



“4G LTE Mini PCIe Card” (PTG4GPRD)

is an industry standard PCI Express Mini Card form factor (Mini PCIe) network interface card, featuring a 4G LTE module. The module offer a secure device-to-cloud architecture enabling IoT developers to build a Linux-based product on a single module – reducing overall system complexity and time-to-market.

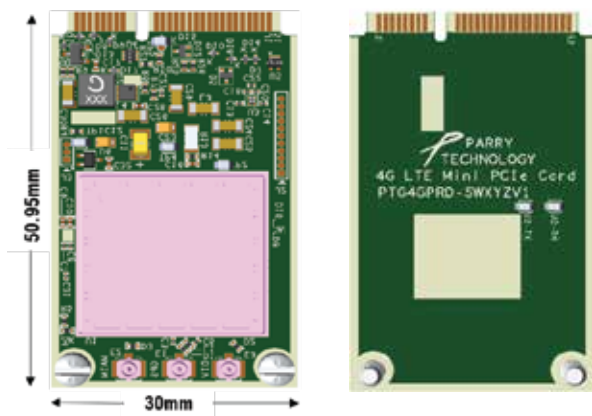
Embedded SIMs (eSIMs) pre-integrated inside “Ready-to- Connect” modules that can be activated over-the-air anytime, anywhere, to eliminate individual device provisioning (eliminating physical SIM card and holder), and speed options of CAT1 (10Mbps downlink and 5Mbps uplink) and CAT4 (150Mbps downlink and 50Mbps uplink) makes it an ideal option for secure, reliable IoT deployments.

Purchase Notes

For quick start on the development, Parry Technology 4G LTE mini PCIe Card is available.

For applications where internal antenna is used (Flexi antenna), antenna impedance matching services with casing can be availed at additional charges.

For details write to estore-enquiry@parrytech.net



4G LTE MINI PCIe CARD

Low-cost, lower-power LTE connectivity optimized for broadband IoT applications

Surpassing LTE RF specs on board level

Worldwide LTE, UMTS/HSPA+ and GSM/GPRS/EDGE coverage

Standard PCI Express® Mini Card form factor (Mini PCIe) ideal for manufacturers to easily integrate wireless connectivity into their devices

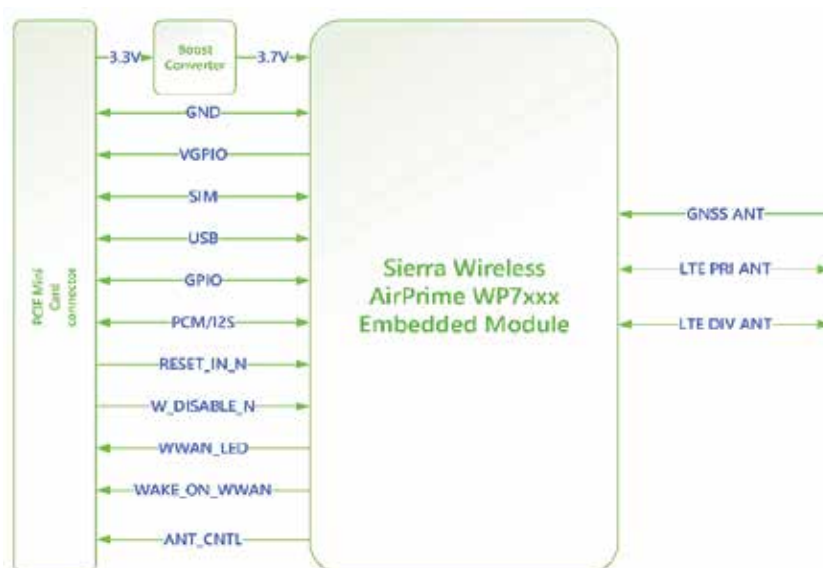
MIMO technology meets demands for data rate and link reliability in modem wireless communication systems

Multi-constellation GNSS receiver available for applications requiring fast and accurate fixes in any environment

Constant functionality over $3.3 \pm 10\%$ DC input

Operating temperature: -30°C to $+70^{\circ}\text{C}$

Block Diagram



Product Ordering Guide

Part number : **PTG4GPRD-SWXYZV1**

Variant	Value	Option	Description
X	0	WP7601	Group A, LTE, No Network voice
	1	WP7603	Group A, LTE, UMTS (DC-HSPA+, HSPA+, HSPA, WCDMA), Circuit switch voice
	2	WP7605	Group B, LTE, UMTS (DC-HSPA+, HSPA+, HSPA, WCDMA), No Network voice.
	3	WP7607	Group A, LTE, UMTS (DC-HSPA+, HSPA+, HSPA, WCDMA), GSM/GPRS/EDGE, Circuit switch voice + VoLTE.
	4	WP7608	
	5	WP7609	
	6	WP7610	Group B, LTE, UMTS (DC-HSPA+, HSPA+, HSPA, WCDMA), Circuit switch voice + VoLTE.
	7	WP7611	
Y	0	LTE category	CAT1 (WP7601-1, WP7603-1, WP7607-1, WP7608-1, WP7611-1).
	1		CAT4 (All WP76xx modules have CAT4 version)
Z	0	GPS antenna	No GPS Feature.
	1		Active GPS antenna.
	2		Passive GPS antenna.
Example Order Part Number: <i>PTG4GPRD-SW001V1</i>			

About Parry Technology

+ Engineering/System integration services

+ Total Solutions:

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

+ E-store:

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