

ENABLER[®]
IIIG



GPRS Quad-Band OEM Module

Core to all things Novatel Wireless, the GPRS, 1xRTT and 3G HSDPA low power platforms deliver small size and industry-leading high performance driving the essential capabilities, mobile connectivity, and device intelligence needed for today's demanding design-in and OEM markets.

Diverse Options

The Enabler IIIG is form factor compatible across GPRS modules, allowing manufacturers tremendous flexibility and versatility in developing and deploying worldwide solutions.

Versital Design

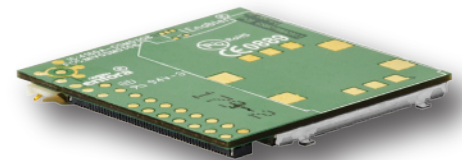
The modular architecture is shared across all platforms and powered by a programmable rules engine. The network router, control, and automation capabilities provide manufacturers with a flexible structural design for rapid product development and deployment.

Compatible Platforms

The platforms are fully compatible with the N4A™ Software Suite that is anchored by the Communications & Management Software (CMS) solution. The robust N4A Software allows device provisioning, monitoring, and remote configuration from anywhere in the world. Novatel Wireless's flexible, modular architecture delivers simpler, faster development and deployment of your application- keeping you connected to your business-critical data Anywhere, Anytime.

Device Benefits

- 100-pin connector form factor is compatible across technologies
- Optional SIM carrier provides smallest overall system size
- Integration with N4A Software for quick development and deployment
- Supports essential features:
 - o Voice
 - o SMS
 - o Packet Data
 - o TCP/IP and UDP/IP software stack with Packet Assembler Disassembler
 - o Network router and control/automation



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Housing

- Dimensions: (L x W x H) 28 x 27 x 2.5 mm
- Weight: < 4.2g w/ SIM Carrier / < 3.6g w/o SIM Carrier
- RF Connector: MCD Coaxial or Board-to-Board Compressor
- Main Connector: Molex 0.4 mm Slim Stack (1.5 mm Mating Height)

Radio

- Air Interface: GSM/GPRS
- Frequency Bands: 850/900/1800/1900 MHz
- Sensitivity: -106 dBm (Typical)
- Peak Downlink Speed: 85.6 kbps
- Peak Uplink Speed: 42.8 kbps

SIM Access

- Remote SIM: 1.8/3 V
- Optional Integrated SIM Carrier: Yes, Full Size

Interface

- Host Protocols: AT Commands, UDP API, CMUX, PPP
- Internal Protocols: PPP, UDP API, TCP API, UDP and TCP (PAD)
- API Control/Status: AT Commands, UDP API, TCP API, AT Commands Over SMS
- Physical Interface: UART, USB
- Peripheral Interface: 8 Programmable I/O (Expandable to 20), 1 Analog Input, 3 Audio (1 Digital Audio)

Certifications

- FCC: Parts 15, 22 & 24
- GCF: Version 3.27.0
- PTCRB: Version 5.6
- CE: Yes
- Industry Canada: RSS-210, 132, 133
- RoHS Compliant: Yes

Part Numbers

- Without SIM Carrier: GSM0308-10 (B2B RF), GSM0308-70 (Micro Coaxial)
- With SIM Carrier: GSM0308-11 (B2B RF), GSM0308-71 (Micro Coaxial)

Functionality

- Voice: FR, EFR, HR & AMR
- SMS: Text, PDU, MO/MT, Cell Broadcast

Environment

- Operating: -30°C to 85°C
- Compliant: -20°C to 60°C
- Storage: -40°C to 85°C
- Humidity: Up to 95% Non-Condensing

Power

- Operating Voltage: 3.3 - 4.4 V DC

For More Information:
e-mail: sales@enfora.com

NASDAQ: NVTL
www.novatelwireless.com