



## Product/Process Change Notice - PCN 23\_0025 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>	Package Outline Drawing and Data Sheet Revision for Select LFCSP Products in Amkor
<b>Publication Date:</b>	26-Jun-2023
<b>Effectivity Date:</b>	28-Sep-2023 <i>(the earliest date that a customer could expect to receive changed material)</i>
<b>Revision Description:</b>	Initial Release.

### Description Of Change:

1)Revision of Package Outline Drawing (POD) for LFCSP, particularly on the flange (A3 feature) to include 0.3mm flange thickness as additional option to the 0.2mm flange thickness.

2)Data Sheet revision.

### Reason For Change:

Amkor proposed to implement a thicker flange using the Edge Protection Technology (EPT) feature to improve the package robustness. POD and Data Sheet updated to include this option.

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

No impact to fit, form, function, and reliability. The flange (A3) is a reference (REF) feature which has no tolerance, thus change in thickness still complies with JEDEC package outline drawing

### Summary of Supporting Information:

No qualification is required. Data Sheet changes will be documented in Product Data Sheets for affected material. See attached for affected Package Outline Drawings and Edge Protection Technology performance data.

### Supporting Documents

**Attachment 1: Type:** Package Outline Drawing

[ADI\\_PCN\\_23\\_0025\\_Rev - Affected\\_POD.pdf...](#)

**Attachment 2: Type:** Qualification Results Summary

[ADI\\_PCN\\_23\\_0025\\_Rev - EPT\\_Performance\\_Data.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.

<b>Americas:</b>	<b>Europe:</b>	<b>Japan:</b>	<b>Rest of Asia:</b>
<a href="mailto:PCN_Americas@analog.com">PCN_Americas@analog.com</a>	<a href="mailto:PCN_Europe@analog.com">PCN_Europe@analog.com</a>	<a href="mailto:PCN_Japan@analog.com">PCN_Japan@analog.com</a>	<a href="mailto:PCN_ROA@analog.com">PCN_ROA@analog.com</a>

