Customer Information Notification

201704026IU01

Issue Date: 20-May-2017
Effective Date: 21-May-2017

UPDATE

Management Summary

Two secure boot vulnerabilities have been identified that affect the Serial Download Protocol (SDP) and x.509 when the device is configured in security enabled mode.

Change Category

☐ Wafer Fab Process	☐ Assembly Process	☐ Product Marking	☐ Test Location	☐ Design
☐ Wafer Fab Materials	☐ Assembly Materials	☐ Mechanical Specification	☐ Test Process	☑ Errata
☐ Wafer Fab Location	☐ Assembly Location	☐ Packing/Shipping/Labeling	☐ Test Equipment	☐ Electrical spec./Test coverage

i.MX Secure Boot ROM Errata Updates

Information Notification

NXP Semiconductor is informing customers of a secure boot vulnerability when using the Serial Downloader for specific i.MX products. Under certain conditions, a possibility exists that this section of code could be maliciously modified to allow an unauthorized image to run.

In addition, a secure boot vulnerability has been identified in the High Assurance Boot (HAB) during the parsing of a certificate in a security enabled configuration.

Please contact your NXP sales and marketing representative for additional information and content of the two errata.

Why do we issue this Information Notification

NXP is informing customers that an updated errata will be available through sales and marketing for the affected i.MX family of products.

Identification of Affected Products

Product identification does not change

Update Information

This update is to include new affected devices.

Impact

There is no change to form, fit, function or reliability.

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 Patrick Stilwell
Position Product Marketing
e-mail address mailto:patrick.stilwell@nxp.com?subject=Support

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.

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