



Product/Process Change Notice - PCN 24_0071 Rev. -

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This notice is to inform you of a change that will be made to certain ADI products (see Appendix A) that you may have purchased in the last 2 years. **Any inquiries or requests with this PCN (additional data or samples) must be sent to ADI within 30 days of publication date.** ADI contact information is listed below.

PCN Title:	ADMX3652 Firmware Update
Publication Date:	13-May-2024
Effectivity Date:	15-Aug-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

- Optimize self-diagnostic in startup process to provide more comprehensive messages:
 - Add messages of "Reset reason: Software", "Reset reason: NRST PIN" after completing image validation.
 - Unify the power rails check to one message as "Waiting for Reference Stable..."
 - Add message of "ADC self-check done" for ADC self-test after power rails self-test.
- Unify device's output digits from 8/7/6 digits to 7/6/5 digits at 0.2/2/20V range by following standard meter spec.
- Change command parameter of "TRIGger:SOURce" from "{IMMediate|EXTErnal}" to "{INTErnal|EXTErnal}" for meaningful understanding.
- Add query commands for users to check device's configurations. The newly added query commands include "CONFigure:VOLTage:DC? {1|2}", "CONFigure:VOLTage:DC:NPLCycles? {1|2}", "SYSTem:BAUDRATE:SET?", "TRIGger:SOURce?", "SYSTem:CAL:DATE?", "SYSTem:CAL:DATE?" and "SYSTem:CAL:TIMES?". Refer to User Guide for more details about those commands.
- Upgrade firmware version from Rev 4.5.1 to Rev 4.8.1 for above changes.

Reason For Change:

Optimize and standardize device behaviors to enhance device ease of use.

Impact of the change (positive or negative) on fit, form, function & reliability:

No impact on fit, form or reliability. There is an impact to function.

Product Identification *(this section will describe how to identify the changed material)*

User can use command of "SYSTem:INFormation? FIRmware" to read back firmware version info, Rev 4.8.1 is the latest version with all changes.

Summary of Supporting Information:

Communication protocol change only. Qualfication is not required.

Supporting Documents

None

ADI Contact Information:

For questions on this PCN, please send an email to the regional contacts below or contact your local ADI sales representatives.

Americas:	Europe:	Japan:	Korea:	Rest of Asia:
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_Korea@analog.com	PCN_ROA@analog.com

Appendix A - Affected ADI Models:**Added Parts On This Revision - Product Family / Model Number (1)**

ADMX3652 / ADMX3652Z-ML

Appendix B - Revision History:

Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	13-May-2024	15-Aug-2024	Initial Release.