

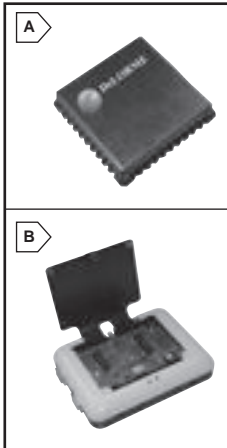
GPS Modules, WiFi Modules, and Bluetooth Access Devices

DELORME GPS2058-10 MODULE

DeLorme GPS modules contain a complete GPS positioning system in one surface mount package. This makes it very easy to adopt GPS navigation or positioning into your system design with a minimum of effort and cost. The module has an RF input to connect the antenna, and inside the module is a LNA (low Noise Amplifier) and SAW (Surface Acoustic Wave) filter to boost the received signal and isolate the target signal frequency. DeLorme has also embedded the power regulation to improve the sensitivity and performance of the GPS receiver.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | DeLorme Part No. | Fig. | No. of Channels | Position Accuracy | Acquisition Sensitivity | Tracking Sensitivity | Time (PPS) | Max. Velocity | Acceleration | Price Each | | | |
|-------------------|------------------|------|-----------------|-------------------|-------------------------|----------------------|------------|---------------|--------------|------------|-------|-------|-------|
| | | | | | | | | | | 1 | 10 | 25 | 50 |
| 713-GM-205810-000 | GM-205810-000 | A | 16 | 2.0 meters | -146 dBm | -159 dBm | ±62ns | 515 m/s | 4g Max | 41.65 | 40.06 | 32.04 | 30.96 |



DELORME GPS EVALUATION KIT FOR GPS2058-10 MODULE

Kit Includes:

- Circuit board with a GPS2058-10 module in a custom plastic case
- 120V/240V DC Power Adapters
- USB Cable
- Active Antenna
- Documentation
- Street Atlas USA 20088

Features:

- Standard USB and RS-232 Data Interfaces
- LED indicator for power and GPS status
- Power from USB, 12V auto adapter, 2 AA batteries, or 120V/220V converter
- Socketed GPS Module for upgrades or development
- Plug and Play with most mapping products

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | DeLorme Part No. | Fig. | Description | Price Each |
|-------------------|------------------|------|--|------------|
| 713-GM-2058EV-101 | GM-2058EV-101 | B | GPS Evaluation Kit for GPS2058-10 Module | 492.05 |



Sagrad WIFI MODULES

Evaluation Kits

For quantities greater than listed, call for quote.

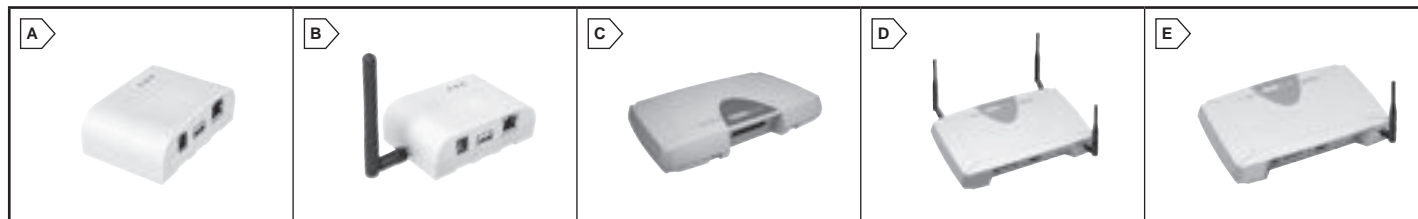
| MOUSER STOCK NO. | Sagrad Part No. | Fig. | Description | Price Each | |
|------------------|-----------------|------|---|------------|--------|
| | | | | 1 | 10 |
| 622-SG923-0002 | SG923-0002 | A | EVK PC-16 Performance Evaluation Kit for WiFi Modules | 520.00 | 499.00 |
| 622-SG923-0003 | SG923-0003 | B | EVK SPI + SDIO Software Integration Kit | 260.00 | 249.00 |

