









High Performance GPS Modules from Maestro Wireless

Item/Link	Title & Description	Page 1	Sirf Star IV based GPS Modules
	<p>Summary Sheet SirfStar IV GPS Modules</p> <ul style="list-style-type: none"> Overview of the SiRFstar IV GPS Modules <ul style="list-style-type: none"> A2100-A GPS Module, 3.3V, Flash version A2100-B GPS Module, 1.8V, Flash version A2035-H Smart GPS Antenna Module 3.3V A2200-A GPS Module, 3.3V ROM version 		
	<p>Product Brief A2100-A/B</p> <ul style="list-style-type: none"> A2100-A: SirfStar IV chipset; UART interface @ 3.3V; prepared for SPI slave support @ 3.3V, (Flash memory) A2100-B: UART interface @ 1.8V; prepared for SPI slave support @ 1.8V; prepared for I2C master support @ 1.8V; (flash memory) Integrated LNA, 163dBm tracking sensitivity; 29mW tracking Low power modes: Trickle, Hibernation, SirfAware™; -40 to +85C 48 track verification channels; Navigation update 1-5Hz SBAS (WAAS, EGNOS, MSAS, GAGAN) CW Jammer remover up to 8 CW Direct Passive antenna; Switched antenna voltage for Active antenna Size: 15.2x15.2x2.4 mm 		
	<p>Product Brief A2035-H</p> <ul style="list-style-type: none"> A2035-H is the SirfStar IV smart antenna GPS module Integrates the A2100-A and a small patch antenna 3.3V, A1035-H backward compatible except there is no antenna switch for external operation Size: 16.5x30x5 mm 		
	<p>Product Brief A2200-A</p> <ul style="list-style-type: none"> A2200-A: SirfStar IV chipset; UART interface @ 3.3V; prepared for SPI slave support @ 3.3V, (ROM memory) based on A2100-A Operates @ 3.3V/41mA @ 1 fix per minute UART level @ 3.3V Direct Passive antenna; Switched antenna voltage for Active antenna Size: 14x10.2x2.5 mm 		
<p>EVA2035-H</p> <p>EVA2100-A</p> <p>EVA2200-A (not released)</p>	<p>Development Kit Manuals for SirfStar IV GPS Modules</p> <ul style="list-style-type: none"> Dev kit comes with GPS and accessories. Order the dev kit for the specific module: <ul style="list-style-type: none"> EVA2100-A EVA2200-A EVA2035-H 		
Item/Link	Title & Description	Page 2	Sirf Star III based GPS Modules

	<p><u>Summary Sheet for SirfStar III GPS Modules</u></p> <ul style="list-style-type: none"> • Overview of SirfStar III GPS Modules <ul style="list-style-type: none"> ○ A1080-A GPS Module, 3.3V, Flash version ○ A1084-B GPS Module, 3.3V, Flash version ○ A1035-H Smart GPS Antenna Module, 3.3V
	<p><u>Product Brief A1084-B</u></p> <ul style="list-style-type: none"> • A1084-B: SiRFstar III chipset; UART interface @3.3; prepared for SPI slave support @ 3.3V, (Flash memory) • 159dBm tracking sensitivity; 26mW tracking • 20 track verification channels; Navigation update 1Hz • SBAS; -40 to +85C • Supports Passive and Active antennas on a single pin • Size:15.2x15.2x2.4
	<p><u>Product Brief A1035-H</u></p> <ul style="list-style-type: none"> • A1035-H is the SiRFstar III smart antenna GPS module, 3.3V • <u>Integrates the A1084-A and a small patch antenna</u> • 159dBm tracking sensitivity; 24mA tracking • SBAS, -40 to +85C • Antenna switch onboard for internal/external antenna option • Size: 16.5x30x5 mm
	<p><u>Product Brief A1080-A</u></p> <ul style="list-style-type: none"> • A1080-A:SiRFstar III chipset; UART interface @ 3.3V; prepared for SPI slave support @ 3.3V, (Flash memory) • 159dBm tracking sensitivity; 36mA tracking • Low power modes: Trickle, Hibernation, SirfAware™ • 20 track verification channels; Navigation update 1Hz • SBAS ; -30 to +85C • Supports Passive and Active antennas on a single pin • Size:16.2x19.0x2.4 mm Legacy production supported; not recommended for new designs.
<p><u>EVA1035-H</u></p> <p><u>EVA1084-B</u></p> <p><u>EVA1080-A</u></p>	<p><u>Development Kit Part Manuals for SirfStar III GPS Modules</u></p> <ul style="list-style-type: none"> • Dev kit comes with GPS and accessories • Order dev kit for the specific module: <ul style="list-style-type: none"> ○ EVA1035-H ○ EVA1084-B ○ EVA1080-A