



PRODUCT BULLETIN

Generic Copy

ISSUE DATE: 09-May-2014
NOTIFICATION: 16116
TITLE: I.MX 6SOLOLITE DATASHEET UPDATE
EFFECTIVE DATE: 10-May-2014

DEVICE(S)

MPN
MCIMX6L2DVN10AA
MCIMX6L2DVN10AB
MCIMX6L2EVN10AA
MCIMX6L2EVN10AB
MCIMX6L2EVN10ABR
MCIMX6L3DVN10AA
MCIMX6L3DVN10AB
MCIMX6L3EVN10AA
MCIMX6L3EVN10AB
MCIMX6L7DVN10AA
MCIMX6L7DVN10AB
MCIMX6L7DVN10SA
MCIMX6L8DVN10AA
MCIMX6L8DVN10AB

AFFECTED CHANGE CATEGORIES

- DATASHEET

DESCRIPTION OF CHANGE

The datasheet has been updated to revision 3 for the i.MX 6SoloLite product line.

The updated commercial/extended commercial grade datasheet can be found at:
[IMX6SLCEC](#)

Substantive changes in the datasheet are shown below. See the revision history in the device specific datasheet for details. Some changes may not apply to certain devices depending on the capabilities supported on that device.

- Features section: Parallel camera port bullet corrected.
- Features section: SSI bullet capabilities clarified.
- Modules List table: UART baud rate changed from 4 Mbps to 5 MBps.

- Modules List table: uSDHC, access to high-capacity SDHC cards change from 32 GB to 2 TB.
- Operating Ranges table: Updated NVCC_1P2V row to account for different supported memory types.
- External Clock Sources section: Added note regarding use of the internal ring oscillator.
- External Clock Sources section: Removed reference to 40 kHz regarding the internal ring oscillator. The operating frequency of this circuit is dependent on process, voltage and temperature conditions.
- Power-Up Sequence section: Clarified wording.
- OSC32K section: Removed reference to specific frequency ranges.
- OSC32K section: Added note regarding the internal ring oscillator.
- External Interface Module (EIM) section: Added more descriptive text.
- EIM Asynchronous Timing Parameters Relative to Chip Select table: Footnotes updated.
- Supplies Contact Assignments table: Corrected ball number for ZQPAD.
- 13 x 13 mm, 0.5 mm Pitch Ball Map table: Ball number Y19 name corrected from ONOFF to NVCC_PLL.
- 13 x 13 mm, 0.5 mm Pitch Ball Map table: Ball number W18 name corrected from TEST_MODE to ONOFF.
- 13 x 13 mm, 0.5 mm Pitch Ball Map table: Ball number U15 name corrected from NVCC_PLL to TEST_MODE.
- 13 x 13 mm, 0.5 mm Pitch Ball Map table: Ball number U11 name corrected from NHVCC_3V3 to NVCC33_IO.

REASON FOR CHANGE

Updated documentation.

ANTICIPATED IMPACT OF PRODUCT CHANGE(FORM, FIT, FUNCTION, OR RELIABILITY)

No changes to form, fit, function or reliability.

NOTE:

THE CHANGE(S) SPECIFIED IN THIS NOTIFICATION WILL BE IMPLEMENTED ON THE EFFECTIVE DATE LISTED ABOVE. To request further data or inquire about the notification, please enter a [Service Request](#)

For sample inquiries - please go to www.freescale.com

QUAL DATA AVAILABILITY DATE: 28-Mar-2014

QUALIFICATION STATUS: N/A

QUALIFICATION PLAN:

N/A

RELIABILITY DATA SUMMARY:

N/A

ELECTRICAL CHARACTERISTIC SUMMARY:

N/A

CHANGED PART IDENTIFICATION:

N/A

ATTACHMENT(S):

External attachment(s) FOR this notification can be viewed AT:

[16116_IMX6SLCEC.pdf](#)
