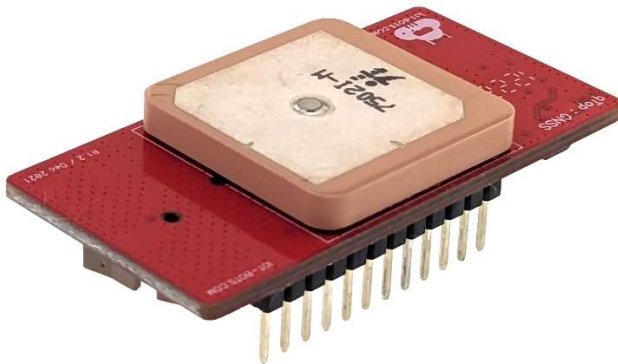


qTop GNSS Patch Antenna AFC shield

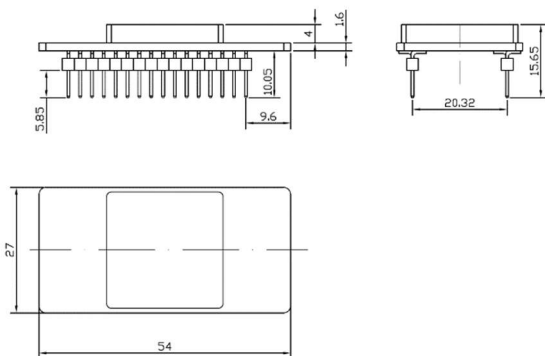
qTop GNSS Patch Antenna AFC Shield is the easiest way to bring GNSS Location feature to your Adafruit Feather Compatible board DIY IOT project. Low power Multi-GNSS engine Quectel L76-L module based qTop shields to be used together with popular Adafruit Feather Compatible IOT boards to build various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



FEATURES

- Ultra-low power & enhanced performance Quectel L76-L 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;
- Internal antenna option: Integrated High Quality 25mm x 25mm x 4.0mm Patch Antenna;
- Backup Battery Feature: Built-In Real Time Clock CR1220 Battery Holder;
- Popular IOT board compatibility: pin-to-pin compatible with popular Adafruit Feather IOT boards.

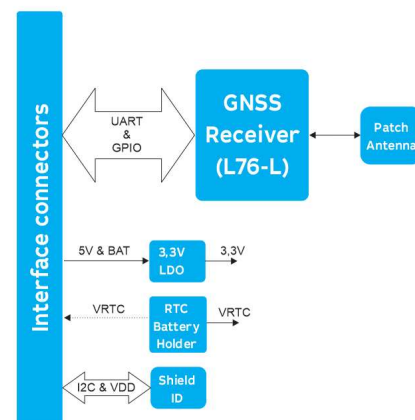
MECHANICAL



Note : All dimensions are preliminary

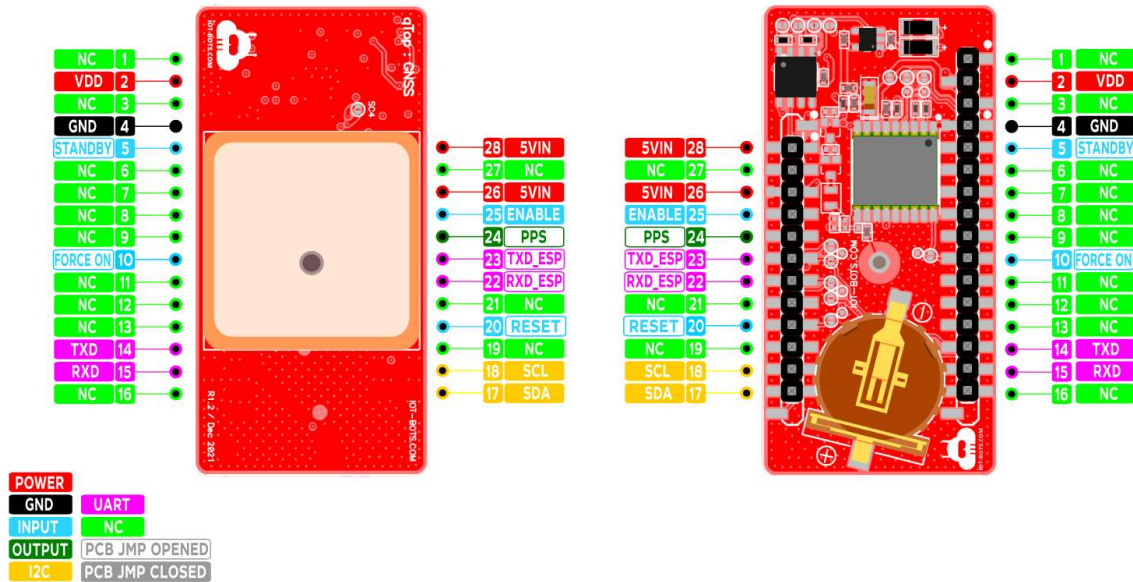
BLOCK DIAGRAM

qTop L76-I 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

[qTop GNSS Patch Antenna AFC Shield page](#)

ORDERING INFO

IBT-QTN-AFC-L76-I

CONTACT INFO

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