



Product/Process Change Notice - PCN 23_0180 Rev. -

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

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:	New Tray Design for BGA Package
Publication Date:	20-Nov-2023
Effectivity Date:	22-Feb-2024 <i>(the earliest date that a customer could expect to receive changed material)</i>
Revision Description:	Initial Release.

Description Of Change:

Change tray 50-8068 to tray 50-8001 for BGA devices LTM4633 / LTM4634 / LTM4628 / LTM4620 / LTM4620A / LTM4641.

Reason For Change:

Improved fitting of units in the tray.

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

There is no change to the form, fit, function, quality, or reliability of the devices.

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

Silk screen printing on tray will indicate the following:
8001 15X15mm(119 POCKETS)KS-881435

Summary of Supporting Information:

No qualification necessary as there is no change to the device. New tray design passed FAI (First Article Inspection - tray buyoff procedure).

Supporting Documents

Attachment 1: Type: Detailed Change Description

[ADI PCN 23_0180 Rev. - 50-8068 and 50-8001 Tray.pdf...](#)

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.

Americas:	Europe:	Japan:	Rest of Asia:
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 (27)

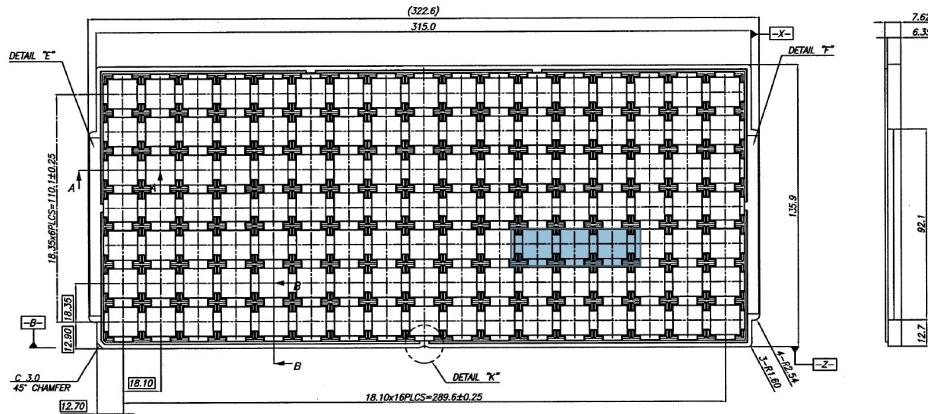
LTM4620 / LTM4620EY#PBF	LTM4620 / LTM4620IY	LTM4620 / LTM4620IY#PBF	LTM4620 / LTM4620MPY	LTM4620 / LTM4620MPY#PBF
LTM4620A / LTM4620AEY#PBF	LTM4620A / LTM4620AIY	LTM4620A / LTM4620AIY#PBF	LTM4620A / LTM4620AMPY	LTM4620A / LTM4620AMPY#PBF
LTM4628 / LTM4628EY#PBF	LTM4628 / LTM4628IY	LTM4628 / LTM4628IY#PBF	LTM4628 / LTM4628IY#PBF-ES3	LTM4633 / LTM4633EY#PBF
LTM4633 / LTM4633IY	LTM4633 / LTM4633IY#PBF	LTM4633 / LTM4633MPY	LTM4633 / LTM4633MPY#PBF	LTM4634 / LTM4634EY#PBF
LTM4634 / LTM4634IY	LTM4634 / LTM4634IY#PBF	LTM4641 / LTM4641EY#PBF	LTM4641 / LTM4641IY	LTM4641 / LTM4641IY#PBF
LTM4641 / LTM4641MPY	LTM4641 / LTM4641MPY#PBF			

Appendix B - Revision History:

