



Product Change Notification

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Dear Valued TRINAMIC Customer,

this is to inform you that a new firmware **V4.48** version has officially been released for the module

TMCM-1180

The module will be delivered together with this new release. Modules already shipped can be updated to this new release using the firmware update feature of the TMCL-IDE via serial interface. The new firmware and updated documentation will be available for download from the Trinamic website. Prior releases are still available on request. If you have any questions, please contact your sales partner.

Firmware Changes (compared to V4.45):

- Problem in TMCL interrupt handling that could lead to race conditions fixed.
- Version information of the boot loader can be read (if the boot loader supports this).
- The new USB IDs of Trinamic for stepper motor modules are used (Vendor ID: 0x2A3C, Product ID: 0x0100).

This change is classified as a minor change.

Products Affected

Article Name	Affected Article Numbers
TMCM-1180 / PDx-1180	10-0179, 10-0157, 30-0111, 30-0164

Timing

Effective date for firmware release	April 15 th , 2015
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