

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			
	024.00001	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 Die # 2			12 inches	12 inches			
			6 inches	6 inches			
Quality Certification for Die1			ISO41001/ IATF16949	No Change			
Quality Ce	ertification for Die	e2	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:

		Ju	ne 2022			July 2022			
Workweek	23	24	25	26	27	28	29	30	31
Qual Report Availability				х					
Final PCN Issue Date				Х					
Estimated Implementation Date								х	

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.

Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> 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 <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections. MFOL-16RWLS294 - 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 Catalog Part Numbers (CPN)

ATSAMA5D27-WLSOM1 ATSAMA5D27-WLSOM21