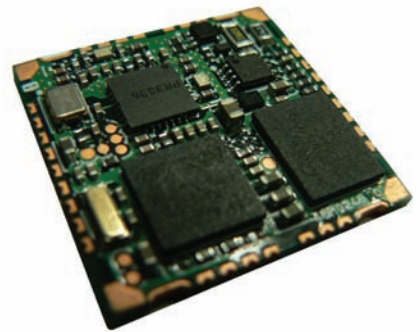
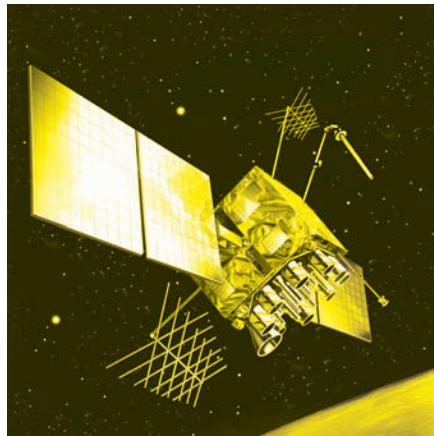


The Furuno GT-84 is a miniature high-sensitivity, low power GPS/AGPS receiver that combines a hardware measurement platform (MP) with powerful navigation software. It delivers fast, accurate positioning data in challenging locations such as indoor environments and deep urban canyons.

The GT-84 employs novel decoding algorithms, effectively achieving 44,000 correlators.

This very small and powerful module will allow you to have excellent Furuno quality performance.

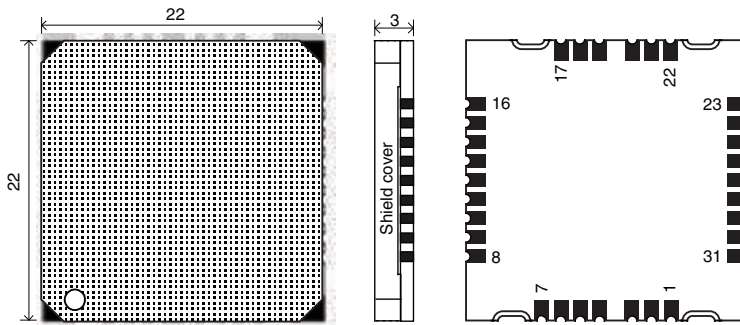
GT-84 Series GPS Receiver



SPECIFICATIONS OF FURUNO GT-84 SERIES GPS RECEIVER:

GENERAL	
Number of Channels	32 while acquiring, 12 while tracking
Receiving Frequency	1575.42MHz@1MHz
Data Update Rate	Every second
Communication Protocol	NMEA or Furuno Binary
Sensitivity	-145dBm cold start, -160dBm tracking
1PPS Output	Synchronized with UTC
Interface	3.3V C-Mos
Baud Rate	9600 bps
Supply Voltage	3.3VDC@0.3VDC(1V@0.1V can be supplied externally)
Operation Temperature	-30 $\text{\textcircled{D}}$ to 85 $\text{\textcircled{D}}$
ACQUISITION TRACKING	
Initial acquisition Time (hot start)	2 seconds
Initial acquisition Time (warm start)	33 seconds
Initial acquisition Time (cold start)	38 seconds

All specification subject to change without notice



Features:

- Designed specifically for the handheld device market
- Fast search engine offers incredibly rapid TTFF without increase in power requirement or circuitry size
- Small size - 22mm X 22mm
- Intermittent Operation Mode enables a much lower power consumption:
- <2 mA in Low Power Intermittent Mode
- 17 mA in Full Satellite Tracking Mode
- 22 mA in Satellite Searching Mode

(All values given at @ 3.3VDC Main Power)

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