



Product Change Notification / RMES-21XLMM744

Date:

22-Feb-2023

Product Category:

Power Discrete Components, Power Discrete Products

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6131 Final Notice: Implement top marking changes for selected PSDS (Power Switching Discrete Solutions) Silicon Carbide (SiC) Products available in TO-247, TO-263, TO-268, TO-220 and SOT-227 packages.

Affected CPNs:

[RMES-21XLMM744_Affected_CPN_02222023.pdf](#)

[RMES-21XLMM744_Affected_CPN_02222023.csv](#)

Notification Text:

PCN Status:Final Notification

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:Implement top marking changes for selected PSDS (Power Switching Discrete Solutions) Silicon Carbide (SiC) Products available in TO-247, TO-263, TO-268, TO-220 and SOT-227 packages.

Pre and Post Change Summary:

	Pre Change	Post Change
Top Mark	See attached photos for the pre and post comparison	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by standardizing the top marking as part of the integration of Microsemi and Microchip.

Change Implementation Status:In Progress

Estimated First Ship Date:March 31, 2023 (date code: 2313)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	February 2023				March 2023				
Workweek	5	6	7	8	9	10	11	12	13
Final PCN Issue Date				x					
Estimated Implementation Date									x

Method to Identify Change: Traceability Code, Top Marking

Qualification Report:Not Applicable

Revision History:February 22, 2023: Issued final notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

PCN_RMES-21XLMM744_Pre and Post Change_Summary.pdf

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

MSC2X21DC120J
MSC010SDA070B
MSC010SDA070BCT
MSC010SDA070K
MSC010SDA070S
MSC010SDA120B
MSC010SDA120BVAO
MSC010SDA120K
MSC010SDA120KVAO
MSC010SDA170B
MSC015SDA120B
MSC015SDA120KVAO
MSC015SDA120BVAO
MSC015SDA120K
MSC2X61DC120J
MSC015SMA070B
MSC015SMA070B4
MSC015SMA070S
MSC017SMA120B
MSC017SMA120B4
MSC017SMA120J
MSC017SMA120S
MSC020SDA120B
MSC020SDA120BVAO
MSC020SDA120K
MSC020SDA120KVAO
MSC020SDA120S
MSC025SMA120B
MSC025SMA120B4
MSC025SMA120J
MSC025SMA120S
MSC030SDA070B
MSC030SDA070BCT
MSC030SDA070K
MSC030SDA070S
MSC030SDA120B
MSC030SDA120BCT
MSC030SDA120BVAO
MSC030SDA120K
MSC030SDA120KVAO
MSC030SDA120S
MSC030SDA170B
MSC030SDA330B
MSC035SMA070B
MSC035SMA070B4
MSC035SMA070S

MSC035SMA170B
MSC035SMA170B4
MSC035SMA170S
MSC040SMA120B
MSC040SMA120B4
MSC040SMA120J
MSC040SMA120S
MSC040SMA120S/TR
MSC050SDA070B
MSC050SDA070BCT
MSC050SDA070S
MSC050SDA120B
MSC050SDA120BCT
MSC050SDA120BVAO
MSC050SDA120S
MSC050SDA170B
MSC060SMA070B
MSC060SMA070B4
MSC060SMA070S
MSC080SMA120B
MSC080SMA120B4
MSC080SMA120J
MSC080SMA120S
MSC080SMA330B4
MSC090SDA330B2
MSC090SMA070B
MSC090SMA070S
MSC180SMA120B
MSC180SMA120S
MSC2X100SDA070J
MSC2X100SDA120J
MSC2X101SDA070J
MSC2X101SDA120J
MSC2X30SDA070J
MSC2X30SDA120J
MSC2X30SDA170J
MSC2X31SDA070J
MSC2X31SDA120J
MSC2X31SDA170J
MSC2X50SDA070J
MSC2X50SDA120J
MSC2X50SDA170J
MSC2X51SDA070J
MSC2X51SDA120J
MSC2X51SDA170J
MSC360SMA120B
MSC360SMA120S
MSC400SMA330B4
MSC750SMA170B

