

Navilock NL-852ETTL PPS u-blox 8 GNSS Engine Modul

Description

GNSS modules are fully assembled receiver with patch antenna, backup battery etc .. This version uses TTL 3.30 V.



Item no. 62571

EAN: 4043619625710

Country of origin: Taiwan,
Republic of China

Package: Poly bag

Technical details

- Connector: WTB serial TTL, 6 pin, pitch 1.0 mm
- Chipset: u-blox 8 UBX-M8030-KT
- Frequency:
 - GPS: L1, 1575.4200 MHz
 - GLONASS: L1, 1602 (k x 0,5625) MHz
 - BEIDOU COMPASS: B1, 1561.0980 MHz
 - GALILEO E1, 1575.4200 MHz
 - QZSS L1, 1575.4200 MHz
- Accepts the signals of up to 72 satellites at the same time
- Supports AssistNow online/offline, SBAS (WAAS, EGNOS, QZSS and MSAS)
- Supports NMEA 0183 protocols: GGA, GSA, GSV, RMC, VTG
- Auto Baud Rate up to 115200 bps
- Update rate:
 - single GNSS: 18 Hz (e.g. GPS solo)
 - multi GNSS: 10 Hz (e.g. GPS + GLONASS)
- Sensitivity: max -167 dBm
- LED-indicator for GPS-status
- Operating temperature:
 - 40 °C ~ 85 °C without battery
 - 20 °C ~ 60 °C with battery
- Power supply: 5 Volt

- Current consumption: max. 45 mA
 - Cold start in ca. 26 seconds
 - Hot start in ca. 1 second
 - Positioning accuracy:
 - 2.5 m CEP (Circular Error Probable) and
 - 2.0 m CEP with SBAS
 - Dimension (LxWxH): ca. 30.0 x 30.0 x 7.90 mm
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System requirements

- Device with free TTL input.
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Package content

- GNSS module