Customer Information Notification | 201703017I

Issue Date: 05-Apr-2017
Effective Date: 06-May-2017

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Management Summary

Update the Limiting Value table of the PTN5150 family of datasheets. This update is to clarify the Max Voltage ratings (Limiting Values) of the CC1 & CC2 pins. No product changes have occured.

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	[X] Electrical spec./Test coverage

PTN5150x (Family) Datasheet Update

Information Notification

NXP was asked to review the limiting values of the CC1 & CC2 pins as described in the Limiting Values Table (Table 9) of the current datasheet.

An update will be applied where the CC1 & CC2 pins/values will be separated from the 'group' of pins (as seen in Table 9 of released datasheet) and clarified as their own pair with their own ratings. No product changes occurred.

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- The Limiting Values (Table 9) of the currently released datasheets have CC1 & CC2 pins listed with a Max Limiting value of VDD +0.3v,
- Pending datasheets incorporate a Table 9 update where CC1 & CC2 pins are separated and have the Max Limiting value clarified to indicate +6.0v

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- Due to the fact that no product changes occurred, the release of one or more of the updates may occur prior to release of this CIN.

Why do we issue this Information Notification

- Provide clarification with respect to the Limiting Voltage Values/Capabilities of the CC1 & CC2 pins
- For consistency purposes (as this is a family of parts) the update will be applied to all 3 parts (PTN5150, PTN5150A and PTN5150H).

Identification of Affected Products
Product identification does not change

Impact

no impact to the product's functionality anticipated.
Data Sheet Revision
A new datasheet will be issued
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.

For specific questions on this notice or the products affected please contact our specialist directly:

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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
PTN5150HXMP	935305812528	PTN5150HX	USB Type-C CC Logic	SOT1355-1	X2QFN12	RFS	BL SECURE INTERFACES & POWER
PTN5150AHXMP	935307148528	PTN5150AHX	USB Type-C CC Logic, Ext-Sel	SOT1355-1	X2QFN12	RFS	BL SECURE INTERFACES & POWER