



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!



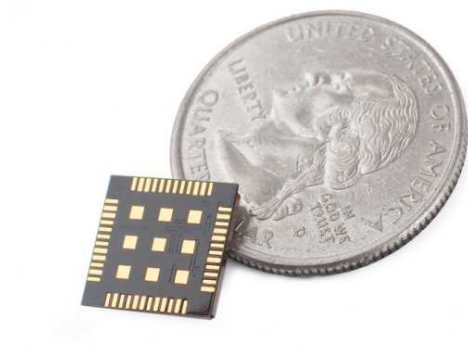
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## LinkIt MT3332 Module -Scale for GNSS module

SKU: 317050008

(images/product/317050008 1\_02.jpg)

### Description

LinkIt MT3332 Module is a low-cost and low-power consumption GNSS module. The module can simultaneously acquire and track multiple satellite constellations that include GPS, GLONASS, GALILEO, QZSS and SBAS. Based on our experienced design, this module fully exhibits the excellent performance of MT3332 chip. It works in GNSS signal difficult environment, providing fast acquisitions and excellent tracking performance.

#### Features:

- Small footprint: 11mm x 11mm x 1.7mm
  - Support GPS, GLONASS.
  - Superior sensitivities:  
Acquisition: -148 dBm(cold)/-163dBm(hot)(Follow MTK chip specification)  
Tracking: -165dBm(Follow MTK chip specification)
  - NMEA 0183 standard V3.01 and backward compliance, Supports 219 different data
  - Ultra-low power consumption(GPS+GLONASS)  
Acquisition: 36mW(Follow MTK chip specification)  
Tracking: 26mW(Follow MTK chip specification)
  - Internal real-time clock(RTC): Support external pin to wake up
  - Supports FCC E911 compliance and A-GPS
  - 26MHz TCXO included.
  - RoHS & Halogen free compliant/Lead free
- Simple connection and work

#### Specification:

Model Name: CW03S-3332  
 GNSS Chipset: MediaTek MT3332  
 Host Interface: UART  
 Dimension: 11mm x 11mm x 1.7mm  
 Package: LGA

#### Operation Conditions:

- Operating Voltage: 3.6V/2.8V
- Temperature: -20~70°C (Operating) , -40~85°C (Storage)
- Humidity: 10~95% (Operating) , 5~95% (Storage)

### Electrical Specifications

- Frequency: GPS, GALILEO, QZSS: L1 1575.42MHz, C/A code  
GLONASS: L1 1598.0625MHz ~ 1605.375MHz, C/A code
- Channels: Tracking: 33/acquisition: 99
- Update rate: 1Hz default, up to 10Hz
- Protocol Support: NMEA 0183 V3.01  
8 data bits, no parity, 1 stop bits(default)  
1Hz: GGA, GLL, GSA, GSV, RMC, VTG
- Datum: WGS-84(default)

## Overview

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Designer: Others

Other Products From This Designer (<http://www.seeedstudio.com/depot/Others-m-24.html?ref=pinfo>)

Weight: 2 g