GPS and GNSS Modules

NEW

- MediaTek chipset
- Global Navigation Satellite System (GNSS) supports multiple systems including GPS, Galileo and GLONASS
- Small size (0.51 x 0.59” [13 x 15mm] and 0.4x0.38” [10.1x9.7mm])
- Low power (12 to 20mA tracking)
- High sensitivity (-161dBm to -164dBm)
- Standard NMEA serial data output

Full product launch in Q3

Linx PN	Chan.	Sensitivity (Cold Start)	Sensitivity (Tracking)	1PPS Accuracy	Hot start	Warm start	Cold Start w/o AGPS	Systems	Position Accuracy (Auto / SBAS)	Supply Voltage	Tracking Current (mA)	Peak Current (mA)	Size (mm)	Cost
RXM-GPS-RM	66	-143dBm	-161dBm	±11ns	<1s	32s	32s	GPS, QZSS	3m/2.5m	3.0 to 4.3	12	44	0.59 x 0.51 x 0.09 (15 x 13 x 2.2)	TBD
RXM-GPS-FM	66	-142.5dBm	-161dBm	±11ns	<1s	32s	32s	GPS, QZSS	3m/2.5m	3.0 to 4.3	12	66	0.59 x 0.51 x 0.09 (15 x 13 x 2.2)	TBD
RXM-GNSS-GM	99	-142.5dBm	-161dBm	±11ns	<1s	33s	33s	GPS, GALILEO, QZSS, GLONASS	3m/2.5m	3.0 to 4.3	16	150	0.59 x 0.51 x 0.09 (15 x 13 x 2.2)	TBD
RXM-GNSS-TM	99	-147dBm	-164dBm	±11ns	<1s	33s	33s	GPS, GALILEO, QZSS, GLONASS	2.5m/2.5m	3.0 to 4.3	20	156	0.40 x 0.38 x 0.08 (10.1 x 9.7 x 2)	TBD

X-ON Electronics

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