



Advance Product Change Notification

202411022A : P82B96 GA Wafer Size 5" to 6" Conversion Qualification

Note: This notice is NXP Company Proprietary.

Issue Date: Dec 21, 2024

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For detailed information we invite you to [view this notification online](#)

Management summary

P82B96 wafer size 5" to 6" conversion Qualification.

Change Category

- | | | | | |
|--|--|--|--|---|
| <input checked="" type="checkbox"/> Wafer
Fab
Process | <input type="checkbox"/> Assembly
Process | <input type="checkbox"/> Product Marking | <input type="checkbox"/> Test
Process | <input type="checkbox"/> Design |
| <input type="checkbox"/> Wafer
Fab
Materials | <input type="checkbox"/> Assembly
Materials | <input type="checkbox"/> Mechanical Specification | <input type="checkbox"/> Test
Equipment | <input type="checkbox"/> Errata |
| <input type="checkbox"/> Wafer
Fab
Location | <input type="checkbox"/> Assembly
Location | <input type="checkbox"/> Packing/Shipping/Labeling | <input type="checkbox"/> Test
Location | <input type="checkbox"/> Electrical
spec./Test
coverage |
| <input type="checkbox"/> Firmware <input type="checkbox"/> Other | | | | |

Notification Overview

Description

P82B96 manufactured on GA's(*) 4um Bipolar process converted from the 5" line to the 6" line.

No process changes will be performed are planned, the same mask sets are used in the 6" material.

* GA is formerly known as ASMC

Reason

GA has converted the 5" line to 6".

Identification of Affected Products

Product will be identifiable as based on box marking/labeling. Top side marking on line 2 in conjunction with a datecode will also provide traceability.

Product Availability

Sample Information

Samples are available upon request

Production

Planned first shipment Apr 01, 2025

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

No impact to existing data sheet

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Self qualification:[view online](#)

Timing and Logistics

The Self Qualification Report will be ready on Dec 31, 2024.

The Final PCN is planned to be issued on: Feb 14, 2025.

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Jan 20, 2025.

Contact and Support

For all inquiries regarding the ePCN tool application or access issues, please contact NXP "Global Quality Support Team".

For all Quality Notification content inquiries, please contact your local NXP Sales Support team.

For specific questions on this notice or the products affected please contact our specialist directly:

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NXP Quality Management Team.

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