

Opus7_ePV70108 Key Features

GNSS Reception Capability	GPS L1 C/A, GLONASS L1OF, SBAS L1 C/A, QZSS L1 C/A (Available by software update): Galileo E1B/E1C, QZSS L1-SAIF
GNSS Reception	26 channels (GPS, SBAS, GLONASS, QZSS)
Update Rate (Configurable)	GNSS: 1 / 2 / 5 / 10 Hz Dead Reckoning: 1 / 2 / 5 / 10 Hz
Sensitivity (*1)	<p style="text-align: center;">GPS</p> <p style="text-align: center;">Tracking: -161 dBm Hot Start: -161 dBm Warm Start: -147 dBm Cold Start: -147 dBm Reacquisition: -161 dBm</p> <p style="text-align: center;">GLONASS</p> <p style="text-align: center;">Tracking: -157 dBm Hot Start: -157 dBm Warm Start: -143 dBm Cold Start: -143 dBm Reacquisition: -157 dBm</p>
Position Accuracy (Horizontal) (*1) (*2)	<p style="text-align: center;">GPS : 2.5m (CEP) GPS+SBAS : 2.0m (CEP) GPS+SBAS+GLONASS : 2.0m (CEP)</p>
TTFF(Typical) (*1)	<p style="text-align: center;">Hot Start: <1 sec (@-130 dBm) Warm Start: 30 sec (@-130 dBm) Cold Start: 33 sec (@-130 dBm)</p>
Supply Voltage	1.8V DC/3.3V DC
Power Consumption	Acquisition Mode: 61mA
Operating Temperature	-40°C to +85°C
Package Size	<p style="text-align: center;">TFBGA 7.0mm x 7.0mm Pins: 64balls Ball Pitch: 0.8mm</p>
Protocol	<p style="text-align: center;">eSIP (NMEA 0183 Standard Ver. 4.10) FURUNO Binary M12 Binary</p>
Anti-jamming	Available
Multipath Mitigation	Available
(*1) (*2)	<p style="text-align: center;">(*1) Measurement platform with recommended active antenna (*2) Update rate: 1 Hz</p>