



## Product/Process Change Notice - PCN 23\_0182 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.

<b>PCN Title:</b>	Notification of Qualification of Pillar Size Update for LT3977, LT3978, LT8636, LT8637, LT8640S, LT8640S-2, LT8643S, LT8643S-2
<b>Publication Date:</b>	15-Sep-2023
<b>Effectivity Date:</b>	18-Dec-2023 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release.

### Description Of Change:

Updating pillar diameter from 85um to 100um.

### Reason For Change:

To improve manufacturability.

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

No change in fit, form, function & reliability of the product.

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

The product will be identified from the cut-off date code. A cut-off date code will be provided upon request from the customer.

### Summary of Supporting Information:

Qualification has been performed per AEC-Q100, Stress Test Qualification for Integrated Circuits. See attached Qualification Results Summary.

### Supporting Documents

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

[ADI\\_PCN\\_23\\_0182\\_Rev\\_-LT8640S\\_Qualification\\_Report.pdf...](#)

**Attachment 2: Type:** Delta Qualification Matrix

[ADI\\_PCN\\_23\\_0182\\_Rev\\_-PCN-Delta-Qualification-Matrix-ZVEI\\_20230828.xls...](#)

Note: If applicable, the device material declaration will be updated due to material change.

### ADI Contact Information:

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

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Rest of Asia:</b>
PCN_Americas@analog.com	PCN_Europe@analog.com	PCN_Japan@analog.com	PCN_ROA@analog.com

## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (75)

LT3977 / LT3977EV#PBF	LT3977 / LT3977EV#WVPBF	LT3977 / LT3977JV#PBF	LT3977 / LT3977JV#WVPBF	LT3978 / LT3978EV#PBF
LT3978 / LT3978EV#WVPBF	LT3978 / LT3978JV#3ZZPBF	LT3978 / LT3978JV#PBF	LT3978 / LT3978JV#WVPBF	LT8636 / LT8636EV#PBF
LT8636 / LT8636EV#TRMPBF	LT8636 / LT8636EV#TRPBF	LT8636 / LT8636EV#WVPBF	LT8636 / LT8636HV#3ZZPBF	LT8636 / LT8636HV#3ZZTRPBF
LT8636 / LT8636HV#PBF	LT8636 / LT8636HV#TRMPBF	LT8636 / LT8636HV#TRPBF	LT8636 / LT8636HV#WVPBF	LT8636 / LT8636HV#WTRPBF
LT8636 / LT8636JV#PBF	LT8636 / LT8636JV#TRMPBF	LT8636 / LT8636JV#TRPBF	LT8636 / LT8636JV#WVPBF	LT8636 / LT8636JV#WTRPBF
LT8636 / LT8636MPV#PBF	LT8636 / LT8636MPV#TRPBF	LT8637 / LT8637EV#PBF	LT8637 / LT8637EV#TRMPBF	LT8637 / LT8637EV#TRPBF
LT8637 / LT8637EV#WVPBF	LT8637 / LT8637JV#PBF	LT8637 / LT8637JV#TRMPBF	LT8637 / LT8637JV#TRPBF	LT8637 / LT8637JV#WVPBF
LT8640S / LT8640SEV#PBF	LT8640S / LT8640SEV#TRPBF	LT8640S / LT8640SEV#WVPBF	LT8640S / LT8640SEV#WTRPBF	LT8640S / LT8640SIV#PBF
LT8640S / LT8640SIV#TRPBF	LT8640S / LT8640SIV#WVPBF	LT8640S / LT8640SIV#WTRPBF	LT8640S-2 / LT8640SEV-2#PBF	LT8640S-2 / LT8640SEV-2#TRPBF
LT8640S-2 / LT8640SHV-2#3ZZPBF	LT8640S-2 / LT8640SHV-2#3ZZTRPBF	LT8640S-2 / LT8640SHV-2#PBF	LT8640S-2 / LT8640SHV-2#TRPBF	LT8640S-2 / LT8640SHV-2#WVPBF
LT8640S-2 / LT8640SHV-2#WTRPBF	LT8640S-2 / LT8640SIV-2#3MOPBF	LT8640S-2 / LT8640SIV-2#3ZZPBF	LT8640S-2 / LT8640SIV-2#PBF	LT8640S-2 / LT8640SIV-2#TRPBF
LT8640S-2 / LT8640SIV-2#WVPBF	LT8640S-2 / LT8640SIV-2#WTRPBF	LT8643S / LT8643SEV#PBF	LT8643S / LT8643SEV#TRPBF	LT8643S / LT8643SEV#WVPBF
LT8643S / LT8643SEV#WTRPBF	LT8643S / LT8643SIV#PBF	LT8643S / LT8643SIV#TRPBF	LT8643S / LT8643SIV#WVPBF	LT8643S / LT8643SIV#WTRPBF
LT8643S-2 / LT8643SEV-2#PBF	LT8643S-2 / LT8643SEV-2#TRPBF	LT8643S-2 / LT8643SHV-2#PBF	LT8643S-2 / LT8643SHV-2#TRPBF	LT8643S-2 / LT8643SHV-2#WVPBF
LT8643S-2 / LT8643SHV-2#WTRPBF	LT8643S-2 / LT8643SIV-2#PBF	LT8643S-2 / LT8643SIV-2#TRPBF	LT8643S-2 / LT8643SIV-2#WVPBF	LT8643S-2 / LT8643SIV-2#WTRPBF

**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	15-Sep-2023	18-Dec-2023	Initial Release.