



## Final Product Change Notification

201710008F01

**Issue Date:** 21-Mar-2018  
**Effective Date:** 19-Jun-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

### Change Category

- |  |  |  |   |   |
|--|--|--|---|---|
| <input type="checkbox"/> Wafer Fab Process   | <input type="checkbox"/> Assembly Process              | <input type="checkbox"/> Product Marking           | <input type="checkbox"/> Test Location  | <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 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 |

**ASECL LQFP 14x14 100L Qualification with Sumitomo G631HA Molding Compound and New Lead Frame**

### Details of this Change

NXP Semiconductors announces a mold compound change from CEL9240HF10AK to Sumitomo G631HA LQFP 14X14 100L for the products listed in the notification, currently assembled at the ASE-Chungli Taiwan (ASECL) Assembly Site. There is no change to the package outline dimensions.

A new lead frame was qualified with no change to lead frame materials. The flag size for STMP3770XXLAE3N, DSP56F803BU80E, and DSP56F826BU80E will change from 6.1x6.1 mm to 5.5x5.5 mm.

#### Why do we Implement this Change

The molding compound change to Sumitomo G631HA from CEL9240HF10AK is required for supply assurance and standardization of Bill Of Material in ASECL assembly site.

#### Identification of Affected Products

Top side marking  
Please refer to the attachment for detail

### Product Availability

#### Sample Information

Samples are available upon request

#### Production

Planned first shipment 20-Jun-2018

### Impact

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

#### Disposition of Old Products

Existing inventory will be shipped until depleted

### Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 20-Apr-2018.

### 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** Wei Chen  
**Position** Product Engineer  
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Customer Focus, Passion to Win.

NXP Quality Management Team.

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### Affected Part Numbers

MK60DN256ZVLL10

DSP56F826BU80E

MK20DN512ZVLL10

MK10DN512ZVLL10

DSP56F803BU80E

MK60DN512ZVLL10