

4G LTE GSM Module Shield

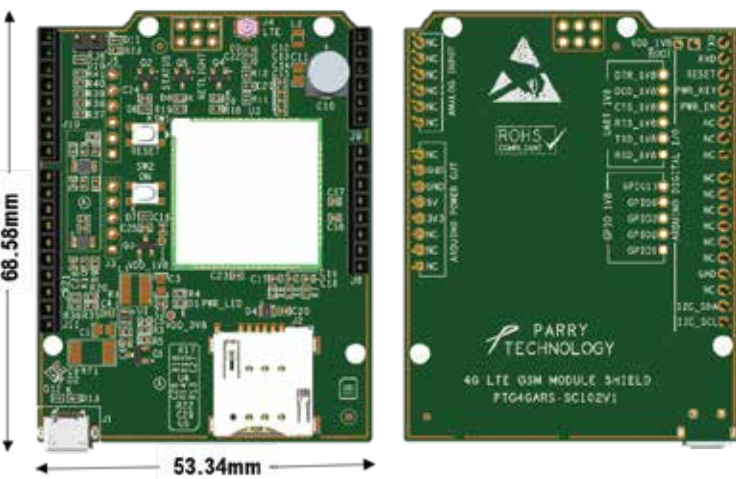


Based on A7670 LTE module supporting GSM, LTE-FDD, LTE-TDD communication at LTE-CAT1

speed. This product is directly pluggable with Arduino UNO board enabling applications like vehicle tracking, asset monitoring, Industrial Internet of things etc. Board has optional Secure element IC for secured connectivity. AT Command interface can be accessed through UART pins or through the USB connector used on the PCB.

Features

- Level translated I/O's available for controlling LTE module ON/OFF, Reset etc.
- Input over current protection, ESD protection for antenna and other external interface signal
- Two-layer impedance-controlled PCB



4G LTE GSM MODULE SHIELD

Worldwide 4G/3G/2G communication coverage. Supports GSM, LTE-TDD and LTE-FDD at CAT1 speed

UART communication between the LTE module in the shield and Arduino UNO board for AT board commands

LTE, GSM Antenna matching circuits to achieve proper antenna impedance matching.

Operating voltage of $5V \pm 5\%$ and can be powered by USB

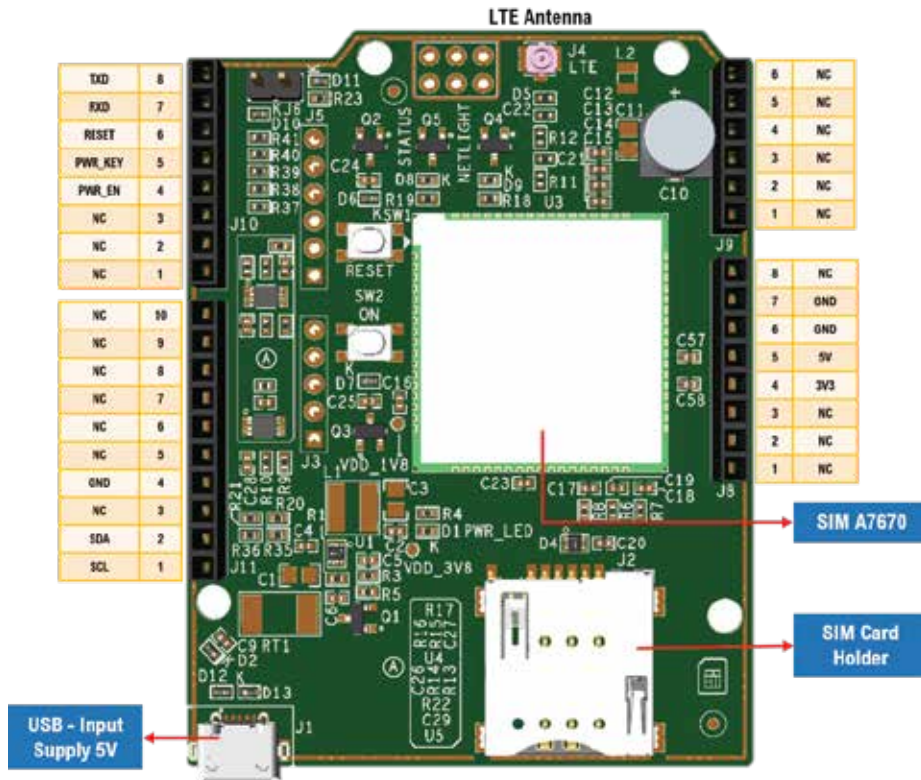
Operating temperature: -40°C to $+85^{\circ}\text{C}$

Benefits

- + Two-layer PCB for good RF performance
- + Optional secure element IC for secured connectivity
- + Impedance matching enables choice of external antenna for LTE

For details write to estore-enquiry@parrytech.net

Pinout Diagram



Product Ordering Guide

Ordering Part number :
PTG4GARS-SC102V1

Purchase Notes

External GSM antenna available for purchase
 For applications where any other external antenna is used, antenna impedance matching services with casing can be availed at additional charges.

About Parry Technology

Engineering/System integration services:

Our engineering services ranges from early engagement with customers to understand the system needs, convert the needs into requirements, finalize on the right technology implementation, circuit design, simulations, PCB development & testing, characterization, final qualifications, documentations at all stages and assistance on the product manufacturing and deployment.

Total Solutions:

Products, platforms, and cloud solutions for end-to-end IoT deployments.

Estore:

Ready to use subsystem modules/products for you to quickly test, develop Internet of Things (IoT) applications.

