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Feb 14, 2018

To: All customers using the RXM-GNSS-TM

Re: Product Change Notice – Notification Amendment

Dear customer,

Linx Technologies is announcing an amendment to a previous Production Change Notification issued May 25, 2016 which addressed feature changes to the RXM-GNSS-TM module.

The original notification stated that product shipped with date codes after 1612 would include the new features outlined below. Linx has found that some RXM-GNSS-TM modules marked with date code 1651 did not include the new features, and therefore is amending the identification as being marked with date code after 1651.

- The GNSS Search System command (353) adds new fields to support Galileo and Beidou. Galileo is not yet functional, but the module will support the system when it becomes operational. Beidou is not supported by the GM or TM modules, but the software command is being updated to support next generation products. Devices using this command will need to update firmware to handle the new fields.
- The ZDA message is added, but disabled by default.
- The module can now synchronize the NMEA data output with the 1PPS output. This enables a fixed interval between the rising edge of the 1PPS pulse and the NMEA messages that describe the position and time as of the 1PPS pulse. Two new commands are added to support this function.
- A command is added to select between getting a fast TTFF or high accuracy when coming out of a tunnel or garage.
- A command is added to enable active interference cancellation.
- Command 300 is removed from the documentation following Mediatek's recommendation to migrate to message 220 for setting the position fix interval. The command is still supported by the modules, but may not be supported in future releases.
- For applications that use command 300 and query 400, the response (500) now includes two additional fields. For example, \$PMTK500,1000,0,0,0,0*1A becomes \$PMTK500,1000,0,0,0,0,0*1A in the new release.

We are committed to working closely with our customers during the transition to address any questions or concerns. Please do not hesitate to contact us if you have any questions regarding this important matter.

Product Change Notice for RXM-GNSS-TM

PCN #: LPCN-180214-1

Publish Date: Feb 14, 2018

Type of Change

Notification Amendment

Products Affected

RXM-GNSS-TM

Description of Change

Amend an original notification stating that new product could be identified with date codes after 1612 to now be identified with data codes after 1651 to include the new feature changes implemented as a result of customer feedback and compatibility with future systems.

Reason for Change

Module identification

Effect of Change

Form: No change

Fit: No change

Function:

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Quality: No change

Anticipated First Ship Date

1 September 2016 or when stock runs out, whichever comes first. Can be identified as follows: after date code 1651.

Qualification Data

Qualification plan specifics are not for general release. Please contact Linx directly for additional information.

Last Time Buy Date

No formal last time buy date was established.