

Product Change Notification / JAON-230Q0C341

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31-May-2023

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6126 Final Notice: Qualification of United Microelectronics Corporation - Fab 8D (U08D) as new fabrication site for selected 24LC515, 24AA515, and 24FC515 device families available in 8L SOIJ (.208in) and 8L PDIP (.300in) packages.

Affected CPNs:

JAON-230QOC341_Affected_CPN_05312023.pdf JAON-230QOC341_Affected_CPN_05312023.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 United Microelectronics Corporation - Fab 8D (U08D) as new fabrication site for selected 24LC515, 24AA515, and 24FC515 device families available in 8L SOIJ (.208in) and 8L PDIP (.300in) packages.

Pre and Post Change Summary:

Pre Change	Post Change
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Fabrication Site	Die # 1: Microchip Technology Tempe – Fab 2 (TMGR)	United Microelectronics Corporation - Fab 8D				
	Die # 2: Microchip Technology Tempe	(U08D)				
	– Fab 2 (TMGR) or Microchip					
	Technology Gresham – Fab 4 (GRTM)					
Wafer Technology	Die # 1: 121k Technology	66.88k Technology				
	Die # 2: 150k Technology					
Wafer Diameter	Die # 1: 8 inches	8 inches				
	Die # 2: 8 inches					
Quality Certification	ISO-9001	ISO-9001				
	IATF16949	IATF16949				
	ISO-14001 CERTIFIED	ISO-14001 CERTIFIED				

Note: This change is from dual die to single die solution while keeping the same Catalog Part Number (CPN).

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying United Microelectronics Corporation - Fab 8D (U08D) as a new wafer fabrication site.

Change Implementation Status:In Progress

Estimated First Ship Date: July 2, 2023 (date code: 2327)

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

Time Table Summary:

January 2023						>	> May 2023						> July 2023					
Workweek	0	0	0	0	0		1	1	2	2	2		2	2	2	3	3	
	1	2	3	4	5		8	9	0	1	2		7	8	9	0	1	
Initial PCN Issue				v														
Date				Х														
Qual Report											,,							
Availability											Х							
Final PCN Issue											,,							
Date											Х							

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Estimated										
Implementation							Х			l
Date										

Method to Identify Change: Traceability code

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

Revision History: January 26, 2023: Issued initial notification.

May 31, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on July 2, 2023.

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

Attachments:

PCN_JAON-230QOC341_Qual Report 1 of 2.pdf PCN JAON-230QOC341 Qual Report 2 of 2.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 <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> 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.

JAON-23OQOC341 - CCB 6126 Final Notice: Qualification of United Microelectronics Corporation - Fab 8D (U08D) as new fabrication site for selected 24LC515, 24AA515, and 24FC515 device families available in 8L SOIJ (.208in) and 8L PDIP (.300in) packages.

Affected Catalog Part Numbers (CPN)

24LC515-I/SM

24AA515-I/SM

24LC515-I/P

24AA515-I/P

24LC515T-I/SM

24AA515T-I/SM

24FC515-I/SM

24FC515-I/P

24FC515T-I/SM

Date: Tuesday, May 30, 2023