

Ordering Information

Product: ARES

P/N: UGWSX931SM0033U

915MHz ; 300kbps

Product: ATHENA

P/N: UGWSX933SM0033U

915MHz; 600kbps

Features

- 868MHz and 915MHz
- 300 kb/s & 600 kb/s (FSK)
- 21 x 16 mm
- Serial Peripheral Interface
- 115 dB+ Dynamic Range RSSI
- Low current: Rx = 16 mA, 100nA register retention
- -40C to +85C

ARES & ATHENA

Low Power Integrated UHF Transceivers

Unigen's low power integrated UHF transceivers, Ares & Athena, are highly integrated RF transceiver modules in the 915MHz license-free ISM (Industry Scientific and Medical) frequency bands. All major RF communication parameters are programmable and most of them can be dynamically set. Ares and Athena offer the unique advantage of programmable narrow-band and wide-band communication modes. These modules are optimized for low power consumption while offering high RF output power and channelized operation.

Low power integrated UHF transceivers are ideal for many commercial and industrial applications such as, Automated Meter Reading, Wireless Sensor Networks, Home and Building Automation, Wireless Alarm and Security Systems, Industrial Monitoring and Control. The programmable radio and frequency can support Europe (EN 300-220-1), North America (FCC Part 15.247, 15.249, 15.231), Narrow Korean and Japanese bands

Applications

- Automated Meter Reading
- Wireless Sensor Networks
- Home and Building Automation
- Alarm and Security Systems
- Industrial Monitoring and Control

