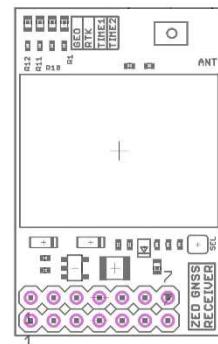


Features:

- On-board low noise 3.3V voltage regulator
- I2C (SDA, SCL), SPI and 2 UART (Tx, Rx) interface
- IPEX (U.FL) edge antenna connectors
- u-center ublox Evaluation Software
- Extensive visualization and evaluation features
- Time pulse LED, GEO LED, RTK LED (PIN for each LED)
- Backup supercapacitor
- Dimensions: 35x23 mm
- Weight: 4 gr.
- Fully assembled and ready to use
- 14 Holes with pitch 2.54mm

Reference: ELT0428



MODULE FEATURES

672-channel u-blox X20 engine
GPS L1C/A, L2C, L5
GAL E1B/C, E5a, E6
BDS B1, B1C, B2a, B3I
QZSS L1C/A, L1C/B*, L2C, L5, L6
NavIC L1*, L5
SBAS L1C/A

SENSITIVITY

Hot starts:	-157 dBm
Reacquisition:	-160 dBm
Assistance AssistNow Online	
OMA SUPL & 3GPP compliant	
TCXO Oscillator	
Anti-jamming CW detection	
Anti-spoofing Advanced anti-spoofing algorithms and OSNMA	
Built-In RTC crystal	
Flash Memory	
Moving base For attitude sensing and heading applications	
Active and passive antennas Supported	
Flash Memory	

CONVERGENCE TIME

RTK:	< 10 sec
PPP:	< 120 sec
Acquisition Cold starts:	27 sec
Aided starts:	2 sec
Reacquisition:	2 sec

POSITION ACCURACY

RTK 0.01 m + 1 ppm CEP
PPP 0.10 m CEP

NAVIGATION UPDATE RATE

RTK up to 25 Hz