



## Product/Process Change Notice - PCN 20\_0311 Rev. -

Analog Devices, Inc. One Analog Way, Wilmington, MA 01887

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:** Supplier Material Change for  $\mu$ Module

**Publication Date:** 20-Aug-2021

**Effectivity Date:** 22-Nov-2021 *(the earliest date that a customer could expect to receive changed material)*

**Revision Description:**

Initial Release

**Description Of Change:**

Alpha & Omega Semiconductor is the 2nd source supplier to the FET currently supplied by OnSemi within the module.

**Reason For Change:**

Additional capacity and sourcing flexibility for the FET within the module.

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

The change is transparent in customer applications since there is no change in form, fit, function, quality or reliability of the products. The product datasheet is unchanged.

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

The approximate date code of the first units assembled will be available from PCN effectivity date.

**Summary of Supporting Information:**

The 2nd source replacement component has been qualified through characterization over the full operating junction temperature range and through rigorous engineering bench evaluations. Electrical and thermal performance of devices using the alternate source component is unchanged. In addition, standard qualification tests were successfully completed, including power cycling, Thermal shock, temperature cycling and high temperature operating life. The summary of qualification results is attached.

**Supporting Documents**

**Attachment 1: Type:** Qualification Results Summary

ADI\_PCN\_20\_0311\_Rev\_-\_ADI\_PCN\_QUALDATA.pdf

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

**Americas:**  
PCN\_Americas@analog.com

**Europe:**  
PCN\_Europe@analog.com

**Japan:**  
PCN\_Japan@analog.com

**Rest of Asia:**  
PCN\_ROA@analog.com

**Appendix A - Affected ADI Models**

**Added Parts On This Revision - Product Family / Model Number (30)**

LTM4631 / LTM4631EV#PBF	LTM4631 / LTM4631EY#PBF	LTM4631 / LTM4631IV#PBF	LTM4631 / LTM4631Y	LTM4631 / LTM4631IY#PBF
LTM4646 / LTM4646EY#PBF	LTM4646 / LTM4646Y	LTM4646 / LTM4646IY#3OP	LTM4646 / LTM4646IY#3OP-ES	LTM4646 / LTM4646IY#3ZZ-ES
LTM4646 / LTM4646IY#PBF	LTM4662 / LTM4662EY#PBF	LTM4662 / LTM4662Y	LTM4662 / LTM4662IY#PBF	LTM4675 / LTM4675EY#3LNPBF
LTM4675 / LTM4675EY#PBF	LTM4675 / LTM4675Y	LTM4675 / LTM4675IY#10HH-1PBF	LTM4675 / LTM4675IY#PBF	LTM4675 / LTM4675IY#PBF-ES
LTM4686 / LTM4686EY#PBF	LTM4686 / LTM4686IV#10HC-1PBF	LTM4686 / LTM4686IV#10HD-1PBF	LTM4686 / LTM4686IV#10HE-1PBF	LTM4686 / LTM4686IV#10HF-1PBF
LTM4686 / LTM4686IV#10JE-1PBF-ES	LTM4686 / LTM4686IV#10JF-1PBF-ES	LTM4686 / LTM4686IV#10JG-1PBF-ES	LTM4686 / LTM4686IV#10JH-1PBF-ES	LTM4686 / LTM4686IV#PBF

**Appendix B - Revision History**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	20-Aug-2021	22-Nov-2021	Initial Release

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