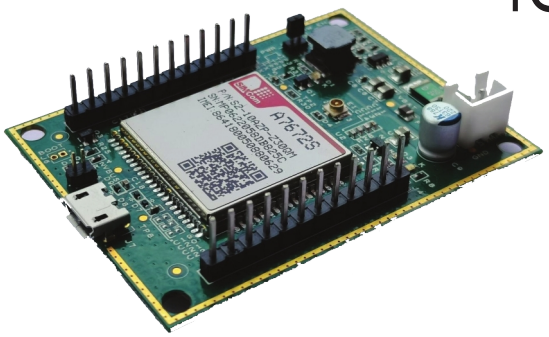
COMMUNICATION MODULE

"4G LTE GSM MODEM"



PARRY TECHNOLOGY

is based on A7672 4G LTE module supporting GSM, LTE- FDD, LTE-TDD communication at LTE-CAT1 speed. AT Command interface is possible either using the UART pins or using the USB interface. Onboard UART level translator can support any of Microcontroller I/O levels from 3.3V to 5.0V. Two digital I/Os and one ADC input are available for remote monitoring and control. By interfacing external I/Os from microcontroller, one can Power ON, RESET the module and also can Turn ON / Turn OFF the power for modem PCB.

Features

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

4G LTE GSM MODEM

UART communication or USB interface for AT commands

Level translated I/O's available for controlling LTE module ON/OFF, Reset etc.,.

Power input over current protection, ESD protection for antenna and Other external interface signals.

Operating voltage of 5V±5%;

Operating temperature: -40°C to +85°C.

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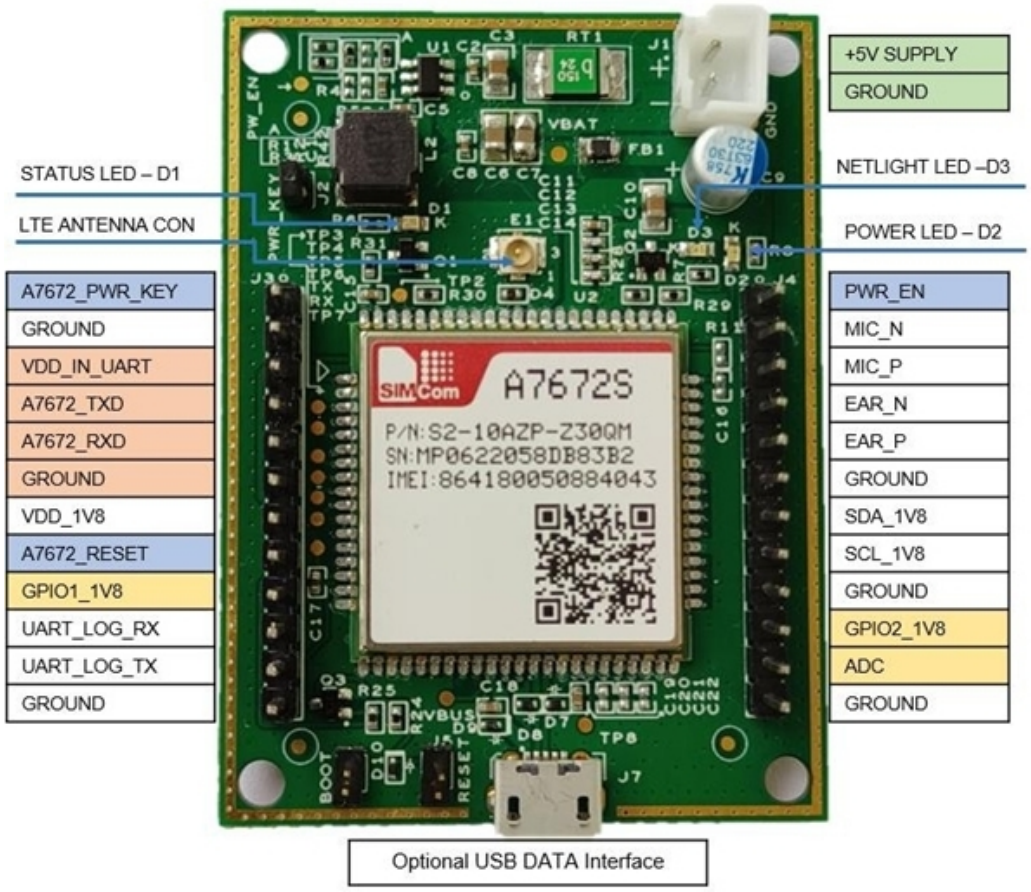
Pin Out Diagram



Purchase Note

External GSM antenna and antenna cable available for purchase as accessory.
For applications where any other external antenna is used, antenna impedance matching services with casing can be availed at additional charges.
For details write to enquiry@parrytech.net

Benefits

+ Level translated UART Rx, TX lines gives flexibility to interface with any microcontroller or Arduino PCBs operating from 3.3V to 5.0V
+ USB based AT command interface enables the 4G LTE Modem board also to easily interfaced with Processor boards having USB host such as Linux SOMs or Raspberry Pi etc.,
+ Two-layer impedance-controlled PCB for good performance.

Product Ordering Guide

Part number : PTG4GBOB-SC104V1

About Parry Technology

Product 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.

End-to-End Solution for IoT Deployments
IoT Modules,Platform
Cloud Solution

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

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