



UPDATE CHANGE NOTIFICATION # 16318

Generic Copy

Issue Date: 02-Mar-2010

TITLE: Update notification to FPCN #16318 announcing new Die Revision with Timing Specification Change for CAT25xxx SPI Serial EEPROM: OPNs Update

PROPOSED FIRST SHIP DATE: 02-Mar-2010

AFFECTED CHANGE CATEGORY(S): All SPI Serial EEPROM devices, CAT25xxx (all packages / all temperatures)

ADDITIONAL RELIABILITY DATA: N/A

SAMPLES: Contact your local ON Semiconductor Sales Office

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:

Contact your local ON Semiconductor Sales Office or <denisa.stefan@onsemi.com>

NOTIFICATION TYPE: Update Notification to FPCN (Final Product Change Notification) #16318 (14Aug2009).

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact <quality@onsemi.com>.

DESCRIPTION AND PURPOSE:

This notification is an update to FPCN 16318 which informed our customers:

*"This change allows our SPI Serial EEPROM devices to be compatible with applications where the CS signal is brought immediately high (within t_{CSH}) after the rising clock edge that latches the last data bit during the write instruction.
The new die revisions are 100% backward compatible in applications using the earlier die revisions."*

In order to make it seamless for our customers, the **orderable part number** for these devices will now **NOT** change as initially specified in the FPCN #16318 and therefore will **NOT** require a suffix ("C", "D", or "E") at the end of the part number. The new product revision associated with the new t_{CSH} timing will be identified by a different top package marking only, as initially specified in the FPCN #16318.

Example: CAT25160VI-GT3C will become: **CAT25160VI-GT3 (original OPN)**

Orderable Part numbers have been revised. The CAT25xxx orderable part numbers will no longer need to be changed to reflect the new die revisions, but **will remain as the original part number**, used prior the FPCN #16318.



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List of affected General Parts:

All CAT25xxx devices (all packages / all temperatures)

