



Product Change Notification / RMES-21QTKS834

Date:

26-Jan-2021

Product Category:

32-bit Microcontrollers, Interface- LIN Transceiver

PCN Type:

Manufacturing Change

Notification Subject:

CCB 3265.001 Final Notice: Qualification of UMC Fab 8N (U08N) as an additional fabrication site for various Atmel catalog part numbers.

Affected CPNs:

[RMES-21QTKS834_Affected_CPN_01262021.pdf](#)
[RMES-21QTKS834_Affected_CPN_01262021.csv](#)

Notification Text:**PCN Status:**

Final notification

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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 various Atmel catalog part numbers.

Pre Change:

Fabricated at United Microelectronics Corporation - UMC Fab 8D (U08D) or Fab 8S (U08S) site.

Post Change:Fabricated at United Microelectronics Corporation - UMC Fab 8D (U08D), Fab 8S (U08S) or Fab 8N (U08N) site.

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)
Technology	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

Pre and Post Change Summary: Applicable only for the Die#1 of ATSAMHA1ExxA, ATSAMHA1GxxA, ATSAMHA0ExxA and ATSAMHA0GxxA selected Atmel device families.

	Pre Change	Post Change	
Fabrication Supplier and Location	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8D Hsin-Chu Taiwan (U08D)	United Microelectronics Corporation – Fab 8N ZuZhou China(U08N)
Technology	ISO/TS16949	ISO/TS16949	ISO/TS16949
Die Size	No change	No change	No change
Wafer Diameter	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:

October 22, 2020 (date code: 2043)

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

Time Table Summary:

	September 2020					October 2020				
Workweek	36	37	38	39	40	41	42	43	44	
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 22, 2020: Issued final notification. Attached the qualification report and provided estimated first ship date on October 22, 2020.

January 25, 2021: Re-issued final notification to update the affected parts list and include parts that should have been part of the scope. Update the pre and post change summary table to add a note that for ATSAMHA1ExxA, ATSAMHA1GxxA, ATSAMHA0ExxA and ATSAMHA0GxxA selected Atmel device families, the change is only applicable for Die # 1.

January 26, 2021: Created a separate pre and post change summary table that is applicable only for the Die#1 of ATSAMHA1ExxA, ATSAMHA1GxxA, ATSAMHA0ExxA and ATSAMHA0GxxA selected Atmel device families.

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-21QTKS834_Qual_Report.pdf](#)

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

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