



Advance Product Change Notification **Update**

202208027AU01 : S32G2xx Silicon Revision from 0P77B to 1P77B and Qualification of YoungYiel (YY) Lid Supplier

Note: This notice is NXP Company Proprietary.

Issue Date: Dec 13, 2022

Here is your personalized notification about a NXP general announcement.
For detailed information we invite you to [view this notification online](#)

Change Category

<input 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 checked="" type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<input checked="" 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 checked="" type="checkbox"/> Firmware <input checked="" type="checkbox"/> Other: Reference Manual				

PCN Overview

Description

This Advance Product Change Notification announces the planned silicon revision from maskset 0P77B to 1P77B for the devices associated with this notification.
Security issues are addressed in this silicon revision. Please contact NXP PSIRT (psirt@nxp) for details on silicon revision.

In addition, new silicon revision 1P77B devices will include YoungYiel (YY) as an additional lid supplier.
There is no impact to the fit, function, reliability, or quality between current lid and YoungYiel (YY), however, there is a slight visual difference.

To support the transition to the new silicon revision (1P77B), a Discontinuance Notification will be issued (planned issuance March 2023) with new replacement part numbers and qualification results. Qualified samples of the new silicon revision 1P77B are expected in March 2023, with volume production ramp expected in September 2023, dates subject to change.

The new silicon revision (1P77B) will require the use of Integrated Software Bundle 2023.03, or future bundles.

Any orders on the existing part numbers with silicon revision 0P77B that will not be fulfilled will need

to be transitioned to the equivalent replacement part number using silicon revision 1P77B.

Please see attached for planned replacement part numbers, part marking, and visual comparison between current and new lid.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02, SEM-DE-04, SEM-PA-16

Reason

Security issues are addressed in the silicon revision.

Qualification of YoungYiel (YY) as a lid supplier for supply assurance.

Identification of Affected Products

Replacement part type created, see Parts Affected list

Please see attached file for replacement part numbers that will be included in the planned Discontinuance Notification.

Product Availability

Sample Information

Samples are available from Mar 31, 2023

Prototype samples are available upon request.

Qualified samples are available from March 31, 2023

Production

Planned first shipment Sep 28, 2023

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

There is no impact to the fit, function, reliability, or quality between current lid and YoungYiel (YY), however, there is a slight visual difference.

There is no impact to the form, fit, function, reliability, or quality for the planned silicon revision from maskset 0P77B to 1P77B.

Disposition of Old Products

Existing inventory will be shipped until depleted

Additional information

Self qualification: [view online](#)

Additional documents: [view online](#)

Timing and Logistics

The Self Qualification Report will be ready on Mar 30, 2023.

The Final PCN is planned to be issued on: Mar 30, 2023.

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by Jan 12, 2023.

Update Information

Due to an issue with our sales history database you may have received incomplete data. For this reason, NXP is issuing an update to the original notification to ensure sales history integrity. We apologize for any inconvenience this may have caused.

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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Position Change Management
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