Customer Information Notification | 201906008I

Issue Date: 06-Jul-2019
Effective Date: 07-Jul-2019
Dear *Emma Tempest*,

Here's your personalized quality information concerning products Premier Farnell PLC purchased from NXP.
For detailed information we invite you to view this notification online

This notice is NXP Company Proprietary.

Change Category

[ ] Wafer Fab Process	[ ] Assembly [ ] Product Marking Process	[ ] Test Location	[ ] Design
[ ] Wafer Fab Materials	[ ] Assembly [ ] Mechanical Materials Specification	[ ]Test Process	[ ] Errata
[ ] Wafer Fab Location	[ ] Assembly [ ] Location Packing/Shipping/Labeling	[ ] Test Equipment	[X] Electrical spec./Test coverage
[ ] Firmware	[ ] Other		

i.MX8Mscale850D Data Sheet Rev 1.1 Update

Description

NXP Semiconductors announces a data sheet update for the i.MX8Mscale850D to revision 1.1. The revision history included in the updated documents provides a detailed description of the changes. Changes are summarized below:

Data Sheet Changes:

1. Updated the package type information in cover sheet

2. Updated the package type information in the Figure 2, "Part number nomenclature- i.MX 8M Dual/8M QuadLite / 8M Quad processors"

3. Updated eCSPI description in the Table 3, "i.MX 8M Dual / 8M QuadLite / 8M Quad modules list"

4. Added the core voltage, analog domain voltage, PLL 1.8 V voltage, 25 MHz crystal voltage, 27MHz crystal voltage, DDR I/O voltage, HDMI voltage, MIPI voltage, PCIe voltage, temperature sensor voltage, and fuse power in the Table 5, "Absolute maximum ratings"

5. Updated the Table 6, "Thermal resistance data"

6. Updated the RUN mode unit in the Table 10, "Chip power in different LP mode"

The i.MX8Mscale850D data sheet revision 1.1 is attached to this notice, and can be found at:
https://www.nxp.com/products/processors-and-microcontrollers/arm-based-processors-and-mcus/i.mx-applications-processors/i.mx-8-processors/i.mx-8m-family-armcortex-a53-cortex-m4-audio-voice-video:i.MX8M?tab=Documentation_Tab

Reason
The data sheet has been updated to correct errors and / or provide additional technical clarification on some device features.
Identification of Affected Products
Product identification does not 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

Additional information
Affected products and sales history information: see attached file
Additional documents: view online

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   Christina Shao
Position   Product Engineer
e-mail address   christina.shao@nxp.com
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.

About NXP Semiconductors

NXP Semiconductors N.V. (NASDAQ: NXPI) provides High Performance Mixed Signal and Standard Product solutions that leverage its leading RF, Analog, Power Management, Interface, Security and Digital Processing expertise. These innovations are used in a wide range of automotive, identification, wireless infrastructure, lighting, industrial, mobile, consumer and computing applications.

You have received this email because you are a designated contact or subscribed to NXP Quality Notifications. NXP shall not be held liable if this Notification is not correctly distributed within your organization.

This message has been automatically distributed. Please do not reply.

View Notification	Subscription	Support