MAX9602-ENC

Iridium 9602 based SBD controller/ daughter board with GPS

Part #: 100-00230-01

Description

The MAX9602 ENC from Maxtena is a fully packaged solution consisting of the 9602N transceiver from Iridium® with an RS232 interface. SMA type RF connectors are provided for both Iridium SBD and for use of the GPS pass through port of the 9602N. The small form factor along with convenient screw mounting options allows easy integration of the 9602N transceiver into a wide range of end user applications, including remote area communications, asset tracking and industrial controls and monitoring. Power and communication signals are brought out to a single DB15 male connector allowing easy cable harness assembly. LED indicators provide visual feedback on the power and network status of the device. The MAX9602-ENC can be used in harsh automotive environments thanks to the in-built transient voltage protection. Designed as standalone product to add Iridium (and bring through GPS signals if desired) to your existing product lines, the MAX9602-ENC allows for easy addition of Iridium Satellite communications into third party products.

Electrical Specification

Parameter	Specification
Operating Voltage	4.5-32 VDC
Operating Current	5 mA standby / 0.7 A peak @ 12 V

Communication Specification

Parameter	Specification
Transceiver	Iridium 9602N
RS232 standard, 3.3V serial factory option available. Accepts Iridium AT commands only.	

Mechanical Specification

Parameter	Specification
Dimensions	3.9 x 2 x 1.2 “
Weight	150 g

Features

- Full RS232 interface to Iridium® 9602N transceiver
- Wide supply voltage range (4.5– 32 VDC)
- Transient voltage protection
- Screw mountable aluminum enclosure
- Small solution size (3.9L x 2W x 1.2H inch)
- LED indication of power and network status
- Iridium and GPS pass through SMA RF connectors
- User selectable ON/OFF controls (Internal or External)
- User selectable relay driven or TTL option in external control configuration
- Easy integration into OEM products with a convenient DB15 interface

Applications

- Fleet Management
- Remote Data Telemetry
- Personal and Asset Tracking
- Personal Communications (Email)
- Industrial Monitoring and Control

MAXTENA

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