Connect Tech Inc.
Embedded Computing Experts

Product Name: Mini PCIe GPS
Part Number:
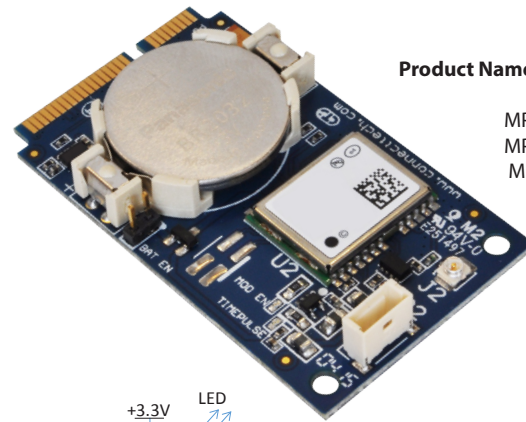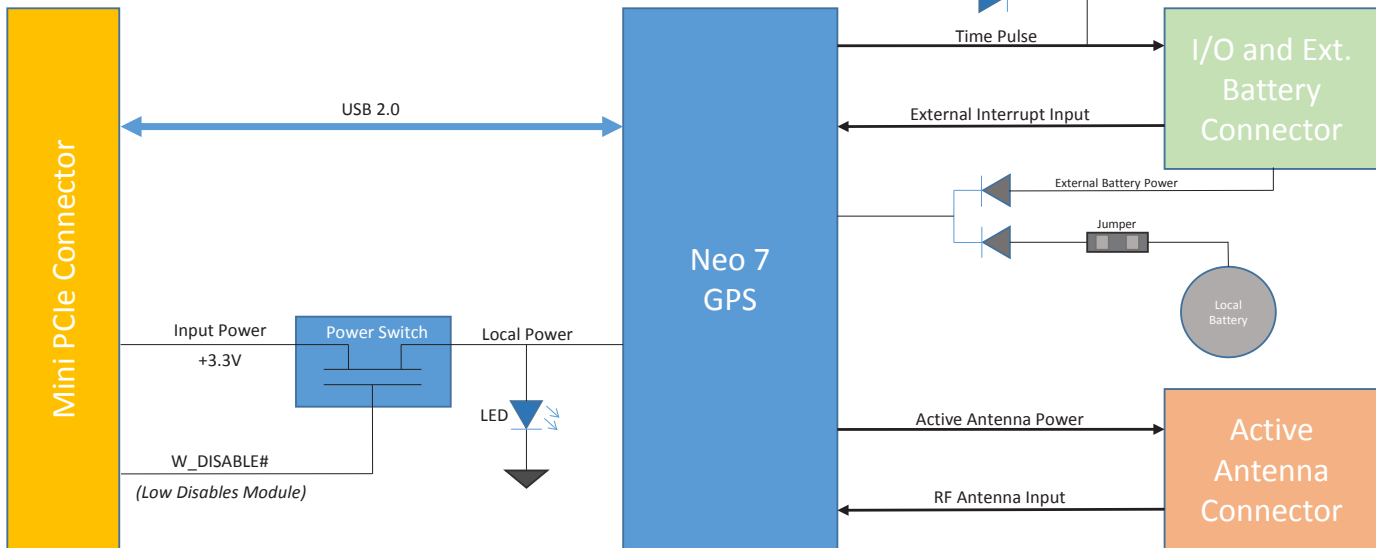MPG201, MPG202,
MPG203, MPG204,
MPG205, MPG206

Mini PCIe GPS

Connect Tech's Mini PCIe GPS is a ruggedized GPS module based on the very small industry standard Mini PCIe "Full" module format.

Using the USB bus, this Mini PCIe GPS provides global positioning and time-stamp information, while taking up little space and power within a system. Module supports both Windows and Linux environments.

Specifications

Specifications	
Dimensions	50.95 mm x 30 mm Mini PCIe "Full"
Antenna Connector	U.FL, support for active antennas only
GPS	GPS, GLONASS, QZSS, Galileo UBX, RTCM, and NMEA protocols
I/O	TIMEPULSE output synchronized with GPS time grid External Interrupt input External Battery input Forward/Reverse and Wheetick inputs for Automotive Dead Reckoning
Cables (Optional, not included)	CBG162: External I/O Cable CBG163: R.FL to SMA Female Cable
Antenna (Optional, not included)	GPS-06T, VTGPSA-9, Active GPS/GLONASS Antennas Only
Environmental	-40º C to +85º C
Warranty and Support	2 Years

Specifications subject to change without notice.
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RoHS

FEATURES

✓ *Small industry standard Mini PCIe "Full" module format, takes up little space and power within a system*

✓ *Can be easily integrated into any new or existing system using Windows or Linux*

Part Number	
MPG201	Mini PCIe GPS Receiver, populated with NEO-7N module (Battery not included)
MPG202	Mini PCIe GPS Receiver, populated with NEO-7N module (Battery included)
MPG203	Mini PCIe GPS Receiver, populated with NEO-M8N module (Battery not included)
MPG204	Mini PCIe GPS Receiver, populated with NEO-M8N module (Battery included)
MPG205*	Mini PCIe GPS Receiver, populated with NEO-M8L module (Battery not included)
MPG206*	Mini PCIe GPS Receiver, populated with NEO-M8L module (Battery included)

* With Dead Reckoning

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