Final Product Change Notification | 201806032F01

Issue Date: 29-Jun-2018
Effective Date: 27-Sep-2018

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Management Summary

Change orientation of pin 1 from Q1 to (EIA compliant) Q2. Last in the family of PTN5150 parts. The 3NC and specification indicate Q2 as 'proper' orientation.

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	[X] Packing/Shipping/Labeling	[ ] Test Equipment	[ ] Electrical spec./Test coverage
[ ] Firmware	[ ] Other			

Change Orientation of Pin 1 from Q1 to (EIA Compliant) Q2. Last in the Family of PTN5150 Parts

Description of Change

For PTN5150 material manufactured in 2018, NXP will be changing the current T&R pin 1 orientation from Q1 to
Q2.

Reason for Change

This change will align specifications and orderable part types.
- the T&R information indicates a Q2 pin 1 orientation, and
- the segment of the orderable 12NC (last 3 digits) being 528, also indicates a 'rotated' orientation which for QFNs of this configuration normally use a Q2 orientation.

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Most customers understand the '3NC/orientation' format and NXP wants to provide consistency.

Identification of Affected Products

The material manufactured in 2018 (as indicated on box/reel labels) will be oriented in an 'as specified' manner where Pin 1 will be in Q2.

Product Availability

Sample Information
Not applicable
Production
Planned first shipment 06-Jul-2018

Anticipated 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
Old material (pre-2018) may or may not be available, and is viable for use though pin 1 would be located in Q1 rather than the specified Q2.

Timing and Logistics

In compliance with JEDEC J-STD-046, your acknowledgement of this change is expected by 29-Jul-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:

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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	Product Line
PTN5150HXMP	935305812528	PTN5150HX	USB Type-C CC Logic	SOT1355-1	X2QFN12	RFS	BL SECURE INTERFACES & POWER