



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Export Restrictions

This product has some level of export control/restriction, so may be delayed by 2-3 business days when shipping outside the United States. [Contact us](#) with questions, or we will contact you after you place your order.

SparkFun Venus GPS Logger - SMA Connector

GPS-10920 ROHS ✓ ⚡



© images are CC BY-NC-SA 3.0

Description: The smallest, most powerful, and most versatile GPS receiver we carry just got more powerful. The Venus638FLPx is the successor to the Venus634LPx and has improved sensitivity and a faster update rate. The new module can be configured to an amazingly powerful 20Hz update rate. With 29mA operating current and high sensitivity, this receiver seriously opens new doors for tracking. Module outputs the standard NMEA-0183 or SkyTraq Binary sentences at a default rate of 9600bps (adjustable to 115200bps).

The Venus638FLPx has improved sensitivity, an integrated LNA (with multipath detection and suppression), built-in RTC, and integrated single power supply making it very simple to use.

Not sure which GPS module is right for you? Check out our [GPS Buying Guide!](#)

Features:

- 20Hz Update rate
- -148dBm cold start sensitivity
- -165dBm tracking sensitivity
- 29 second cold start TTFF

- 3.5 second TTFF with AGPS
- 1 second hot start
- 2.5m accuracy
- Multipath detection and suppression
- Jamming detection and mitigation
- SBAS (WAAS / EGNOS) support
- 67mW full power navigation
- Works directly with active or passive antenna
- Supports external SPI flash memory data logging
- IC 32M Serial Flash Memory
- Complete receiver in 10mm x 10mm x 1.3mm size
- Contains LNA, SAW Filter, TCXO, RTC Xtal, LDO
- Can be powered by a 3.7V LiPo battery (or any 3.5 - 12V supply) through the JST connector or 3.3V regulated supply.

Dimensions: 1.25 x 0.75 inches