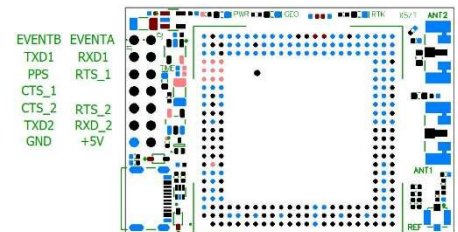


Features:

- Antenna input with SMA or IPEX connector
- Frequency reference input (10 MHz) with IPEX connector
- USB C connector
- 2 x UART with hardware flow control interface
- EVENTA, EVENTB external event inputs
- PPS output
- Time pulse LED, Power LED, RTK LED, Geofence LED
- RxTools Control and Analysis Software
- Extensive visualization and evaluation features
- Dimensions: 34x49 mm
- Weight: 13 gr.
- Fully assembled and ready to use

Reference: ELT0741



GNSS FEATURES

All-system multi-frequency 5 constellations 448 channels engine

AIM+: Industry leading Anti-jamming, Anti-spoofing Interference Monitoring and Mitigation

IONO+: Advanced protection against ionospheric disturbances to GNSS signals

APME+: a posteriori multipath estimator for code and phase multipath mitigation

LOCK+: superior tracking robustness under heavy mechanical shocks or vibration

RAIM+: Advanced Receiver Autonomous Integrity Monitoring

OSNMA support

4 constellations NMA support

T-RAIM support

PERFORMANCE

Frequency:	GPS L1C/A, L1PY, L2C, L2P, L5 BDS B1I, B1C, B2a, B2b, B2I, B3 GLONASS L1CA, L2CA, L2P, L3 CDMA Galileo E1, E5a, E5b, E5 AltBoc, E6 QZSS L1C/A, L1C/B, L2C, L5 Navic L5 SBAS: Egnos, WAAS, GAGAN, MSAS, SDCM (L1,L5) On-module L-band
Time precision:	xPPS out: 5 ns xPPS out with AtomiChron: <1ns Event accuracy: <20ns
Positioning mode accuracy:	Standalone (H/V): 1.2 m / 1.9m SBAS: 0.6 m / 0.8m
Maximum update rate:	Position: 10Hz
Protocols:	Data Format - NMEA-0183, v2.3, v3.03, v4.0, Septentrio Binary Format (SBF), NTP & PTP

OTHER FEATURES

Physical	Packaging: 239 pin LGA
Characteristics:	Dimension: 31.0 × 31.0 × 4.2 mm Weight: 6.8g
Environmental Specifications:	Working temperature: -40 °C ~ +85 °C Storage temperature: -55 °C ~ +85 °C Humidity: 95% No condensation Vibration: MIL-STD-810G
Communication Interfaces:	4 × UART (3 with hardware flow control) 1 × USB (2.0, HS) 1 × Ethernet (RMII/MDIO), 10/100 Mbps 1 × SD memory card 2 × Event inputs 2 × GPIO 1 × PPS out