



Customer Information Notification

2021060111 : Release of Rev "5" Datasheet Document for LS1043A Family of Devices

Note: This notice is NXP Company Proprietary.

Issue Date: Jun 17, 2021 **Effective date:** Jun 18, 2021

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Management summary

Release of Rev "5" Datasheet Document for LS1043A Family of Devices

Change Category

<input type="checkbox"/> Wafer Fab Process	<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Product Marking	<input type="checkbox"/> Test Process	<input type="checkbox"/> Design
<input type="checkbox"/> Wafer Fab Materials	<input type="checkbox"/> Assembly Materials	<input type="checkbox"/> Mechanical Specification	<input type="checkbox"/> Test Equipment	<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 Location	<input checked="" type="checkbox"/> Electrical spec./Test coverage
<input type="checkbox"/> Firmware	<input type="checkbox"/> Other			

PCN Overview

Description

The following changes were made to the LS1043A datasheet:

Added the following information for industrial lidded part:

- Section on lidded part in Thermal (with lid)
- Package parameters for the FC-PBGA lidded package in Package parameters for the FC-PBGA
- Mechanical dimensions of the FC-PBGA lidded package in Mechanical dimensions of the FC-PBGA
- Package type for LCFC 780 balls with lid and note indicating the industrial part number in Part numbering nomenclature
- Added parameter for required assertion time of PORESET_B after stable SYSCLK in RESET initialization
- Renamed the section Thermal to Thermal (no lid) in Thermal (no lid)
- Updated SRDS_PRTCL_S1 to disable the SerDes module in SerDes interface entirely unused

Reason

Notify customers with the change

Anticipated Impact on Form, Fit, Function, Reliability or Quality

No Impact on form, fit, function, reliability or quality

Data Sheet Revision

A new datasheet will be issued

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#	12NC	Product Type	Product Description	Package Outline	Package Description	Product Status	Customer Specific Indicator	Product Line
LS1023ASN7QQB	935338879557	LS1023ASN7QQB	LS1023A R1.1 ST 1.6GHZ	FCPGA621B	SOT1661-1	RFS	No	BLDN
LS1023AXN7MQB	935338886557	LS1023AXN7MQB	LS1023A R1.1 XT 1.2GHZ	FCPGA621B	SOT1661-1	RFS	No	BLDN
LS1023ASN7PQB	935338878557	LS1023ASN7PQB	LS1023A R1.1 ST 1.4GHZ	FCPGA621B	SOT1661-1	RFS	No	BLDN
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LS1023ASN7MNLB	935338876557	LS1023ASN7MNLB	LS1023A R1.1 1G 0.9V	FCPGA621B	SOT1661-1	RFS	No	BLDN
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