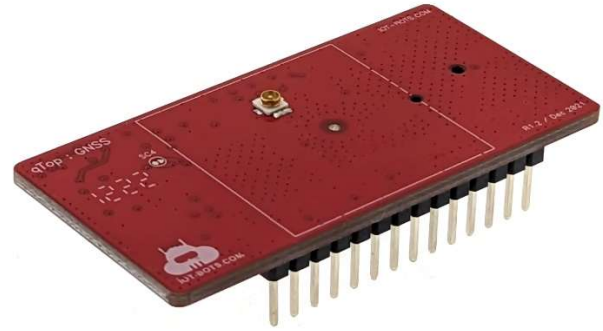


qTop GNSS External Antenna AMC shield

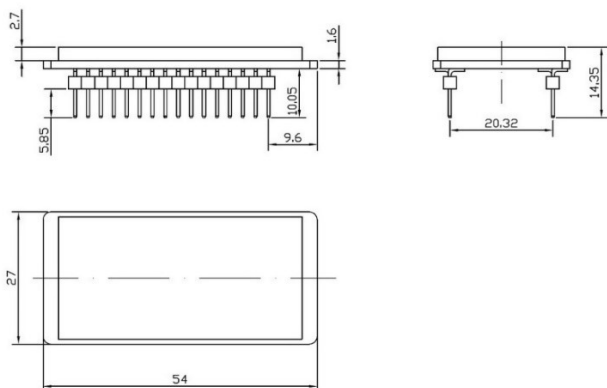
qTop GNSS External Antenna AMC Shield is the easiest way to bring GNSS Location feature to your Arduino MKR Compatible board DIY IOT project. Low power Multi-GNSS engine Quectel L76 module based qTop shields to be used together with popular Arduino MKR Compatible IOT boards to build various DIY IOT projects.



FEATURES

- Ultra-low power & enhanced performance Quectel L76 module based shield;
- Optimized Power Management: Integrated Power On/Off Control;
- Flexible and compatible interface: All module UARTs and control pins are accessible through PCB jumpers;
- External antenna option: Built-in u.FL connector for External antenna to be connected;
- Backup Battery Feature: Built-In Real Time Clock CR1220 Battery Holder;
- Popular IOT board compatibility: pin-to-pin compatible with popular Arduino MKR IOT boards.

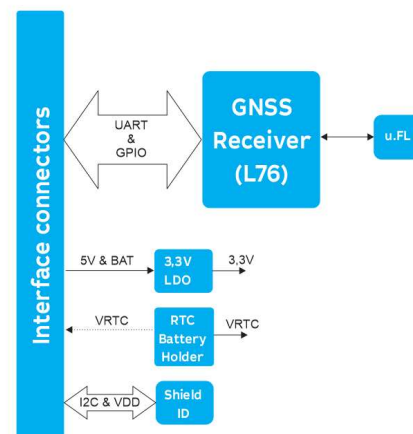
MECHANICAL



Note : All dimensions are preliminary

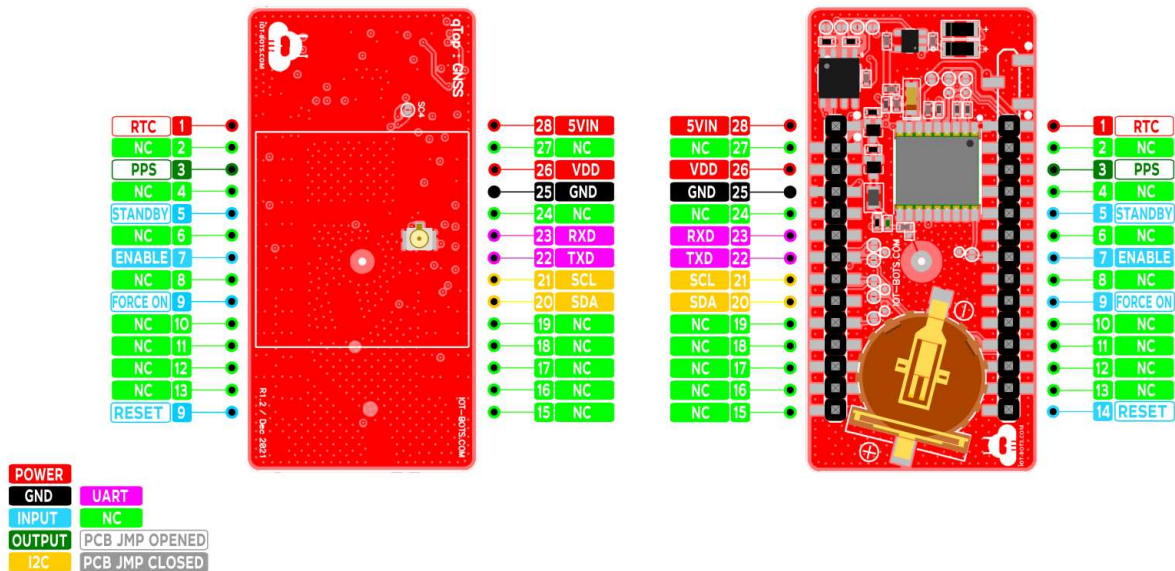
BLOCK DIAGRAMM

qTop L76-E GNSS Shield





PINOUT



ELECTRICAL

Parameter	Min	Typ.	Max
Power Supply, VDC	3.6	4.2	5.5
Digital I/O Pins, VDC	0	3.3	3.6
RTC Pin, VDC	0	3.0	3.0
Networks	NA		
Location	BeiDou, Galileo, GLONASS, GPS, QZSS		
Operating Temperature	-40 °C to +85 °C		

ASSEMBLING



PRODUCT PAGE

[gTop GNSS Ext. Antenna AMC Shield page](#)

ORDERING INFO

IBT-QTN-AMC-L76-E

CONTACT INFO

support@iot-bots.com

www.iot-bots.com