



LinkIt MT3332 Module -Scale for GNSS module

SKU: 317050008

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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

Designer: Others

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

Weight: 2 g