L76-L Release Notes

GNSS Module Series

Rev. L76-L_Firmware_Release_Notes_V0202SC

Date: 2019-08-28

1. Preamble

This document provides the Release Notes for L76-L firmware version **L76LNR02A02SC**[1]. It describes major changes compared to L76-L firmware version **L76LNR02A01SC**. For more information, refer to the other documents about L76-L.

2. New Features

NO.	Brief Description	Since
1	Added the SDK command **$PQGEO** to Configure Parameters of Geofencing.	R02A01SC
2	Added the SDK command **$PQPREC** to Configure Decimal Places of longitude, latitude and altitude in NMEA sentences.	R02A01SC
3	Added the SDK command **$PQJAM** to enable or disable jamming detection.	R02A01SC
4	Added the SDK command **$PQGBS** to enable or disable sentence of GNSS satellite fault detection.	R02A01SC

3. Improved Features

NO.	Brief Description	Since
1	Fixed an issue where the module could not enter standby mode via the standby pin.	R02A02SC

4. Functions

Basic Function						
AIC	EASY	EPO	SBAS	Always Locate	LOCUS	PPS sync NMEA
Y [2]	Y	Y	Y	Y	Y	Y

SDK Command Function								
PQBAUD	PQEPE	PQ1PPS	PQECEF	PQODO	PQPZ90	PQVEL	PQGEO	PQPREC
Y	Y	Y	Y	Y	Y	Y	Y	Y
PQJAM	PQGBS	PQGLP						
Y	Y	Y						

Special Function	
I2C	Jamming Detection
Y	Y

NOTES

1. [1] From **R02A01SC** to the latest version uses NMEA v4.10 protocol, and added a new segment before "*" in RMC, GSA and GSV sentences. Please note compatibility issues with older versions.
2. [2] "Y" means the firmware supports this function.