



## Final Product Change Notification

201611006F01U01

**Issue Date:** 08-Apr-2017

**Effective Date:** 07-Jul-2017

**UPDATE**

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 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 checked="" type="checkbox"/> Electrical spec./Test coverage |

**BGA28xx: data sheet update**

### Details of this Change

Update data sheet by adding min spec for second-order intermodulation distance (delta IM2) and max spec for second harmonic output power (PL(2H)).

For some other parameters the min/max spec is removed (non-relevant for application).

Products involved:

- BGA2817 => updated data sheet
- BGA2818 => updated data sheet

- BGA2867 => no update available yet.
- BGA2874 => no update available yet.

All data sheets can be found on: [www.nxp.com](http://www.nxp.com)

### Why do we Implement this Change

In order to reflect product performance and deliver according these specification.

BGA2817: Implemented from DC1702 onwards.

BGA2818: Implemented from DC1703 onwards.

### Identification of Affected Products

NA

## Product Availability

### Sample Information

Not applicable

### Production

Planned first shipment 09-Jan-2017

## Update Information

This is a follow up for PCN 201611006F01: update BGA2817 and BGA2818 data sheet for adding min/max for second harmonic parameter.

## Impact

no impact to the product's functionality anticipated.

No change in product form, fit and function

### Data Sheet Revision

A new datasheet will be issued

### Disposition of Old Products

NA

## Timing and Logistics

Your acknowledgement of this change, conform JEDEC JESD46 D, is expected till 08-May-2017.

## 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** Wali Ahmad  
**Position** Sr. Customer Quality Engineer  
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NXP Quality Management Team.

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
BGA2818,115	935294008115	BGA2818	Satellite RF Gain block	SOT363	SC-88	RFS	BL Smart Antenna Solutions
BGA2867,115	935295974115	BGA2867	Satellite RF Gain block	SOT363	SC-88	RFS	BL Smart Antenna Solutions
BGA2817,115	935296912115	BGA2817	Satellite RF Gain block	SOT363	SC-88	RFS	BL Smart Antenna Solutions