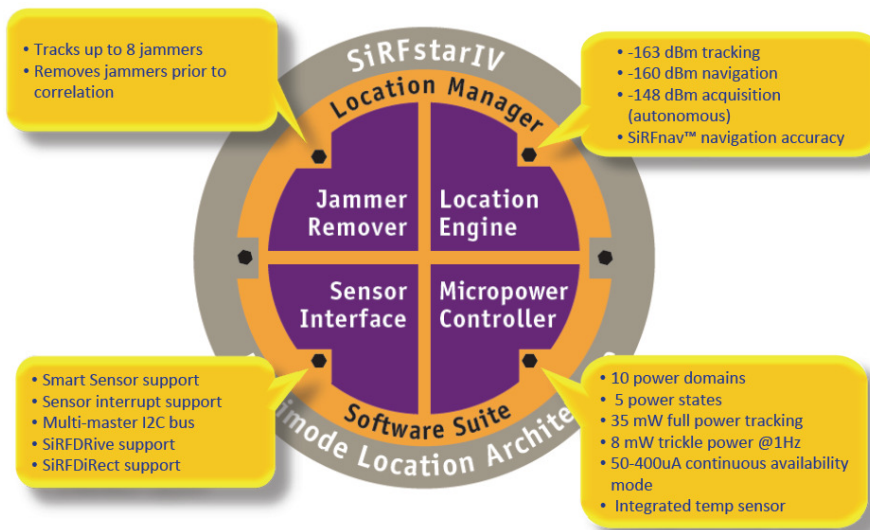


Maestro Wireless

Maestro is an established European GPS Modules and Wireless Communications manufacturer based in Hong Kong.

As a Partner for SiRF, Maestro has taken the lead in developing GPS products for the Telematics and power sensitive consumer applications.

Utilising their experience from the days at Vincotech, Maestro have developed extended Ephemeris features ensuring continued Hot start and Power saving benefits.



Sirf IV Performance	
Channels	48
Correlators	~400,000
Frequency	LI - 1,575 MHz
Sensitivity	
Tracking	-163dBm
Navigation	-160dBm
Acquisition (cold start)	-148dBm
Position Accuracy	<2.5m CEP autonomous
(horizontal)	<2.0m CEP SBAS
Time to First Fix	
Hot Start	<1sec
Warm Start	<32 sec
Cold Start	<35 sec

The NEW Portfolio

GPS Receivers	Supply voltage / V	Current draw @ 1fix per sec / mA	Operating temperature / °C	Low Power Mode Trickle Power	Low Power Mode Push-To-Fix	Low Power Mode Keep Ephemeris Alive	AGPS Ephemeris Push	Active antenna	Passive antenna	2nd antenna input Antenna switch	Firmware update (Flash)	ROM	SBAS support	Back-up battery option	Shielding lid	Sensor Interface	Size / mm ²
A1080-A	3.3	23	-30/85	■	■		■	■			■		■	■			19x18
A1080-B	3.3	23	-40/85	■	■		■	■			■		■	■			19x18
A1084-A	3.3	26	-30/85	■	■		■	■	■	■	■		■	■	■		15x15
A1084-B	3.3	26	-30/85	■	■		■	■	■	■	■		■	■	■		15x15
A2100-A	3.3	32	-40/85	■	■	■	■	■	■	■	■		■		■	■	15x15
A2100-B	1.8	64	-40/85	■	■	■	■	■	■	■	■		■		■	■	15x15

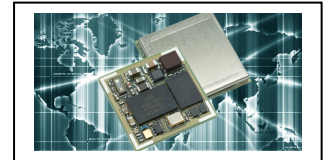
GPS Receiver w/ Smart Antenna

A1035-H

Antenna Type	Circular polarisation	Linear polarisation	SMD solderable	External antenna pin	Shielding lid	Size / mm ²	Based on GPS receiver
patch	■		■	■	■	30x17	A1080-A

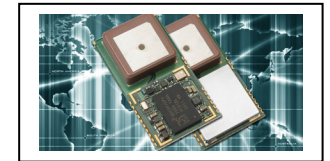
A2100 SiRF IV Module

Super sensitive, 15mm size with low power benefits
1.8v version (A2100B) also available along with Patch Antenna option during 2011 Also coming will be a Dead reckoning option



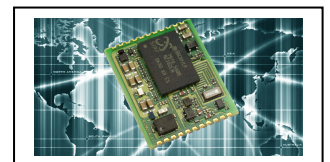
A1035H

A SiRF III Based module tuned with smart antenna to produce a low power draw unit. There is also an external Antenna option making this a versatile product



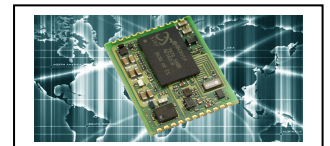
A1084

A SiRF III Based shielded module supports both passive and active antennas on a single pin. This miniature package offers excellent performance



A1080

This SiRF III Based module has been designed for very low power consumption and accurate positioning <2m



Supported with Evaluation and Development Kits

Broadband Technology 2000 Ltd Product Areas

EMBEDDED ICs <ul style="list-style-type: none"> VoIP & Video DSPs Ethernet NPU & NPA Mixed Signal ICs SENSOR ICs <ul style="list-style-type: none"> Accelerometers Gyroscopes Magnetic Sensors Pressure Sensors 	WIRELESS <ul style="list-style-type: none"> Telematic Platforms GSM GPRS & 3G Modems 3G Routers 3G Dongles Gateways Tracking Units WiMAX Modems & Controllers 	RF & MICROWAVE <ul style="list-style-type: none"> Attenuators Power AMPS Antennas GPS Modules 	POWER MANAGEMENT <ul style="list-style-type: none"> Battery Charge ICs Hot Swap Controllers Power Supply Sequencers Super capacitors
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