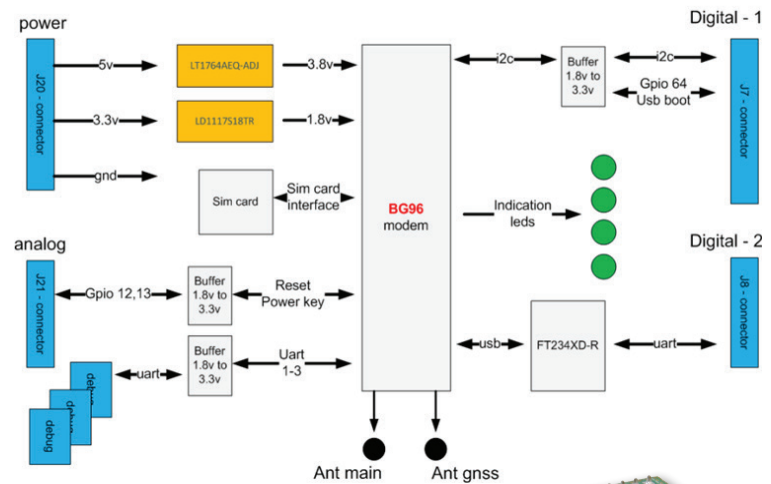
Based on Quectel BG96 LTE CAT-M1/NB1/EGPRS Modem

GNSS (GPS, GLONASS)

Low Power Consumption

Arduino connector format

→ BLOCK DIAGRAM



→ Arduino NB-IoT Shield is an Arduino format shield hosting Quectel BG96 LTE CAT-M1/NB1/EGPRS modem enabling low power connectivity to cellular networks. A built in GNSS (GPS, GLONASS) device adds location and navigation to your application. The shield enables rapid development and prototyping of industrial grade low power IoT applications requiring LTE connectivity.

Arduino format connectors allow using the shield with Arduino boards and Arduino compatible development platforms.

Main features:

- Quectel BG96 LTE CAT-M1/NB1/EGPRS Modem
- Maximum data rate 375Kbps UL/DL
- GNSS (GPS, GLONASS)
- Industrial grade
- Low power consumption
- Arduino Shield connector format
- I2C, UART, GPIO for modem operation
- Micro SIM Card connector
- External Modem and GPS antenna connectors (MMCX)
- Ordering part number: SRT-ARD-SLD-NBIOT