MSC750SMA170B4

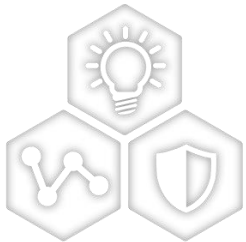
MSC750SMA170S

MSC750SMA170SA

CCB 6131
Pre and Post Change Summary
PCN #: RMES-21XLMM744



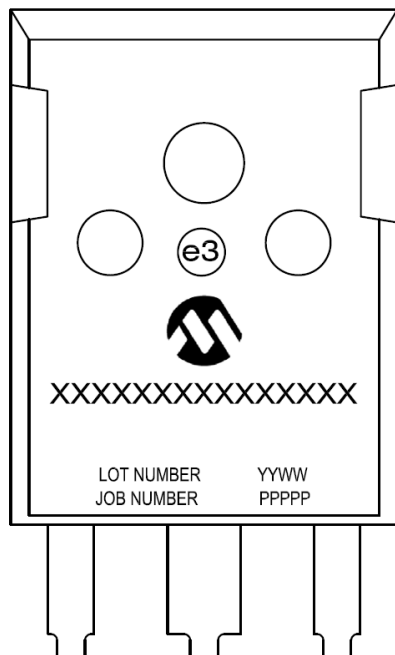
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TOP MARKING CHANGE (TO-247)

Pre Change



RoHS Symbol (e3)

XXX = Finished Goods Part Number

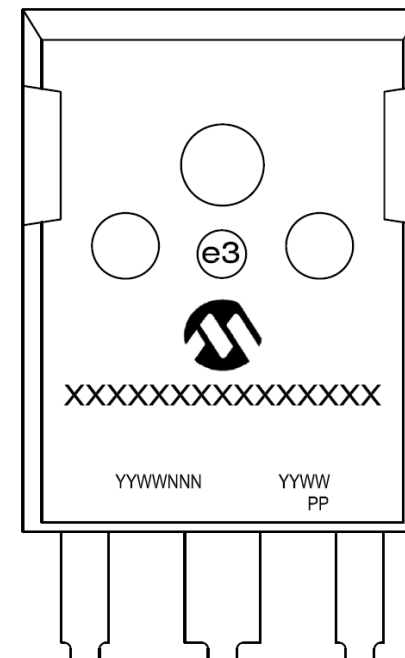
PPP = Country of Origin (PHIL-F or PHILIPPINES)

Lot Number = Fab Lot

Job Number = Internal tracking #

Date Code = YYWW

Post Change



RoHS Symbol (e3)

XXX = Finished Goods Part Number

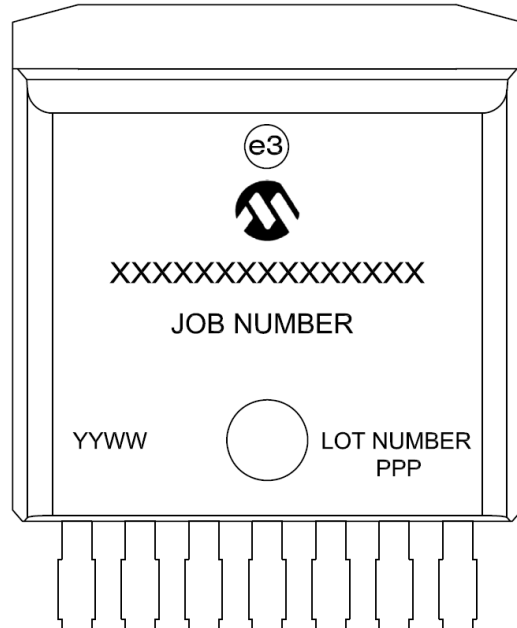
PP = Country of Origin (ISO Alpha-2 digit)

Trace Code = YYWWNNN

Date Code = YYWW

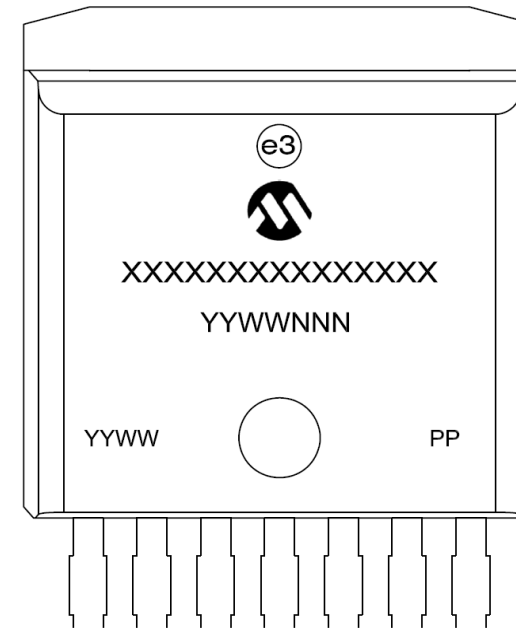
TOP MARKING CHANGE (TO-263)

Pre Change



RoHS Symbol (e3)
XXX = Finished Goods Part Number
PPP = Country of Origin (PHIL-F or PHILIPPINES)
Lot Number = Fab Lot
Job Number = Internal tracking #
Date Code = YYWW

