

<u>www.trinamic.com</u>

October 23, 2018

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 V1.12. 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-1210 (V1.11 -> V1.12)

- Added TMCL axis parameter #191 (PWM frequency)
- Added TMCL axis parameter #192 (PWM autoscale)

This change is classified as a minor change.

Products Affected

| Article Name | Affected Article Numbers |
|--------------|--------------------------|
| TMCM-1210 | 10-0294 |

Timing

| Effective date for firmware release | October 23, 2018 |
|-------------------------------------|------------------|