



Product Change Notification / JAON-230QOC341

Date:

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 (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 Impact:None

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 1	0 2	0 3	0 4	0 5		1 8	1 9	2 0	2 1	2 2		2 7	2 8	2 9	3 0	3 1
Initial PCN Issue Date				x													
Qual Report Availability											x						
Final PCN Issue Date											x						

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