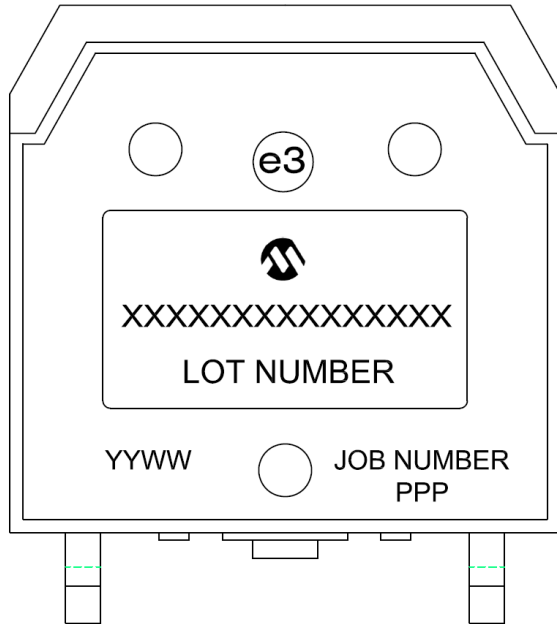
Post Change



RoHS Symbol (e3)
XXX = Finished Goods Part Number
PP = Country of Origin (ISO Alpha-2 digit)
Trace Code = YYWWNNN
Date Code = YYWW

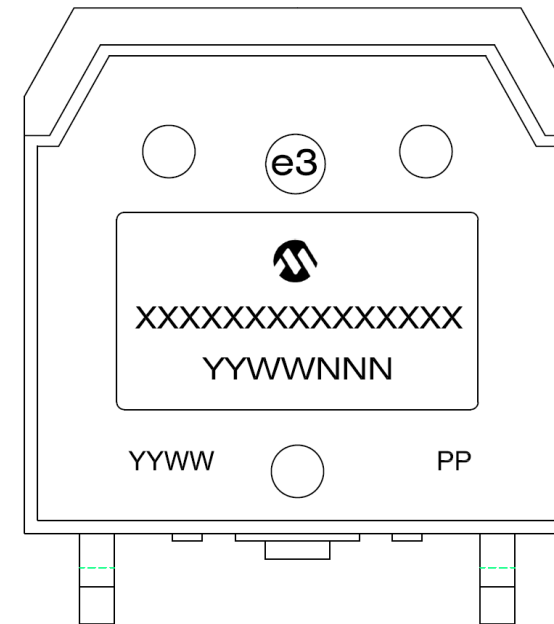
TOP MARKING CHANGE (TO-268)

Pre Change



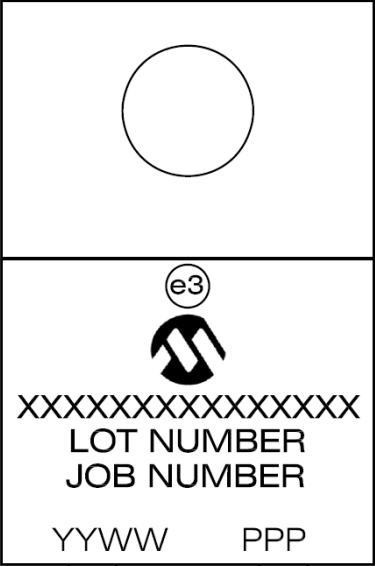
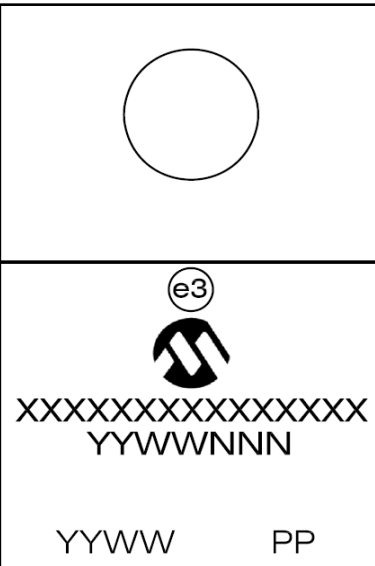
RoHS Symbol (e3)
XXX = Finished Goods Part Number
PPP = Country of Origin (PHIL-F or PHILIPPINES)
Lot Number = Fab Lot
Job Number = Internal tracking #
Date Code = YYWW

