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|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Title of Change: | SOSM and SOT223 onsemi Standard Marking Lay-out Implementation |
| Effective date: | 01 Dec 2021 |
| Contact information: | Contact your local onsemi Office or KrisJudelo.Dayna@onsemi.com |
| Type of notification: | This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin. |
| Change Category: | Marking Change |
| Change Sub-Category(s): | Shipping/Packaging/Marking |

Sites Affected:

| onsemi Sites | External Foundry/Subcon Sites |
|--------------|-------------------------------|
| None | None |

Description and Purpose:

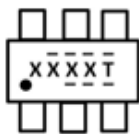
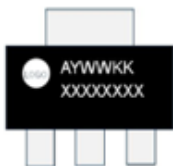
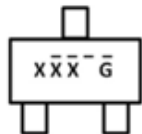
SOSM and SOT223 package build in Cebu will start to use onsemi Marking Layout Configuration.

This is part of the alignment and marking standardization.

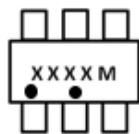
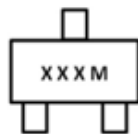
For a specific OPN that is build in different sites will now have the same lay out scheme and will just differ on the plant code.

Sample marking change below.

Fairchild Marking



onsemi Standard Marking



Legend:

- X = Device Mark
- M = Month Code
- A = Plant Code
- Y = Year Code
- W = Week Code

Note: This information is generic. Please refer to device data sheet for actual part marking. Pin1 indicator, Pb-Free indicator, microdot, may or may not be present. Some products may not follow the Generic Marking.

Note: Transition of marking will start on Dec 1,2021 until all Jan 31, 2022 or until all the affected OPNs are converted.

List of Affected Standard Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the **PCN Customized Portal**.

| | | |
|------------|--------------------|-------------------|
| FDC013P20L | FDC2512 | FDC2512-P |
| FDC2612 | FDC30N20DZ | FDC3512 |
| FDC3601N | FDC3612 | FDC5612 |
| FDC5614P | FDC5661N-F085 | FDC602P |
| FDC604P | FDC606P | FDC610PZ-G |
| FDC6301N | FDC6303N | FDC6305N |
| FDC6306P | FDC6310P | FDC6312P |
| FDC6318P | FDC6321C | FDC6323L |
| FDC6324L | FDC6325L | FDC6326L |
| FDC6327C | FDC6329L | FDC6330L |
| FDC6331L | FDC6333C | FDC634P |
| FDC637AN | FDC638APZ-PSBMS001 | FDC638APZ-SBMS001 |
| FDC638P | FDC6401N | FDC640P |
| FDC6420C | FDC645N | FDC653N |
| FDC654P | FDC655BN-G | FDC6561AN |
| FDC658AP | FDC638P-P | FDC6333C-G |

| Product | Customer Part Number | Qualification Vehicle | New Part Number | Replacement Supplier |
|---------------|----------------------|-----------------------|-----------------|----------------------|
| FDC2512 | | | | |
| FDC2612 | | | | |
| FDC30N20DZ | | | | |
| FDC3512 | | | | |
| FDC3601N | | | | |
| FDC3612 | | | | |
| FDC5612 | | | | |
| FDC5614P | | | | |
| FDC5661N-F085 | | | | |
| FDC602P | | | | |
| FDC604P | | | | |
| FDC606P | | | | |
| FDC6301N | | | | |
| FDC6303N | | | | |
| FDC6305N | | | | |
| FDC6306P | | | | |
| FDC6310P | | | | |
| FDC6312P | | | | |
| FDC6318P | | | | |
| FDC6321C | | | | |
| FDC6323L | | | | |
| FDC6324L | | | | |
| FDC6325L | | | | |
| FDC6326L | | | | |
| FDC6327C | | | | |
| FDC6329L | | | | |
| FDC6330L | | | | |
| FDC6331L | | | | |
| FDC6333C | | | | |
| FDC634P | | | | |
| FDC637AN | | | | |
| FDC638P | | | | |
| FDC6401N | | | | |
| FDC640P | | | | |
| FDC6420C | | | | |
| FDC645N | | | | |
| FDC653N | | | | |
| FDC654P | | | | |
| FDC6561AN | | | | |
| FDC658AP | | | | |