Customer Information Notification | 201708035l

Issue Date: 04-Sep-2017
Effective Date: 30-Sep-2017

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

Management Summary

BL-SIP discontinued UART (SC18Ix) bridges , but numerous customers either rejected or needed support based on design-ins so an /S8 selection type will be released but with limited FA.

Change Category

[ ] Wafer Fab Process	[ ] Assembly Process	[X] 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

SC18IX Bridges Using /S8 Selection Types

Information Notification

Existing part numbers identified in DN85 will still be discontinued. This information note focus's on the release of several UART bridges in the SC18Ix family. A new customer selection type (e.g., SC18IS602BIPW/S8) for TSSOP16 in tape and reel will be released. The attached parts list will provide the impacted part types. The devices are identical except for the new /S8 part number which is used to track customer migration. All existing and potentially new customers can purchase the /S8 part numbers which will be visible on the NXP website.

NXP plans to supply the devices for a minimum of 7 years with an expected discontinuation in the 2024-2025 timeframe, but in the meantime, Failure Analysis for /S8 devices will consist of Automated Test Equipment (ATE) and electrical overstress verification along with package and wire bond validation only. Detailed device failure analysis will not be available. Reintroduction of these previously discontinued devices will occur in production facilities that align with current or previously qualified manufacturing locations. Existing data sheet will be updated to add the /S8 part numbers.

Why do we issue this Information Notification

To inform customers of the release of the SC18Ix bridges with /S8 part numbers.

Identification of Affected Products
Replacement part type created, see Parts Affected list
Product Identification can be found by the addition of /S8 on part number and orderable part number which will be noted on box/reel labels

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
Existing data sheet will be updated to add the /S8 part numbers
Existing device will be shipped until Last Time Ship specified in the Discontinuation Notice

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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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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Changed Orderable Part#	Changed Part 12NC	Changed Part Number	Changed Part Description	Package Outline	Package Name	Status	New Orderable Part#	New part 12NC	New Part number	New part description	Product Line
SC18IM700IPW,128	935280629128	SC18IM700IPW	SC18IM700I	SOT403-1	TSSOP16	DOD	SC18IM700IPW/S8HP	935358996128	SC18IM700IPW/S8	SC18IM700I	BL SECURE INTERFACES & POWER
SC18IS602BIPW,128	935286182128	SC18IS602BIPW	SC18IS602B	SOT403-1	TSSOP16	DOD	SC18IS602BIPW/S8HP	935358995128	SC18IS602BIPW/S8	SC18IS602B	BL SECURE INTERFACES & POWER