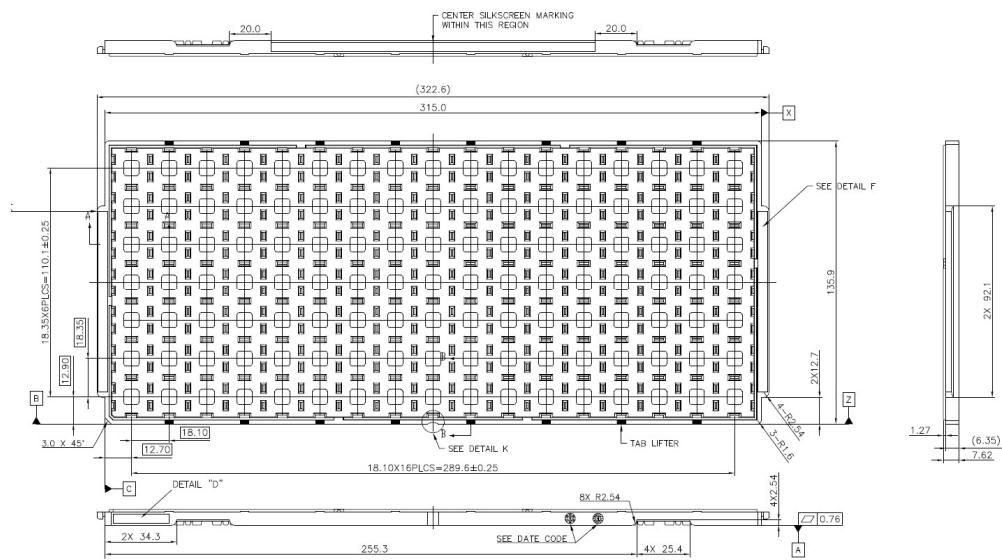
Rev	Publish Date	Effectivity Date	Rev Description
Rev. -	20-Nov-2023	22-Feb-2024	Initial Release.

1.0 Dimension comparison

Tray 50-8068



Tray 50-8001

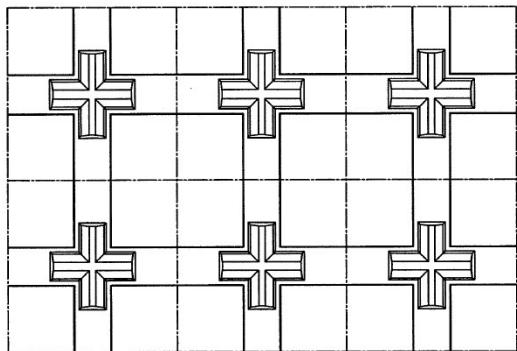


There is no significant change to the dimensions of the tray.

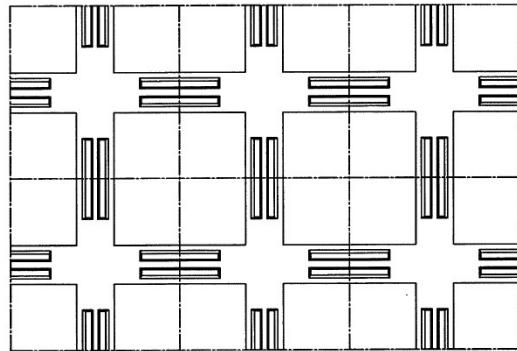
Note: The tray 50-8068 and 50-8001 not stackable with each other due to pocket tray wall design is different. There will be a gap in between both tray when 50-8068 stack on top of 50-8001 or 50-8001 stack on top of 50-8068.

