



Customer Information Notification

202006006I

Issue Date: 11-Jul-2020
Effective Date: 12-Jul-2020

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

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QUALITY

Management Summary

Updates to LS1046A/26A datasheet to remove 0.9V extended parts and transition customers to 1V extended temperature when running at 1.2GHz.

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 |
| <input type="checkbox"/> Firmware | <input type="checkbox"/> Other | | | |

Removal of 0.9V Extended Temperature Product Offerings for the LS1046A/26A Family of Devices and Updated DataSheet

Description

NXP has decided to withdraw the 0.9V Extended Temperature parts and made the affected part numbers un-orderable. NXP recommends customers to transition to the 1.0V @ 1.4GHz Extended Temperature parts. The LS1046A/26A product family DataSheet specification has been updated to reflect part ordering, and power dissipation numbers.

Refer to Table 145 in the attached revision 4 DataSheet for the list of the changes.

Reason

Notify customers with the datasheet changes.

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:

Name Naveen Vyakaranam
Position Product Marketing Manager
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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 Name	Status	Product Line
LS1046ASN8Q1A	935318912557	LS1046ASN8Q1A	LS1046A ST 1.6G DDR 2100	FBGA780	RFS	Digital Networking
LS1046AXN8T1A	935338069557	LS1046AXN8T1A	LS1046A XT 1.8G DDR 2100	FBGA780	RFS	Digital Networking
LS1046ASN8MQA	935316391557	LS1046ASN8MQA	LS1046A ST 1.2G DDR 1600	FBGA780	RFS	Digital Networking
LS1026ASN8P1A	935313234557	LS1026ASN8P1A	LS1026A ST 1.4G DDR 2100	FBGA780	RFS	Digital Networking
LS1046ASN8P1A	935325099557	LS1046ASN8P1A	LS1046A ST 1.4G DDR 2100	FBGA780	RFS	Digital Networking
LS1046ASN8T1A	935338067557	LS1046ASN8T1A	LS1046A ST 1.8G DDR 2100	FBGA780	RFS	Digital Networking
LS1046AXN8P1A	935323889557	LS1046AXN8P1A	LS1046A XT 1.4G DDR 2100	FBGA780	RFS	Digital Networking
LS1046ASE8T1A	935338066557	LS1046ASE8T1A	LS1046A STWE 1.8GHz Prot	FBGA780	RFS	Digital Networking
LS1046AXN8Q1A	935316439557	LS1046AXN8Q1A	LS1046A XT 1.6G DDR 2100	FBGA780	RFS	Digital Networking
LS1046ASE8MQA	935318834557	LS1046ASE8MQA	LS1046A STWE1.2G DDR1600	FBGA780	RFS	Digital Networking
LS1046AXN8MQA	935341004557	LS1046AXN8MQA	LS1046A XT 1.2G DDR 1600	FBGA780	RFS	Digital Networking