

**Quality Assurance**  
 160 Rio Robles  
 San Jose, CA 95134

[www.maximintegrated.com](http://www.maximintegrated.com)

**PROCESS CHANGE NOTICE**  
 **PRODUCT CHANGE NOTICE**

**ANALOG DEVICES HEREBY ISSUES NOTIFICATION OF CHANGE  
 THAT MAY AFFECT THE FOLLOWING CATEGORIES:**

<input type="checkbox"/> DESIGN	<input type="checkbox"/> WAFER FAB	<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> TEST	<input checked="" type="checkbox"/> ELEC/MECH SPECS
---------------------------------	------------------------------------	-----------------------------------	-------------------------------	---

**AFFECTED PRODUCT:**

Ordering P/N: (See PN listing XLS in PCN ZIP file)

CHANGE FROM: -  Existing Firmware revision V1.46 for Trinamic TMCM-1160-TMCL modules	CHANGE TO: -  New Firmware revision V1.47 This Firmware introduces the following new features: 1) New axis parameter #201. 2) Axis parameter #217 redefined. 3) Fixed: Position reached message sometimes got lost via USB. This change is classified as a major change.
---	---

**JUSTIFICATION:** New batches of the modules will be delivered together with this new release of the firmware. Modules already shipped can be updated to this new release of the firmware using the provided firmware update feature of the TMCL-IDE. Prior firmware releases are still available on the corresponding product pages on [www.trinamic.com](http://www.trinamic.com).

This PCN is effective as of 16AUG2022 and is for information only.

Part Number	Manufacturer Part #
TMCM-1160-TMCL	TMC-10-0369
PD57-1-1160-TMCL	TMC-30-0431
PD57-2-1160-TMCL	TMC-30-0432
PD60-3-1160-TMCL	TMC-30-0433
PD60-4-1160-TMCL	TMC-30-0434

**TRACEABILITY:** Analog Device maintains full traceability by device marking, packaging labels and shipment documents.

Analog Devices's Change Notification System is designed to keep our customer base apprised of major product, manufacturing, or facility improvements.

*Nasser Ali Chaouche*

Nasser AliChaouche / PCN Coordinator

For further information, please contact either of the people listed below.

**Contact your local Analog Devices Company Representative**

or

Nasser AliChaouche, PCN Coordinator

408-601-5660 / [pcn.coordinator@maximintegrated.com](mailto:pcn.coordinator@maximintegrated.com)