

Expedite L10-G

# Expedite® L10-G

## Quad-Band GSM/GPRS

The low cost, low power, certified M2M-grade LGA module for data and voice.

### KEY FEATURES

- Low cost, compact LGA form factor
- Up to Class 12 GSM/GPRS
- Both data and voice support
- Low idle power consumption
- Extended operating temperature range
- Data features include text and binary SMS support
- Flexible audio implementation
- HDK available
- Extensive certificates accelerate time to market
- ISO Certified Manufacturer

### THE EXPEDITE® L10-G: LOW COST. LOW POWER. HIGH VALUE.

The Expedite L10-G module from Novatel Wireless is a cost efficient solution bringing global Quad-Band data and voice transmission technology in an impressive compact form factor. Featuring low power consumption and up to class 12 GSM/GPRS enabled data transmission with voice capability, the Expedite L10-G combines baseband, RF transceiver, power management unit, and power amplifier in a single, easy-to-integrate solution.

### EXPEDITE TIME TO MARKET

Reduce costs and expedite time to market with the fully qualified and certified Expedite L10-G. This module is suited for M2M-grade telemetry and telematics applications and environments such as: Automatic Meter Reading (AMR), Remote Monitoring

Automation and Control (RMAC), surveillance and security, usage based insurance solutions, utilities transportation, mHealth, asset tracking, fleet management, anti-theft systems and Point of Sales (PoS) terminals.

### EASY INTEGRATION

Novatel Wireless simplifies the integration effort with the Expedite L10-G's small footprint, best-in-class engineering services, flexible HDK support, and an extensive set of certificates. This versatile module excels in applications requiring low power consumption, extended temperatures, and audio support.

### SIMPLIFY DEPLOYMENT AROUND THE GLOBE

The Expedite® L10-G is part of the Novatel Wireless Expedite Series of low-power, cost-effective M2M modules available in different variants to support a number of global carrier and partner network requirements. With proven global carrier support and best-in-class customer service, the Expedite L10-G from Novatel Wireless is the intelligent wireless solution.

### TARGETED VERTICALS FOR TELEMETRY AND TELEMATICS

Security/Safety/Alarm	Utilities Transportation
mHealth	Point of Sale Terminals
AMR	RMAC

# Expedite® L10-G

## Quad-Band GSM/GPRS

### WWAN

#### Frequency

- GSM/GPRS: 850/900/1800/1900 MHz

#### Bands/Class

- GPRS: up to Class 12

### INTERFACES AND I/O

- USB
- UART
- Audio
- 12 GPIO

### RF CONNECTION

- Board-to-board compression

### VOLTAGE

- 3.3 - 4.35V

### POWER

- Idle: 1.55 mA
- Airplane/Sleep: 0.9 mA
- Shut down: ,200 uA

### DIMENSIONS

- 16.7 x 12.6 x 2.0 mm

### AUDIO

- Digital
- Analog
  - Headset
  - Speaker/Microphone

### ENVIRONMENT

- Operating Temp.: -30°C to 70°C
- Storage Temp.: -40°C to 85°C
- Relative Humidity: Up to 95% non-condensing

### CERTIFICATIONS

- CE, PTCRB, GCF, FCC, IC, ROHS, ROHS 2, REACH, Conflict Mineral

### SOFTWARE FEATURES

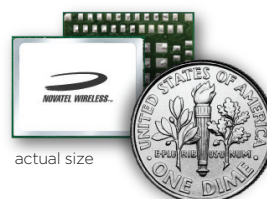
- GPIO AT Commands
- DUN
- CMUX
- SIM Toolkit
- SMS
- Real-time Clock

### DEVELOPER SUPPORT

- Integration Guide
- AT Command Documentation
- HDK
- Engineering Services

### PART NUMBER

- Module: GSM0508-40



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Specifications are subject to change, please see your Novatel Wireless contact for more details.

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