## Appendix A - Affected ADI Models:

### Added Parts On This Revision - Product Family / Model Number (312)

AD53565 / AD53565BCPZ-03	AD53565 / AD53565BCPZ-039	AD5410 / AD5410ACPZ-REEL	AD5410 / AD5410ACPZ-REEL7	AD5412 / AD5412ACPZ-REEL
AD5412 / AD5412ACPZ-REEL7	AD5420 / AD5420ACPZ-REEL	AD5420 / AD5420ACPZ-REEL7	AD5422 / AD5422ACPZ-REEL	AD5422 / AD5422ACPZ-REEL7
AD5422 / AD5422BCPZ-REEL	AD5422 / AD5422BCPZ-REEL7	AD5755 / AD11/2081Z-RL7	AD6643 / AD6643BCPZ-200	AD6643 / AD6643BCPZ-250
AD6643 / AD6643BCPZRL7-200	AD6643 / AD6643BCPZRL7-250	AD6649 / AD6649BCPZ	AD6649 / AD6649BCPZRL7	AD6684 / AD6684BCPZ-500
AD6684 / AD6684BCPZRL7-500	AD6684 / AD89029BCPZ-500	AD6684 / AD89029BCPZRL-500	AD74410 / AD90-002Z-0RL	AD74410 / AD90/001Z-0RL
AD7727 / AD7727BCPZRL	AD80226 / AD80226BCPZ-125	AD80226 / AD80226BCPZRL-125	AD80362 / AD80362BCPZ	AD80362 / AD80362BCPZ-REEL7
AD8158 / AD8158ACPZ	AD8195 / AD8195ACPZ	AD8195 / AD8195ACPZ-R7	AD8339 / AD8339ACPZ	AD8339 / AD8339ACPZ-R7
AD8339 / AD8339ACPZ-RL	AD9094 / AD9094BCPZ-1000	AD9094 / AD9094BCPZRL7-1000	AD9114 / AD9114BCPZ	AD9114 / AD9114BCPZRL7
AD9115 / AD9115BCPZ	AD9115 / AD9115BCPZRL7	AD9116 / AD9116BCPZ	AD9116 / AD9116BCPZRL7	AD9117 / AD9117BCPZ
AD9117 / AD9117BCPZRL7	AD9121 / AD9121BCPZ	AD9121 / AD9121BCPZRL	AD9122 / AD9122BCPZ	AD9122 / AD9122BCPZRL
AD9122 / AD9122SCPZ-EP	AD9122 / AD9122SCPZ-EP-RL	AD9125 / AD9125BCPZ	AD9125 / AD9125BCPZRL	AD9135 / AD9135BCPAZ
AD9135 / AD9135BCPAZRL	AD9135 / AD9135BCPZ	AD9135 / AD9135BCPZRL	AD9136 / AD9136BCPAZ	AD9136 / AD9136BCPAZRL
AD9136 / AD9136BCPZ	AD9136 / AD9136BCPZRL	AD9138 / AD80363ABCPCZ	AD9138 / AD80363ABCPCZRL	AD9138 / AD80363BCPZ
AD9138 / AD80363BCPZRL	AD9139 / AD9139BCPZ	AD9139 / AD9139BCPZRL	AD9142A / AD9142ABCPCZ	AD9142A / AD9142ABCPCZRL
AD9144 / AD80314BCPCZ	AD9144 / AD80314BCPCZRL	AD9144 / AD9144BCPAZ	AD9144 / AD9144BCPAZRL	AD9144 / AD9144BCPZ
AD9144 / AD9144BCPZRL	AD9154 / AD9154BCPAZ	AD9154 / AD9154BCPAZRL	AD9154 / AD9154BCPZ	AD9154 / AD9154BCPZRL
AD9234 / AD80381BCPZ	AD9234 / AD80381BCPZRL7	AD9239 / AD9239BCPZ-170	AD9239 / AD9239BCPZ-210	AD9239 / AD9239BCPZ-250
AD9301 / AD80354BCPCZ	AD9301 / AD80354BCPCZ-RL7	AD9389B / AD89013BCPCZ	AD9389B / AD9389BBCPCZ-165	AD9389B / AD9389BBCPCZ-165-RL
AD9389B / AD9389BBCPCZ-80	AD9462 / AD9462BCPZRL7-125	AD9467 / AD9467BCPZ-200	AD9467 / AD9467BCPZ-250	AD9467 / AD9467BCPZRL7-200
AD9467 / AD9467BCPZRL7-250	AD9467 / AD9467SCPZ-250-EP	AD9467 / AD9467SCPZ250EPRL7	AD9520-0 / AD9520-0BCPZ	AD9520-0 / AD9520-0BCPZ-REEL7
AD9520-1 / AD9520-1BCPZ	AD9520-1 / AD9520-1BCPZ-REEL7	AD9520-2 / AD9520-2BCPZ	AD9520-2 / AD9520-2BCPZ-REEL7	AD9520-3 / AD9520-3BCPZ
