



Customer Information Notification

202605006I : New FS45/FS65 Product Offerings and Datasheet Update Rev 9.0 (New Orderable Part Numbers with the Introduction of NXP ATKL Malaysia Assembly, Wafer Test, and Final Test Site Expansion)

Note: This notice is NXP Company Proprietary.

Issue Date: Jul 23, 2026 **Effective Date:** Jul 24, 2026

Dear Gordon Love,

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

Change Category

- | | | | | |
|--|--|--|--|---|
| ☐ Wafer
Fab
Process | ☐ Assembly
Process | ☐ Product Marking | ☐ Test
Process | ☐ Design |
| ☐ Wafer
Fab
Materials | ☐ Assembly
Materials | ☐ Mechanical Specification | ☐ Test
Equipment | ☐ Errata |
| ☐ Wafer
Fab
Location | ☐ Assembly
Location | ☐ Packing/Shipping/Labeling | ☐ Test
Location | ☐ Electrical
spec./Test
coverage |
| ☐ Firmware | ☒ Other: Datasheet Update (New Orderable Part Numbers) | | | |

Notification Overview

Description

NXP Semiconductors announces an expansion to the FS45/FS65 family of devices to now include products assembled and tested in NXP ATKL (Kuala Lumpur, Malaysia), along with a datasheet update to revision 9.0 for the products associated with this notification. These new products are offered in addition to the parts currently manufactured in NXP ATTJ (Tianjin, China). New orderable part numbers are created to reflect the Malaysia manufacturing flow and are added to the updated product datasheet alongside their functionally equivalent parts manufactured in China. These new part offerings support NXP's strategic goal to provide supply assurance and geographic diversity of supply.

Please note that the new manufacturing is only available for Grade-1 ASIL-D versions of FS45/FS65.

New FS6500-FS4500-ASIL-D datasheet revision 9.0 is attached to this notification, and is available at the NXP site: https://docs.nxp.com/bundle/FS6500-FS4500-ASIL-D/page/topics/general_description.html

Please see the attached files for details, as well as the revision history included in the updated datasheet for a detailed description of the changes.

Corresponding ZVEI Delta Qualification Matrix ID: SEM-DS-02

Reason

New FS45/FS65 product offerings with NXP ATKL Malaysia assembly, wafer test, and final test manufacturing sites are provided for supply assurance and geographic diversity of supply. The datasheet is updated to reflect the new product part number offerings.

Identification of Affected Products

- New FS45/FS65 family of devices are introduced with NXP ATKL (Kuala Lumpur, Malaysia) assembly, wafer test and final test manufacturing identified with part number suffix "KE", compared to original, unchanged NXP ATTJ (Tianjin, China) with part number suffix "AE".
- ATKL processed material can be identified using product top-side marking assembly site code within the trace code line: assembly site code for ATKL = Q, compared to assembly site code for ATTJ = CT.
- In addition, product top-side marking for ATKL product introduces short part number and 2D marking. Product top-side marking for ATTJ product continues unchanged with long part number and no 2D marking.

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

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

Data Sheet Revision

A new data sheet will be issued

Additional information

Additional documents: [view online](#)

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:

Name	Dan Sadler
Position	Energy Network Segment Manager (APS)
e-mail address	dan.sadler@nxp.com

At NXP Semiconductors we are constantly striving to improve our product and processes to ensure they reach the highest possible Quality Standards. Customer Focus, Passion to Win.

NXP Quality Management Team.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

NXP Semiconductors
High Tech Campus, 5656 AG Eindhoven, The Netherlands

© 2006-2026 NXP Semiconductors. All rights reserved.