Performance SiRFstarIV Integrated Solution

The GPS Antenna Module Sub-System

The A2035-H is Maestro Wireless Solutions answer to the most critical challenges in the GPS market: simplified integration, leading performance, and efficient time to market. The combination of the enhanced fully functional SiRFStar IV GPS engine and a custom-designed high directional patch antenna on board help to ease engineers integration effort of leading GPS technology into devices. The A2035-H fully addresses the demand for extreme low power operation and ultra-fast Time-To-First-Fix. Its high level of sensitivity allows for use in the most demanding environmental conditions.

**Features**
- SMT based integrated GPS antenna module
- 16.5 x 30.5 mm²
- 29 mA average tracking (full power mode)
- -163 dBm tracking
- up to 8 strongest interferes signals detected and mitigated

**Benefits**
- Lowest assembly cost
- Small footprint
- Ultra Low power consumption
- Bench marking sensitivity
- In-band jamming signal removal
Positioning Receiver Portfolio

With the mission to support our customers in implementing GPS functionality into their systems, Maestro Wireless Solutions is offering a distinct product portfolio to address a wide area of applications. These range from traditional telematics solutions to latest highly integrated consumer devices, all of them having their special requirements towards a GPS module. Based on SiRFstarIII and now also SiRFstarIV chip sets, Maestro Wireless Solutions GPS module solutions address different specific needs and combine high performance, low power consumption, and simplified integration effort. Our modules comply with the RoHS standard and are 100% electrically and functionally tested prior to packaging, thereby assuring the guarantee of the highest quality products.