

Title of Change:	SOSM and SOT223 onsemi Standard Marking Lay-out Implementation
Effective date:	01 Dec 2021
Contact information:	Contact your local onsemi Sales 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:

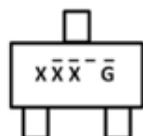
SOSM and SOT223 package build in Cebu will start to use onsemi Marking Layout Configuration.

This is part of the alignment and marking standardization.

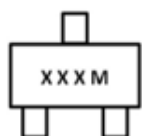
For a specific OPN that is build in different sites will now have the same lay out scheme and will just differ on the plant code.

Sample marking change below.

Fairchild Marking



onsemi Standard Marking

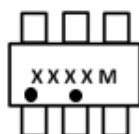
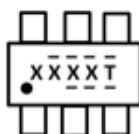


Legend:

- 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**.

MMBD4148CC	MMBD4148SE	MMBF170
MMBF4093	MMBF4117	MMBF4416
MMBF4416A	MMBF5103	MMBF5457
MMBF5484	MMBF5485	MMBF5486
MMBFJ108	MMBFJ110	MMBFJ111
MMBFJ112	MMBFJ113	MMBFJ176
MMBFJ201	MMBFJ211	MMBFJ270
MMBTA28	NC7S02M5X	NC7SP86P5X
NC7SP38P5X	NC7SP34P5X	NC7SP32P5X
NC7SP17P5X	NC7SP157P6X	NC7SP14P5X
NC7SP126P5X-L22735	NC7SP126P5X	NC7SP125P5X-L22735
NC7SP125P5X	NC7SP08P5X	NC7SP05P5X
NC7SP04P5X	NC7SP02P5X	NC7SP00P5X
NC7S83257P6X	NC7S86P5X-L22057	NC7S14P5X-L22057
NC7S08P5X-F22057	NC7S04P5X-L22057	MMBD4148CC-F169

Appendix A: Changed Products

PCN#: PB24395X
Issue Date: Nov 16, 2021

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
MMBD4148CC				
MMBD4148SE				
MMBF170				
MMBF4093				
MMBF4117				
MMBF4416A				
MMBF5103				
MMBF5457				
MMBF5484				
MMBF5485				
MMBF5486				
MMBFJ108				
MMBFJ110				
MMBFJ111				
MMBFJ112				
MMBFJ113				
MMBFJ176				
MMBFJ201				
MMBFJ211				
MMBFJ270				
MMBTA28				
NC7S02M5X				
NC7SP86P5X				
NC7SP38P5X				
NC7SP34P5X				
NC7SP32P5X				
NC7SP17P5X				
NC7SP157P6X				
NC7SP14P5X				
NC7SP126P5X				
NC7SP125P5X				
NC7SP08P5X				
NC7SP05P5X				
NC7SP04P5X				
NC7SP02P5X				
NC7SP00P5X				
NC7SB3257P6X				