



Product Change Notification / ALAN-22WDFU453

Date:

16-Mar-2023

Product Category:

Switching Regulators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4386.002 Final Notice: Qualification of Microchip Technology Tempe - Fab 2 (TMGR) as new fabrication site for Die#2 and Die#3 for selected MIC2851xx device families in 32L VQFN (6x6x0.9mm) package.

Affected CPNs:

[ALAN-22WDFU453_Affected_CPN_03162023.pdf](#)

[ALAN-22WDFU453_Affected_CPN_03162023.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 Microchip Technology Tempe - Fab 2 (TMGR) as new fabrication site for Die#2 and Die#3 for selected MIC2851xx device families in 32L VQFN (6x6x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Fabrication Location	Die # 1	Microchip Technology Colorado (MCSO)	Microchip Technology Colorado (MCSO)
	Die # 2	MaxPower Semiconductor (MAPW)	Microchip Technology Tempe - Fab 2 (TMGR)
	Die # 3	MaxPower Semiconductor (MAPW)	Microchip Technology Tempe - Fab 2 (TMGR)
Wafer Size	Die # 1	6 inches	6 inches
	Die # 2 and Die # 3	8 inches	8 inches

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying TMGR as new fabrication site for Die#2 and Die#3.

Change Implementation Status:In Progress

Estimated First Ship Date:March 31, 2023 (date code: 2313)

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

Time Table Summary:

	September 2022					>	March 2023				
Workweek	3 6	3 7	3 8	3 9	4 0		0 9	1 0	1 1	1 2	1 3
Initial PCN Issue Date			x								
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:

September 13, 2021: Issued initial notification.

March 16, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on March 31, 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_ALAN-22WDFU453_Qual_Report.pdf](#)

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

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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)

MIC28516T-E/PHA

MIC28516T-E/PHAVAO

MIC28517T-E/PHA

MIC28517T-E/PHAVAO