802.11 Kraken Wi-Fi Module

The Kraken module is a fully functional wireless radio including a single-chip 802.11b/g transceiver, an ARM9 processor, flash and SDRAM memories, and a 10/100 Ethernet combo. The system is shipped running Linux with Wi-Fi ready for customer use. Application software and OS changes are supported through the Linux system source code provided by Sagrad. The on board 802.11 radio conforms to the IEEE 802.11b and 802.11g protocols operating in the 2.45GHz ISM frequency band supporting OFDM data rates of 54, 48, 36, 24, 18, 12, 9, and 6Mbps. It also supports CCK data rates of 11 and 5.5Mbps and legacy data rates of 2 and 1Mbps.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Sagrad Part No. | Fig. | Description | Price Each |
|------------------|-----------------|------|------------------------------------|------------|
| 622-SG901-1047 | SG901-1047 | C | Kraken 802.11b/g WLAN Radio Module | 140.00 |



bluegiga BLUETOOTH ACCESS DEVICES



RoHS Compliant

Bluetooth Access Point 3201

Bluegiga Access point 3201 (AP3201) is a size optimized access device targeted at business applications. The Access Point provides up to 200 meter range between two AP3201s and with Class 2 Bluetooth device 200 meter range. The product is designed to fit into wireless Bluetooth applications where the network performance, reliability, scalability and easy management are important design drivers.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Bluegiga Part No. | Fig. | Bluetooth Specification | Bluetooth Class | Range | Number of Connections | Antenna | Price Each | | | |
|------------------|-------------------|------|-------------------------|-----------------|-------|-----------------------|----------|------------|--------|--------|--------|
| | | | | | | | | 1 | 25 | 50 | 100 |
| 603-3201 | 3201 | A | 2.0/2.1 + EDR | 1 | 200m | 7 | Internal | 320.00 | 315.03 | 310.00 | 305.06 |
| 603-3201-EXT | 3201-EXT | B | 2.0/2.1 + EDR | 1 | 200m | 7 | External | 349.00 | 346.58 | 332.89 | 320.25 |

Bluetooth Access Servers

Bluegiga Access Servers support multiple communication standards including ethernet, Wi-Fi, and GSM/GPRS enabling full media-independent TCP/IP connectivity. Bluegiga Access Servers are easy to deploy and manage in existing wired and wireless networks without compromising reliability, speed or security. The device can be conveniently managed and remotely upgraded over encrypted links using Bluegiga Solution Manager software.

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Bluegiga Part No. | Fig. | Bluetooth Specification | Bluetooth Class | Range | Number of Connections | Antenna | Price Each | | | |
|------------------|-------------------|------|-------------------------|-----------------|-------|-----------------------|--------------|------------|--------|--------|--------|
| | | | | | | | | 1 | 25 | 50 | 100 |
| 603-2293 | 2293 | C | 2.0/2.1 + EDR | 1 | 200m | 21 | Internal | 599.00 | 593.15 | 569.74 | 548.10 |
| 603-2293-EXT | 2293-EXT | D | 2.0/2.1 + EDR | 1 | 200m | 21 | External SMA | 648.50 | 623.29 | 598.68 | 575.95 |
| 603-2291 | 2291 | C | 2.0/2.1 + EDR | 1 | 200m | 7 | Internal | 420.00 | 408.22 | 392.11 | 377.22 |
| 603-2291-EXT | 2291-EXT | E | 2.0/2.1 + EDR | 1 | 200m | 7 | External SMA | 439.00 | 428.77 | 411.84 | 396.20 |

Access Points



For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Bluegiga Part No. | Fig. | Bluetooth Specification | Bluetooth Class | Range | Number of Connections | Antenna | IEEE | Price Each | | | |
|----------------------|-------------------|------|-------------------------|-----------------|-------|-----------------------|----------|---------|------------|--------|--------|--------|
| | | | | | | | | | 1 | 25 | 50 | 100 |
| 603-3201-EHEALTH-3.0 | 3201-eHealth-3.0 | A | 2.0/2.1 + EDR | 1 | 200m | 7 | Internal | Manager | 240.00 | 236.85 | 233.80 | 230.77 |
| 603-3241-EHEALTH-3.0 | 3241-eHealth-3.0 | A | 2.1 + EDR | 1 | 100m | 7 | internal | Manager | 265.00 | 261.45 | 258.06 | 254.78 |