



## Customer Information Notification

201808016I

**Issue Date:** 30-Nov-2018  
**Effective Date:** 01-Dec-2018

Here's your personalized quality information concerning products Digi-Key purchased from NXP. For detailed information we invite you to view this notification online



# QUALITY

### Management Summary

Assembly transfer to ASE-Chungli Taiwan assembly site requires pin 1 indicator change for the following products: MMA845x family, SX845x family, FXLS8471, FXOS8700, MM8491 and FXLN83xx family.

### Change Category

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

MMA845x, SX845x,  
FXLS8471, FXOS8700,  
MMA8491 & FXLN83xx  
Pin 1 Indicator Change

### Description

NXP Semiconductors announces the change of the pin 1 indicator for the following products; MMA845x family, SX845x family, FXLS8471, FXOS8700, MM8491 and FXLN83xx family. This change will modify the pin 1 diameter from 0.26mm to 0.40mm +/- 0.10mm and will modify the pin 1 placement from 0.11mm to 0.25mm +/- 0.10mm vertically from the date code line. See attachment for visual example of the change.

### Reason

Pin 1 indicator has been changed to be more visible and to accommodate internal NXP vision systems.

### Identification of Affected Products

Top side marking

## 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 datasheet

### Disposition of Old Products

Existing inventory will be shipped until depleted

## 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.

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.

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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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### **Affected Part Numbers**

MMA8453QR1

MMA8452QR1

MMA8451QR1

MMA8491QR1

FXOS8700CQR1

FXLN8362QR1

FXLN8371QR1

FXLS8471QR1

FXLN8361QR1