Product Change Notification

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Dear Valued Trinamic Customer,

This is to inform you that a new TMCL firmware version (V1.46) has been released for the modules listed in the table below.

New batches of the modules will be delivered preprogrammed with this new firmware release. Modules already shipped can be updated to this new release of the firmware using the provided firmware update feature of the TMCL-IDE. Prior releases are still available on the corresponding product pages on www.trinamic.com.

Changes:

TMCM-1021, TMCM-1140-TMCL, TMCM-1141, TMCM-1160-TMCL, TMCM-1161, TMCM-1181, TMCM-6110, PD-1021-TMCL, PD-1140-TMCL, PD-1141, PD-1160-TMCL, PD-1161
(TMCL Firmware V1.42 => V1.46)

- New TMCL commands supported.

TMCM-1240-TMCL, TMCM-1241-TMCL, TMCM-1260-TMCL, PD-1240-TMCL, PD-1241-TMCL, PD-1260-TMCL
(TMCL Firmware V1.44 => V1.46)

- Logic of axis parameters #10 and #11 inverted.
- Velocity dependent StallGuard switching corrected.
- Inrush current reduced.
- New TMCL commands supported.

This change is classified as a major change.

Products Affected

Article Name	Article Numbers
TMCM-1021	10-0372
TMCM-1140-TMCL	10-0371
TMCM-1141	10-0375
TMCM-1160-TMCL	10-0276
TMCM-1161	10-0385

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TMCM-1181	10-0259
TMCM-6110	10-0200
PD28-1-1021-TMCL	30-0358
PD28-3-1021-TMCL	30-0359
PD42-1-1140-TMCL	30-0354
PD42-2-1140-TMCL	30-0355
PD42-3-1140-TMCL	30-0356
PD42-4-1140-TMCL	30-0357
PD42-1-1141	30-0420
PD42-2-1141	30-0421
PD42-3-1141	30-0422
PD57-1-1160-TMCL	30-0271
PD57-2-1160-TMCL	30-0272
PD60-3-1160-TMCL	30-0273
PD60-4-1160-TMCL	30-0274
PD57-1-1161	30-0406
PD57-2-1161	30-0407
PD60-3-1161	30-0410
PD60-4-1161	30-0411

TMCM-1240-TMCL	10-0329
TMCM-1241-TMCL	10-0319
TMCM-1260-TMCL	10-0313
PD42-1-1240-TMCL	30-0346
PD42-2-1240-TMCL	30-0347
PD42-3-1240-TMCL	30-0348
PD42-4-1240-TMCL	30-0349
PD42-3-1241-TMCL	30-0322
PD42-4-1241-TMCL	30-0366
PD57-1-1260-TMCL	30-0313
PD57-2-1260-TMCL	30-0314
PD60-3-1260-TMCL	30-0315
PD60-4-1260-TMCL	30-0316

Timing

Effective date for firmware release	March 10, 2021

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