



The Maestro family of GPS modules features leading edge SirfStar IV technology, including SirfAware, SirfNav, Assisted GPS (A-GPS) and Jammer Detection and Removal.

Ultra high sensitivity:

- 148dBm (cold start)
- 163dBm (tracking)
- 160dBm (Navigation)

Advanced Low Power Modes:

- 47mW fully tracking
- 8mW Trickle power mode
- 30uW Hibernate mode
- 125uA average power consumption with SiRF Aware (FW 4.1.0 ver)

Fast Time To First Fix

- Hot Start <1S
- Warm Start <30S
- Cold Start <35S



Host port configurable to UART, SPI or I2C

Navigation Update Rate 1-5Hz

CW Jammer remover, track and remove up to 8 CW

SiRFstarIV, GSD4e GPS chipset

Integrated LNA

Industrial temp range -40C to +85C

Part Number	Size (MM)Vc (DC)	VDC	Memory	Antenna	Status
A2100-A	15.2x15.2	3.0-3.6	Flash	Active/Passive	Available
A2100-B	15.2x15.2	1.7-1.9	Flash	Active/Passive	Available
A2200	10.4x15	3.0-3.6	ROM	Active/Passive	Samples now
A2035-H	30x16.5	3.0-3.6	Flash	Integrated SMART patch antenna	Available

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