

PCN #: PTM535Z-Revision_DB-08

Change Title: PTM 535Z Product Upgrade

Date of publication: December 1st, 2022

Products affected / EnOcean ordering codes

- PTM 535Z: S3071-A535

Description of change

Revision DB-08 is a major product upgrade of PTM 535Z providing higher transmission power and thereby increasing communication range.

1. Radio performance improvement: Higher transmission power

Transmission power has been increased from +2 dBm to +4 dBm providing 25% higher transmission range

2. Modified feature: Different position of IO connection pins

The IO connection pins have been moved from the center to the outside to provide better corner fixation for cases where PTM 535Z is soldered onto a host PCB

3. Modified feature: Removal of meander contact

PTM 535Z Revision DA provided a meander contact to implement simple button controls.

This feature has not been used in customer implementations and will therefore be removed in Revision DB

4. Modified feature: Removal of HW configuration interface

PTM 535Z Revision DA provided a HW configuration interface that could be populated with zero Ohm resistors to configure certain device parameters.

This feature has not been used in customer implementations and will therefore be removed in Revision DB.

Customers requiring device communication can now use PTM 535BZ which provides an NFC configuration interface.

Timeline

- Delivery of the new version is planned to start in January 2023

Reason for change

- Product upgrade based on customer requirements

Step codes after change

- PTM 535Z DB-08

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Customer impact of change and recommended action

- Landing pattern needs to be modified if PTM 535Z Revision DB is soldered onto a host PCB designed for PTM 535Z Revision DA

Reference Documents / Attachments

- PTM 535Z (Revision DB) Data Sheet (see product website)
- PTM 535Z (Revision DB) User Manual (see product website)

PCN revision history

Date of revision	Author	Revision number	Reason
December 01, 2022	MKA	01	Customer PCN