AD9520-3 / AD9520-3BCPZ-REEL7	AD9520-4 / AD9520-4BCPZ	AD9520-4 / AD9520-4BCPZ-REEL7	AD9520-5 / AD9520-5BCPZ	AD9520-5 / AD9520-5BCPZ-REEL7
AD9522-0 / AD9522-0BCPZ	AD9522-0 / AD9522-0BCPZ-REEL7	AD9522-1 / AD9522-1BCPZ	AD9522-1 / AD9522-1BCPZ-REEL7	AD9522-2 / AD9522-2BCPZ
AD9522-2 / AD9522-2BCPZ-REEL7	AD9522-3 / AD9522-3BCPZ	AD9522-3 / AD9522-3BCPZ-REEL7	AD9522-4 / AD9522-4BCPZ	AD9522-4 / AD9522-4BCPZ-REEL7
AD9522-5 / AD9522-5BCPZ	AD9522-5 / AD9522-5BCPZ-REEL7	AD9523 / AD9523BCPZ	AD9523 / AD9523BCPZ-REEL7	AD9523-1 / AD80307BCPZ
AD9523-1 / AD80307BCPZ-REEL7	AD9523-1 / AD9523-1BCPZ	AD9523-1 / AD9523-1BCPZ-REEL7	AD9524 / AD9524BCPZ	AD9524 / AD9524BCPZ-REEL7
AD9528 / AD9528BCPZ	AD9528 / AD9528BCPZ-REEL7	AD9547 / AD9547BCPZ	AD9547 / AD9547BCPZ-REEL7	AD9548 / AD9548BCPZ
AD9548 / AD9548BCPZ-REEL7	AD9554 / AD80380BCPZ	AD9554 / AD80380BCPZ-REEL	AD9554 / AD80380BCPZ-REEL7	AD9554 / AD9554BCPZ
AD9554 / AD9554BCPZ-REEL	AD9554 / AD9554BCPZ-REEL7	AD9557 / AD9557BCPZ	AD9557 / AD9557BCPZ-REEL7	AD9558 / AD9558BCPZ
AD9558 / AD9558BCPZ-REEL7	AD9559 / AD80341BCPZ	AD9559 / AD80341BCPZ-REEL7	AD9559 / AD9559BCPZ	AD9559 / AD9559BCPZ-REEL7
AD9600 / AD9600ABCPCZ-105	AD9600 / AD9600ABCPCZ-125	AD9600 / AD9600ABCPCZ-150	AD9613 / AD9613BCPZ-170	AD9613 / AD9613BCPZ-210
AD9613 / AD9613BCPZ-250	AD9613 / AD9613BCPZRL7-170	AD9613 / AD9613BCPZRL7-210	AD9613 / AD9613BCPZRL7-250	AD9639 / AD9639BCPZ-170
AD9639 / AD9639BCPZ-210	AD9639 / AD9639BCPZRL-170	AD9639 / AD9639BCPZRL-210	AD9640 / AD80192ABCPCZ-155	AD9640 / AD80192ABCPCZRL7155
AD9640 / AD9640ABCPCZ-105	AD9640 / AD9640ABCPCZ-125	AD9640 / AD9640ABCPCZ-150	AD9640 / AD9640ABCPCZ-80	AD9640 / AD9640ABCPCZRL7-125
AD9640 / AD9640ABCPCZRL7-80	AD9643 / AD80286BCPZ-155	AD9643 / AD80286BCPZRL7-155	AD9643 / AD9643BCPZ-170	AD9643 / AD9643BCPZ-210
AD9643 / AD9643BCPZ-250	AD9643 / AD9643BCPZRL7-170	AD9643 / AD9643BCPZRL7-210	AD9643 / AD9643BCPZRL7-250	AD9665 / AD9665ACPZ-REEL
AD9665 / AD9665ACPZ-REEL7	AD9691 / AD9691BCPZ-1250	AD9691 / AD9691BCPZRL7-1250	AD9694 / AD9694BCPZ-500	AD9694 / AD9694BCPZRL7-500
AD9714 / AD9714BCPZ	AD9714 / AD9714BCPZRL7	AD9715 / AD9715BCPZ	AD9715 / AD9715BCPZRL7	AD9716 / AD9716BCPZ
AD9716 / AD9716BCPZRL7	AD9717 / AD9717BCPZ	AD9717 / AD9717BCPZRL7	AD9743 / AD9743BCPZ	AD9743 / AD9743BCPZRL
AD9745 / AD9745BCPZ	AD9745 / AD9745BCPZRL	AD9746 / AD9746BCPZ	AD9746 / AD9746BCPZRL	AD9747 / AD9747BCPZ
AD9747 / AD9747BCPZRL	AD9780 / AD9780BCPZ	AD9780 / AD9780BCPZRL	AD9781 / AD9781BCPZ	AD9781 / AD9781BCPZRL
AD9783 / AD9783BCPZ	AD9783 / AD9783BCPZRL	AD9949 / AD9949AKCPZ	AD9949 / AD9949AKCPZRL	AD9949 / AD9949KCPZ
AD9949 / AD9949KCPZRL	AD9961 / AD9961BCPZ	AD9961 / AD9961BCPZRL	AD9963 / AD9963BCPZ	AD9963 / AD9963BCPZRL
