



Product Change Notification / JAON-230QOC341

Date:

26-Jan-2023

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6126 Initial 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_01262023.pdf](#)

[JAON-230QOC341_Affected_CPN_01262023.csv](#)

Notification Text:

PCN Status:Initial 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
Fabrication Site	Die # 1: Microchip Technology Tempe – Fab 2 (TMGR)	United Microelectronics Corporation - Fab 8D (U08D)
	Die # 2: Microchip Technology Tempe – 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 Qualification Completion Date:February 2023

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	January 2023					February 2023			
Workweek	01	02	03	04	05	06	07	08	09
Initial PCN Issue Date				X					

Qual Report Availability									X	
Final PCN Issue Date									X	

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:January 26, 2023: Issued initial 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_JAON-230QOC341_Qual Plan.pdf](#)
- [PCN_JAON-230QOC341_Qual Report.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)

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