Product Change Notification / MFOL-18ZKGC847

Date:

19-Sep-2023

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6383 Initial Notice: Qualification of UMC Fab 8S (U08S) an additional fabrication site for selected PIC32CM5164xx and PIC32CM2532xx device families available in various packages.

Affected CPNs:

MFOL-18ZKGC847_Affected_CPN_09192023.pdf
MFOL-18ZKGC847_Affected_CPN_09192023.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 UMC Fab 8S (U08S) an additional fabrication site for selected PIC32CM5164xx and PIC32CM2532xx device families available in various packages.

Pre and Post Change Summary:

	Pre Change	Post Change

Fabrication Site	United Microelectronics Corporation (Fab 8D) (U08D)	United Microelectronics Corporation – Fab 8N ZuZhou China (U08N)	United Microelectronics Corporation (Fab 8D) (U08D)	United Microelectronics Corporation – Fab 8N ZuZhou China (U08N)	United Microelectronics Corporation – Fab 8S Hsin-Chu Taiwan (U08S)
Quality certification	ISO-9001 IATF16949 ISO-14001	ISO-9001 IATF16949 ISO-14001	ISO-9001 IATF16949 ISO-14001	ISO-9001 IATF16949 ISO-14001	ISO-9001 IATF16949 ISO-14001
Die Size	No change	No change	No change	No change	No change
Wafer Diameter	8 inches	8 inches	8 inches	8 inches	8 inches

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying UMC Fab 8S (U08S) as an additional fabrication site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: November 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:

	September 2023					**>**	**November 2023**				
Workweek	35	36	37	38	39		44	45	46	47	48
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: September 19, 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_MFOL-18ZKGC847_Qual Plan.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)

PIC32CM5164LS60064-I/5LX-PROTO
PIC32CM5164SMT064-I/5LX
PIC32CM5164LS60100-I/PF
PIC32CM5164LS60100-I/PF-PROTO
PIC32CM5164SMT100-I/PF
PIC32CM5164LS60048-I/U5B-PROTO
PIC32CM5164SMT048-I/U5B
PIC32CM5164LS60064-I/PT-PROTO
PIC32CM5164SMT064-I/PT
PIC32CM5164LS60064T-I/5LX-PROTO
PIC32CM5164LS60100T-I/PF-PROTO
PIC32CM5164LS60048T-I/U5B-PROTO
PIC32CM5164LS60064T-I/PT-PROTO
PIC32CM2532LE00064-I/5LX
PIC32CM2532LS00064-I/5LX
PIC32CM5164LE00064-I/5LX
PIC32CM5164LS00064-I/5LX
PIC32CM2532LE00100-I/PF
PIC32CM2532LS00100-I/PF
PIC32CM5164LE00100-I/PF
PIC32CM5164LS00100-I/PF
PIC32CM5164LS00048-I/U5B
PIC32CM2532LE00048-I/U5B
PIC32CM2532LS00048-I/U5B
PIC32CM5164LE00048-I/U5B
PIC32CM2532LE00064-I/PT
PIC32CM2532LS00064-I/PT
PIC32CM5164LE00064-I/PT
PIC32CM5164LS00064-I/PT
PIC32CM5164LS00048-I/Y8X
PIC32CM2532LE00048-I/Y8X
PIC32CM2532LS00048-I/Y8X
PIC32CM5164LE00048-I/Y8X
PIC32CM2532LE00064T-I/5LX
PIC32CM2532LS00064T-I/5LX
PIC32CM5164LE00064T-I/5LX
PIC32CM5164LS00064T-I/5LX
PIC32CM2532LE00100T-I/PF
PIC32CM2532LS00100T-I/PF
PIC32CM5164LE00100T-I/PF
PIC32CM5164LS00100T-I/PF
PIC32CM5164LS00048T-I/U5B
PIC32CM2532LE00048T-I/U5B
PIC32CM2532LS00048T-I/U5B
PIC32CM5164LE00048T-I/U5B
PIC32CM2532LE00064T-I/PT

PIC32CM2532LS00064T-I/PT

PIC32CM5164LE00064T-I/PT

PIC32CM5164LS00064T-I/PT

PIC32CM5164LS00048T-I/Y8X

PIC32CM2532LE00048T-I/Y8X

PIC32CM2532LS00048T-I/Y8X

PIC32CM5164LE00048T-I/Y8X