Navilock NL-501ETTL Sirf3 TTL Module

Popis

This GPS module is a complete GNSS receiver without case and cable.
Please note that the SiRFstarIII chipset used here has reached the end of its production cycle. This engine board is delisted in the next few weeks.



Číslo produktu 60410

EAN: 4043619604104

Země původu: Taiwan

Balení: Poly bag

Speciální vlastnosti

Please note that the SiRFstarIII chipset used here has reached the end of its production cycle. This engine board is delisted in the next few weeks.

Specifikace

- SiRF Star III high performance GPS chipset
- High sensitiv (tracking sesitivity: -159 dBm)
- TTL version
- Short TTFF (time to first fix) also with low signal
- Support NMEA 0183
- Internal flash for fast reaquisition
- Internal patch antenna
- LED for GPS status

Spezification

- Chipset: SiRF Star III
- Frequency: L1, 1575.42 MHz
- C/A code: 1.023 MHz
- Channel: 20 max.
- Sensitivity: -159 dBm
- Accuracy: 10 m, 2D RMS
- Velocity: 0.1 m/s
- Time: 1us GPS

Datum

- Default: WGS-84

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Tiskové chyby, změny a chyby v datech vyhrazeny.

Acquisition time
• Reaquisition 0.1 s, average
• Hot start: 1 s, average
• Warm start: 38 s, average
• Cold start: 42 s, average

Dynamic conditions
• Reception altitude: max. 18,000 m
• Reception speed: max. 515 m/s
• Acceleration: max. 4g
• Skok: max. 20m/s × 3

Suply voltage
• Voltage: 3.3V-4.2V DC
• Current: 70 mA

Interface property
• Baud rate: 9,600 bps
• Protocol: NMEA 0183 GGA, GLL, GSA, GSV, RMC, VTG

Physical properties
• Dimension: 30 mm x 30 mm x 7.5 mm
• Operating temperature: -30°C ~ 85°C
• Storage temperature: -40°C ~ 85°C

Obsah balení

- GNSS module

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