

GPS CF Card

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- CFA compliant
- Ultra low power consumption in the world:
 - 35 mA continuous mode
- High sensitivity: -143 dBm
- High position accuracy:
 - < 5 meter CEP (50%)
- Support for standard NMEA 0183,V3.0
- Adjustable well-tuned build-in antenna
- OEM/ODM product development
 is fully supported



Specifications for antenna modules

Interface:	Compact Flash type I
Protocol:	NMEA0183 GGA, GSA, GSV, RMC
Baud Rate:	4800,N,8,1
Max. Update Rate:	1 Hz
Datum:	WGS84
Channel:	8 channel all-in-view tracking
Frequency :	L1, 1575.42MHz
Hot Start:	8-12 sec. Average
Warm Start:	<42 sec. Average
Cold Start:	120 sec. Average
Reacquisition Time:	100 ms
Position Accuracy :	< 3m CEP (50%) W/O SA
Voltage:	DC 3.3V+ -10°C
Power consumption:	35 mA continuous mode
Antenna Type:	Built in active antenna
External Antenna Interface:	MMCX
Dimension:	90(L) x 50(W) x 23(H) mm
LED Indicator:	GPS is fix or not fix. Power ON
Operating Temperature:	-10°C to + 70°C
Storage Temperature:	-40°C to + 85°C
Operation Humidity :	95%, Non-Condensing