



Product Change Notification / MFOL-16RWLS294

Date:

21-Jun-2022

Product Category:

Microprocessors

PCN Type:

Manufacturing Change

Notification Subject:

eSign# E000114850 Final Notice: Qualification of MCSO (Microchip -Fab 5) as a new fabrication site for Die # 2 of components DSC6003HI2B-024.0000T (Y2) and DSC6102HI2B-025.0000T (Y3) for modules ATSAMA5D27-WLSOM1 and ATSAMA5D27-WLSOM21 available in 188L Module (40.8x40.8x3.3mm) package assembled at MMT assembly site.

Affected CPNs:

[MFOL-16RWLS294_Affected_CPN_06212022.pdf](#)
[MFOL-16RWLS294_Affected_CPN_06212022.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:Qualification of MCSO (Microchip -Fab 5) as a new fabrication site for Die # 2 of components DSC6003HI2B-024.0000T (Y2) and DSC6102HI2B-025.0000T (Y3) for modules ATSAMA5D27-WLSOM1 and ATSAMA5D27-WLSOM21 available in 188L Module (40.8x40.8x3.3mm) package assembled at MMT assembly site.

Pre and Post Change Summary:

			Pre-Change	Post Change	
Fabrication Supplier and Location Component Y2	DSC6003HI2B-024.0000T	Die # 1	Global Foundries, Singapore-Fab 7 (GF07)	No Change	
		Die # 2	Silex Microsystems (SM01)	Microchip Technology Colorado – Fab 5 (MCSO)	
Fabrication Supplier and Location Component Y3	DSC6102HI2B-025.0000T	Die # 1	Global Foundries, Singapore-Fab 7 (GF07)	No Change	
		Die # 2	Silex Microsystems (SM01)	Microchip Technology Colorado – Fab 5 (MCSO)	
Wafer Diameter		Die # 1	12 inches	12 inches	
		Die # 2	6 inches	6 inches	
Quality Certification for Die1		ISO41001/ IATF16949		No Change	
Quality Certification for Die2		ISO9001		ISO9001/ ISO41001/ IATF16949	

Note: Please see attached pre and post change comparison for Components Y2 and Y3 Location

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying a second fabrication source at Microchip Technology Colorado - Fab 5 site.

Change Implementation Status:In Progress

Estimated First Ship Date:July 30, 2022 (date code: 2231)

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

Time Table Summary:

	June 2022					July 2022			
	Workweek	23	24	25	26	27	28	29	31
Qual Report Availability				X					
Final PCN Issue Date				X					
Estimated Implementation Date							X		

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:June 21, 2022: 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_MFOL-16RWLS294_PRE AND POST CHANGE SUMMARY.pdf](#)

[PCN_MFOL-16RWLS294_PACKAGE_QUAL_REPORT.pdf](#)

[PCN_MFOL-16RWLS294_PROCESS_QUAL_REPORT.pdf](#)

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

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