2.0 Physical differences

Tray 50-8068

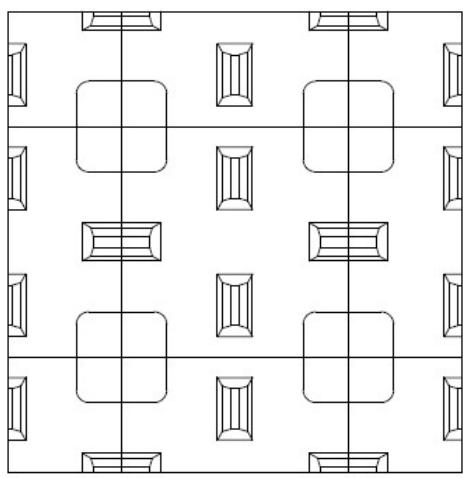


Top view

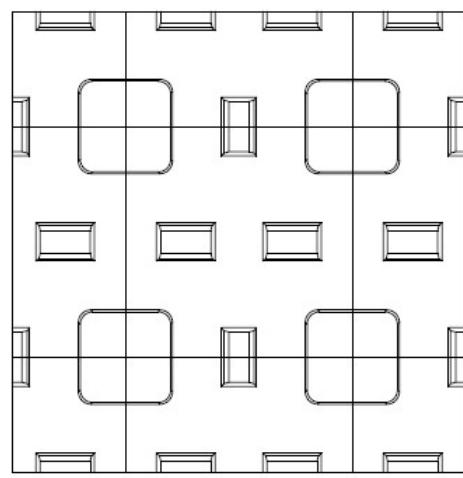


Bottom view

Tray 50-8001

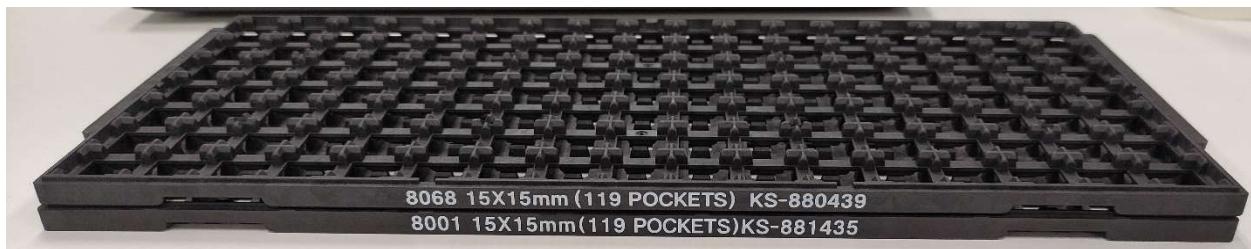


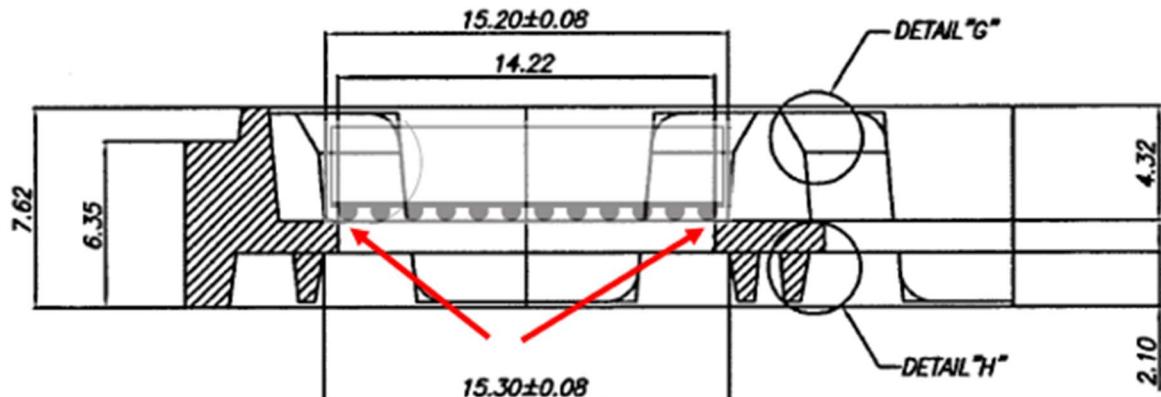
TOP VIEW



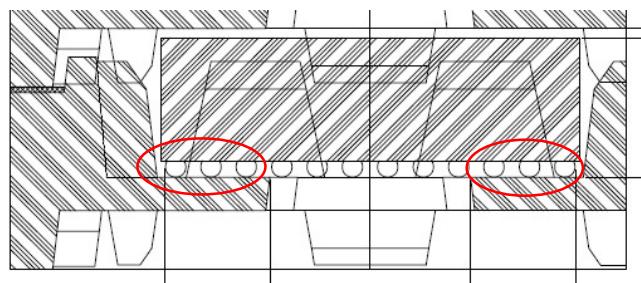
BOTTOM VIEW

Both trays have silk screen printing indicating the tray part number, 8001 for 50-8001 and 8068 for 50-8068.





Tray 50-8068 solder ball at the perimeter of the unit will be sitting on the edge of the tray pocket.



Tray 50-8002 solder ball 3 row on the left and 3 row on the right of the unit will be supported by the tray.

3.0 Affected devices for BGA (Y)

LTM4633, LTM4634, LTM4628, LTM4620, LTM4620A and LTM4641