Existing OPN	OPN per FPCN#16318 NOT to be Used after UN16318 issue date	Existing OPN	OPN per FPCN#16318 NOT to be Used after UN16318 issue date
CAT25010LI-G	CAT25010LI-GD	CAT25160LE-G	CAT25160LE-GC
CAT25010VI-GT3	CAT25010VI-GT3D	CAT25160VE-GT3	CAT25160VE-GT3C
CAT25010YI-GT3	CAT25010YI-GT3D	CAT25160YE-GT3	CAT25160YE-GT3C
CAT25010VP2I-GT3	CAT25010VP2IGT3D	CAT25160VP2E-GT3	CAT25160VP2EGT3C
CAT25010ZI-GT3	CAT25010ZI-GT3D	CAT25160HU2E-GT3	CAT25160HU2EGT3C
CAT25010LE-G	CAT25010LE-GD	CAT25320LI-G	CAT25320LI-GC
CAT25010VE-GT3	CAT25010VE-GT3D	CAT25320VI-GT3	CAT25320VI-GT3C
CAT25010YE-GT3	CAT25010YE-GT3D	CAT25320YI-GT3	CAT25320YI-GT3C
CAT25010VP2E-GT3	CAT25010VP2EGT3D	CAT25320VP2I-GT3	CAT25320VP2IGT3C
CAT25010ZE-GT3	CAT25010ZE-GT3D	CAT25320HU3I-GT3	CAT25320HU3IGT3C
CAT25020LI-G	CAT25020LI-GD	CAT25320LE-G	CAT25320LE-GC
CAT25020VI-GT3	CAT25020VI-GT3D	CAT25320VE-GT3	CAT25320VE-GT3C
CAT25020YI-GT3	CAT25020YI-GT3D	CAT25320YE-GT3	CAT25320YE-GT3C
CAT25020VP2I-GT3	CAT25020VP2IGT3D	CAT25320VP2E-GT3	CAT25320VP2EGT3C
CAT25020ZI-GT3	CAT25020ZI-GT3D	CAT25320HU3E-GT3	CAT25320HU3EGT3C
CAT25020LE-G	CAT25020LE-GD	CAT25640LI-G	CAT25640LI-GE
CAT25020VE-GT3	CAT25020VE-GT3D	CAT25640VI-GT3	CAT25640VI-GT3E
CAT25020YE-GT3	CAT25020YE-GT3D	CAT25640YI-GT3	CAT25640YI-GT3E
CAT25020VP2E-GT3	CAT25020VP2EGT3D	CAT25640VP2I-GT3	CAT25640VP2IGT3E
CAT25020ZE-GT3	CAT25020ZE-GT3D	CAT25640HU3I-GT3	CAT25640HU3IGT3E
CAT25040LI-G	CAT25040LI-GD	CAT25640LE-G	CAT25640LE-GE
CAT25040VI-GT3	CAT25040VI-GT3D	CAT25640VE-GT3	CAT25640VE-GT3E
CAT25040YI-GT3	CAT25040YI-GT3D	CAT25640YE-GT3	CAT25640YE-GT3E
CAT25040VP2I-GT3	CAT25040VP2IGT3D	CAT25640VP2E-GT3	CAT25640VP2EGT3E
CAT25040ZI-GT3	CAT25040ZI-GT3D	CAT25640HU3E-GT3	CAT25640HU3EGT3E
CAT25040LE-G	CAT25040LE-GD	CAT25128LI-G	CAT25128LI-GD
CAT25040VE-GT3	CAT25040VE-GT3D	CAT25128VI-GT3	CAT25128VI-GT3D
CAT25040YE-GT3	CAT25040YE-GT3D	CAT25128YI-GT3	CAT25128YI-GT3D
CAT25040VP2E-GT3	CAT25040VP2EGT3D	CAT25128VP2I-GT3	CAT25128VP2IGT3D
CAT25040ZE-GT3	CAT25040ZE-GT3D	CAT25128XI-T2	CAT25128XI-T2D
CAT25080LI-G	CAT25080LI-GC	CAT25128LE-G	CAT25128LE-GD
CAT25080VI-GT3	CAT25080VI-GT3C	CAT25128VE-GT3	CAT25128VE-GT3D
CAT25080YI-GT3	CAT25080YI-GT3C	CAT25128YE-GT3	CAT25128YE-GT3D
CAT25080VP2I-GT3	CAT25080VP2IGT3C	CAT25128VP2E-GT3	CAT25128VP2EGT3D
CAT25080HU2I-GT3	CAT25080HU2IGT3C	CAT25128XE-T2	CAT25128XE-T2D
CAT25080LE-G	CAT25080LE-GC	CAT25256LI-G	CAT25256LI-GC
CAT25080VE-GT3	CAT25080VE-GT3C	CAT25256VI-GT3	CAT25256VI-GT3C
CAT25080YE-GT3	CAT25080YE-GT3C	CAT25256YI-GT3	CAT25256YI-GT3C
CAT25080VP2E-GT3	CAT25080VP2EGT3C	CAT25256ZD2I-GT2	CAT25256ZD2IGT2C
CAT25080HU2E-GT3	CAT25080HU2EGT3C	CAT25256XI-T2	CAT25256XI-T2C
CAT25160LI-G	CAT25160LI-GC	CAT25256LE-G	CAT25256LE-GC
CAT25160VI-GT3	CAT25160VI-GT3C	CAT25256VE-GT3	CAT25256VE-GT3C
CAT25160YI-GT3	CAT25160YI-GT3C	CAT25256YE-GT3	CAT25256YE-GT3C
CAT25160VP2I-GT3	CAT25160VP2IGT3C	CAT25256ZD2E-GT2	CAT25256ZD2EGT2C
CAT25160HU2I-GT3	CAT25160HU2IGT3C	CAT25256XE-T2	CAT25256XE-T2C