

Dear Valued TRINAMIC Customer,

this is to inform you that a new TMCL firmware version has been released for the modules listed in table below.

New batches of the modules will be delivered together with this new release V1.11. Modules already shipped can be updated to this new release 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-1110 stepRocker (V1.09-> V1.11)

- Internal performance improvement
- New TMCL commands supported

TMCM-1111 servoRocker, TMCM-3351-TMCL (V1.09-> V1.11)

- New TMCL commands supported
- EEPROM partitioning corrected
- Position reset after reference search corrected
- PID modes supported using axis parameter 129
- Velocity-dependent switch of stallGuard corrected
- Axis parameter 3 made read-only
- New axis parameter 35 introduced
- Spurious changes of home input polarity eliminated

TMCM-3212-TMCL, TMCM-3214-TMCL, TMCM-6210-TMCL, TMCM-6212-TMCL (V1.09-> V1.11)

- New TMCL commands supported
- Linear interpolation added for MVP COORD
- RS485 baud rates higher than 115200 also selectable
- Swapped axis parameter 10 and 11

TMCM-3312-TMCL, TMCM-3314-TMCL (V1.09-> V1.11)

- New TMCL commands supported
- Linear interpolation added for MVP COORD
- Position reset after reference search corrected
- PID modes supported using axis parameter 129
- Velocity-dependent switch of stallGuard corrected
- Axis parameter 3 made read-only
- New axis parameter 35 introduced
- Spurious changes of home input polarity eliminated



Product Change Notification

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www.trinamic.com

This change is classified as a minor change.

Products Affected

Article Name	Affected Article Numbers
TMCM-1111 servoRocker	10-0305
TMCM-1110 stepRocker	10-0260
TMCM-3351-TMCL	10-0306
TMCM-3212-TMCL	10-0264
TMCM-3214-TMCL	10-0296
TMCM-3312-TMCL	10-0287
TMCM-3314-TMCL	10-0311
TMCM-6210-TMCL	10-0262
TMCM-6212-TMCL	10-0290

Timing

Effective date for firmware release	June 06, 2019
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