



Product Change Notification / RMES-29FWOL613

Date:

30-Jun-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3265.002 Final Notice: Qualification of UMC Fab 8N (U08N) as an additional fabrication site for selected ATSAM20E1x, ATSAM20G1X, ATSAM20J1x and ATSAM20E14 device families available in various packages.

Affected CPNs:

[RMES-29FWOL613_Affected_CPN_06302021.pdf](#)

[RMES-29FWOL613_Affected_CPN_06302021.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 UMC Fab 8N (U08N) as an additional fabrication site for selected ATSAM20E1x, ATSAM20G1X, ATSAM20J1x and ATSAM20E14 device families available in various packages.

Pre and Post Change Summary:

	Pre Change	Post Change

Fabrication Supplier and Location	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8S Hsin-Chu Taiwan(U08S)	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8S Hsin-Chu Taiwan(U08S)	United Microelectronics Corporation – Fab 8N ZuZhou China(U08N)
Quality certification	ISO/TS16949	ISO/TS16949	ISO/TS16949	ISO/TS16949	ISO/TS16949
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 and on-time delivery performance by qualifying UMC Fab 8N (U08N) as an additional fabrication site.

Change Implementation Status: In Progress

Estimated First Ship Date:

August 01, 2021 (date code: 2132)

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

Time Table Summary:

	June 2021					>	August 2021				
	23	24	25	26	27		32	33	34	35	36
Workweek											
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:

June 30, 2021: Issued final notification. Attached is the qualification report. Provided estimated first ship date on August 01, 2021.

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

Attachments:

[PCN_RMES-29FWOL613_Qual_Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATSAMD20E16B-MZ
ATSAMD20E15B-MZ
ATSAMD20E16B-AZ
ATSAMD20E15B-AZ
ATSAMD20G16B-MZ
ATSAMD20G15B-MZ
ATSAMD20J16B-AZ
ATSAMD20J15B-AZ
ATSAMD20G16B-AZ
ATSAMD20G15B-AZ
ATSAMD20E16B-W-N01
ATSAMD20E16B-MU
ATSAMD20E15B-MU
ATSAMD20E14B-MU
ATSAMD20G16B-MU
ATSAMD20G15B-MU
ATSAMD20G14B-MU
ATSAMD20E16B-AU
ATSAMD20E15B-AU
ATSAMD20E14B-AU
ATSAMD20J16B-MU
ATSAMD20J15B-MU
ATSAMD20J14B-MU
ATSAMD20J16B-MUB7
ATSAMD20J16B-MUB8
ATSAMD20J16B-AU
ATSAMD20J15B-AU
ATSAMD20J14B-AU
ATSAMD20G16B-AU
ATSAMD20G15B-AU
ATSAMD20G14B-AU
ATSAMD20E16B-MN
ATSAMD20E14B-MN
ATSAMD20E15B-MN
ATSAMD20G16B-MN
ATSAMD20G14B-MN
ATSAMD20G15B-MN
ATSAMD20E16B-AN
ATSAMD20E14B-AN
ATSAMD20E15B-AN
ATSAMD20J16B-MN
ATSAMD20J14B-MN
ATSAMD20J15B-MN
ATSAMD20J16B-AN
ATSAMD20J14B-AN
ATSAMD20J15B-AN

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ATSAM20G16B-AN
ATSAM20G14B-AN
ATSAM20G15B-AN
ATSAM20E16B-UNT
ATSAM20E16B-MNT
ATSAM20E14B-MNT
ATSAM20E15B-MNT
ATSAM20G16B-MNT
ATSAM20G14B-MNT
ATSAM20G15B-MNT
ATSAM20E16B-ANT
ATSAM20E14B-ANT
ATSAM20E15B-ANT
ATSAM20J16B-MNT
ATSAM20J14B-MNT
ATSAM20J15B-MNT
ATSAM20J16B-ANT
ATSAM20J14B-ANT
ATSAM20J15B-ANT
ATSAM20G16B-ANT
ATSAM20G14B-ANT
ATSAM20G15B-ANT
ATSAM20E16B-UUT
ATSAM20E16B-MUT
ATSAM20E14B-MUT
ATSAM20E15B-MUT
ATSAM20E15B-MUTDY
ATSAM20E16B-MUTDY
ATSAM20G16B-MUT
ATSAM20G14B-MUT
ATSAM20G15B-MUT
ATSAM20E16B-AUT
ATSAM20E14B-AUT
ATSAM20E15B-AUT
ATSAM20J16B-MUT
ATSAM20J14B-MUT
ATSAM20J15B-MUT
ATSAM20J16B-AUT
ATSAM20J14B-AUT
ATSAM20J15B-AUT
ATSAM20G16B-AUT
ATSAM20G14B-AUT
ATSAM20G15B-AUT