

Readytosky Ublox NEO M8N GPS For APM

Description :

GPS Chip parameters:

Receiver type 72-channel u-blox M8 engine

GPS/QZSS L1 C/A, GLONASS L10F, BeiDou B1

SBAS L1 C/A: WAAS, EGNOS, MSAS

Galileo-ready E1B/C (NEO-M8N)

Nav. update rate¹ Single GNSS: up to 18 HZ

Concurrent GNSS: up to 10 Hz

Position accuracy² 2.0 m CEP

Acquisition² Cold starts: 26 s

Aided starts: 2 s

Reacquisition: 1.5 s

Sensitivity² Tracking & Nav: -167 dBm

Cold starts: -148 dBm

Hot starts: -156 dBm

Assistance AssistNow GNSS Online

AssistNow GNSS Offline (up to 35 days)³

AssistNow Autonomous (up to 6 days)

OMA SUPL & 3GPP compliant

Oscillator TCXO (NEO-M8N/Q),

Crystal (NEO-M8M)

RTC crystal Built-In

Noise figure On-chip LNA (NEO-M8M). Extra LNA for lowest noise figure (NEO-M8N/Q)

Anti jamming Active CW detection and removal. Extra onboard SAW band pass filter (NEO-M8N/Q)

Memory ROM (NEO-M8M/Q) or Flash (NEO-M8N)

Supported antennas Active and passive

Odometer Travelled distance

Data-logger For position, velocity, and time (NEO-M8N)