AD9971 / AD9971BCPZ	AD9971 / AD9971BCPZRL	AD9978 / AD9978BCPZ	AD9978 / AD9978BCPZRL	AD9978A / AD9978ABCPCZ
AD9978A / AD9978ABCPCZRL	ADAS1000 / ADAS1000BCPZ	ADAS1000 / ADAS1000BCPZ-RL	ADAS1000-1 / ADAS1000-1BCPZ	ADAS1000-1 / ADAS1000-1BCPZ-RL
ADAS1000-2 / ADAS1000-2BCPZ	ADAS1000-2 / ADAS1000-2BCPZ-RL	ADAS1000-3 / ADAS1000-3BCPZ	ADAS1000-3 / ADAS1000-3BCPZ-RL	ADAS1000-4 / ADAS1000-4BCPZ
ADAS1000-4 / ADAS1000-4BCPZ-RL	ADAS1262 / AD70/022Z-0	ADAS1262 / AD70/022Z-0RL	ADATE316 / ADATE316BCPZ	ADATE316 / ADATE316BCPZ-RL
ADATE317 / ADATE317BCPZ	ADATE318 / ADATE318-1BCPZ	ADATE318 / ADATE318BCPZ	ADATE320 / ADATE319KCPZ	ADATE320 / ADATE319KCPZ-24
ADATE320 / ADATE319KCPZ-48	ADATE320 / ADATE320-1KCPZ	ADATE320 / ADATE320KCPZ	ADAU1361 / ADAU1361BCPZ	ADAU1361 / ADAU1361BCPZ-R7
ADAU1361 / ADAU1361BCPZ-RL	ADAU1382 / ADAU1382BCPZ	ADAU1382 / ADAU1382BCPZ-R7	ADAU1761 / ADAU1761BCPZ	ADAU1761 / ADAU1761BCPZ-R7
ADAU1761 / ADAU1761BCPZ-RL	ADAU1961 / ADAU1961WBCPCZ	ADAU1961 / ADAU1961WBCPCZ-R7	ADAU1961 / ADAU1961WBCPCZ-RL	ADAU1961 / ADW80019BCPCZ
ADAU1961 / ADW80019BCPCZ-R7	ADAU1961 / ADW80019BCPCZ-RL	ADDR9501 / ADDR9501BCPZ	ADDR9501 / ADDR9501BCPZRL	ADDR9501 / ADW15001YCPZ
ADDR9501 / ADW15001YCPZRL	ADF4602 / ADF4602BCPZ	ADF4602 / ADF4602BCPZ-RL	ADSP-BF592 / AD91197Z	ADSP-BF592 / AD91197Z-RL
ADSP-BF592 / ADSP-BF592BCPZ	ADSP-BF592 / ADSP-BF592BCPZ-2	ADSP-BF592 / ADSP-BF592KCPZ	ADSP-BF592 / ADSP-BF592KCPZ-2	ADUC7034 / ADUC7034BCPCZ
ADUC7034 / ADUC7034BCPCZ-RL	ADUC7036 / ADUC7036BCPCZ	ADUC7036 / ADUC7036BCPCZ-RL	ADUC7036 / ADUC7036DCPCZ	ADUC7036 / ADUC7036DCPCZ-RL
ADUCRF02 / ADUCRF02BCPCZ128	ADUCRF02 / ADUCRF02BCPCZ128-RL	ADUCRF101 / ADUCRF101BCPCZ128	ADUCRF101 / ADUCRF101BCPCZ128R7	ADUCRF101 / ADUCRF101BCPCZ128RL
ADV3003 / ADV3003ACPZ	ADV3003 / ADV3003ACPZ-R7	ADV3224 / ADV3224ACPZ	ADV3225 / ADV3225ACPZ	ADV3226 / ADV3226ACPZ
ADV3227 / AD45236	ADV3227 / ADV3227ACPZ	ADV3228 / ADV3228ACPZ	ADV3229 / ADV3229ACPZ	ADV7174 / ADV7174KCPZ-REEL
ADV7179 / ADV7179BCPCZ	ADV7179 / ADV7179BCPCZ-REEL	ADV7179 / ADV7179KCPZ	ADV7179 / ADV7179KCPZ-REEL	ADV7180 / ADV7180BCPCZ
ADV7180 / ADV7180BCPCZ-REEL	ADV7181D / ADV7181DPCPCZ	ADV7181D / ADV7181DPCPCZ-RL	ADV7181D / ADV7181DWBCPCZ	ADV7181D / ADV7181DWBCPCZ-RL
ADV7390 / ADV7390BCPCZ	ADV7390 / ADV7390BCPCZ-REEL	ADV7392 / ADV7392BCPCZ	ADV7392 / ADV7392BCPCZ-3REEL	ADV7392 / ADV7392BCPCZ-REEL
ADV7393 / ADV7393BCPCZ	ADV7393 / ADV7393BCPCZ-REEL	ADV7680 / ADV7680WBCPCZ	ADV7680 / ADV7680WBCPCZ-RL	ADV7680 / ADW10022Z-0



**Appendix B - Revision History:**

<b>Rev</b>	<b>Publish Date</b>	<b>Effectivity Date</b>	<b>Rev Description</b>
Rev. -	26-Jun-2023	28-Sep-2023	Initial Release.