Post Change

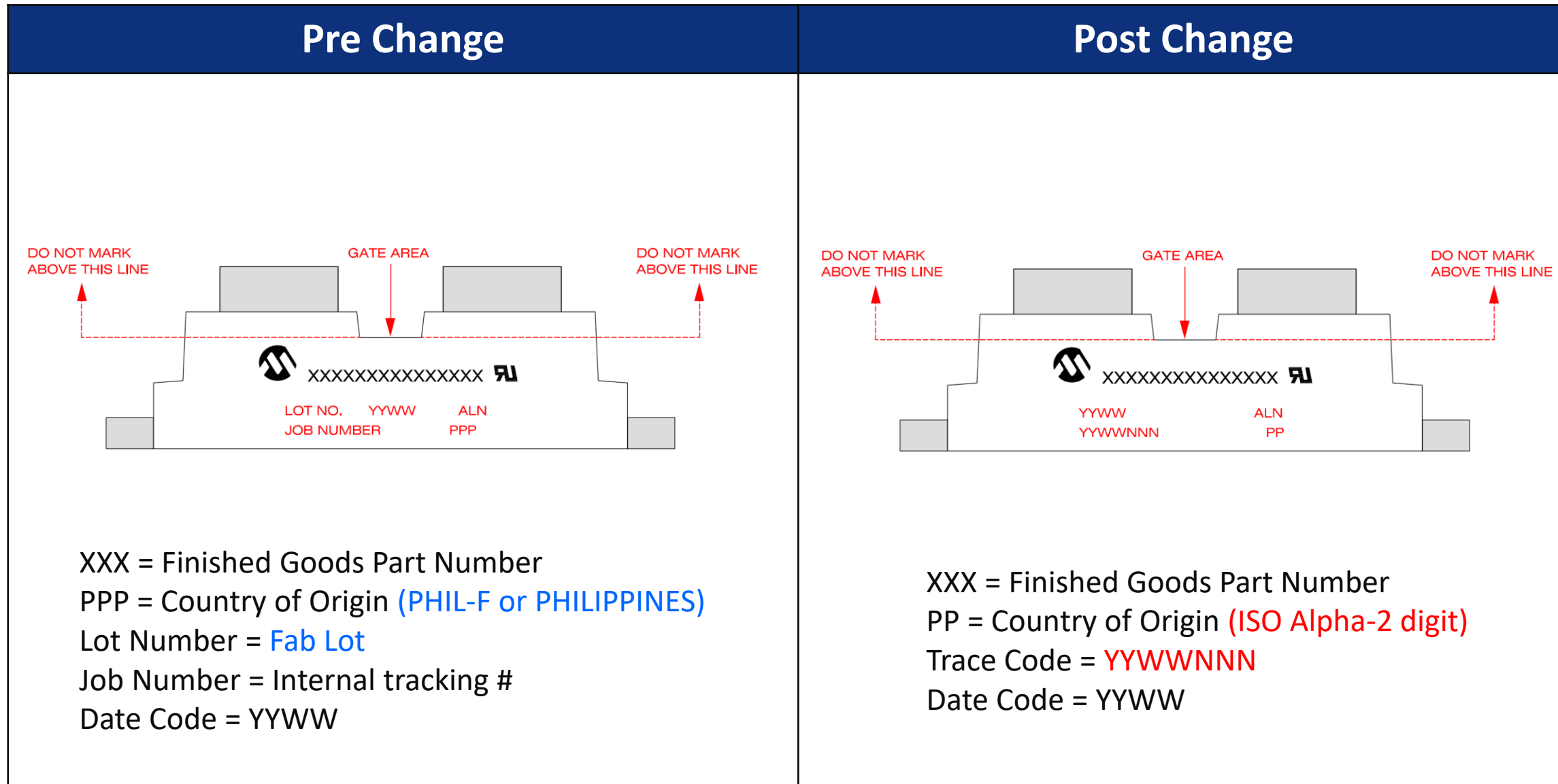


RoHS Symbol (e3)
XXX = Finished Goods Part Number
PP = Country of Origin (ISO Alpha-2 digit)
Trace Code = YYWWNNN
Date Code = YYWW

TOP MARKING CHANGE (TO-220)

Pre Change	Post Change
 <p data-bbox="259 976 1177 1305">RoHS Symbol (e3) XXX = Finished Goods Part Number PPP = Country of Origin (PHIL-F or PHILIPPINES) Lot Number = Fab Lot Job Number = Internal tracking # Date Code = YYWW</p>	 <p data-bbox="1452 1005 2247 1276">RoHS Symbol (e3) XXX = Finished Goods Part Number PP = Country of Origin (ISO Alpha-2 digit) Trace Code = YYWWNNN Date Code = YYWW</p>

TOP MARKING CHANGE (SOT-227)



TOP MARKING CHANGE (SOT-227)

