



## Product Change Notification / RMES-21QTKS834

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### 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:**

Workweek	September 2020					October 2020			
	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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Affected Catalog Part Numbers (CPN)

ATSAMD21E16B-MZ  
ATSAMD21E15B-MZ  
ATSAMD21E15B-MZVAO  
ATSAMD21E16B-AZ  
ATSAMD21E15B-AZ  
ATSAMD21G16B-MZ  
ATSAMD21G15B-MZ  
ATSAMD21J16B-MZ  
ATSAMD21J15B-MZ  
ATSAMD21J16B-AZ  
ATSAMD21J15B-AZ  
ATSAMD21J16B-AZVAO  
ATSAMD21G16B-AZ  
ATSAMD21G15B-AZ  
ATSAMD21E16B-MU  
ATSAMD21E15B-MU  
ATSAMD21E16B-MU-SLL  
ATSAMD21G16B-MU  
ATSAMD21G15B-MU  
ATSAMD21E16B-AU  
ATSAMD21E15B-AU  
ATSAMD21J16B-MU  
ATSAMD21J15B-MU  
ATSAMD21G16B-AU  
ATSAMD21G15B-AU  
ATSAMDA1E16B-MBT  
ATSAMDA1E15B-MBT  
ATSAMDA1E14B-MBT  
NI32DA14-MBT  
NI32DA16-MBT  
ATSAMDA1E16B-MBTVAO  
ATSAMD21E16L-MNTB7  
ATSAMD21E16L-MNTA7  
ATSAMD21E16L-MNT  
ATSAMD21E16L-MNTP01  
ATSAMD21E15L-MNT  
ATSAMD21G16L-MNT  
ATSAMD21G16L-MNTA7  
ATSAMD21G16L-MNTP01  
ATSAMDA1E16B-ABT  
ATSAMDA1E15B-ABT  
ATSAMDA1E14B-ABT  
ATSAMDA1E16B-ABTVAO  
ATSAMDA1E15B-ABTVAO  
ATSAMDA1G16B-MBT  
ATSAMDA1G15B-MBT

ATSAMDA1G14B-MBT  
ATSAMDA1G16B-MBTVAO  
ATSAMDA1J16B-ABTVAO  
ATSAMDA1G16B-ABT  
ATSAMDA1G15B-ABT  
ATSAMDA1G14B-ABT  
ATSAMDA1G16B-ABTV08  
ATSAMDA1G16B-ABTVAO  
ATSAMDA1G15B-ABTVAO  
ATSAMD21J16B-CUT  
ATSAMD21J15B-CUT  
ATSAMD21E16C-UUTB4  
ATSAMD21E16C-UUT  
ATSAMD21E15C-UUT  
ATSAMD21E16B-MUT  
ATSAMD21E15B-MUT  
ATSAMD21E16B-MUT-SLL  
ATSAMD21G16B-MUT  
ATSAMD21G15B-MUT  
ATSAMD21G16L-MUT  
ATSAMD21G16L-MUTN01  
ATSAMD21E16B-AUT  
ATSAMD21E15B-AUT  
ATSAMD21J16B-MUT  
ATSAMD21J15B-MUT  
ATSAMD21G16B-AUT  
ATSAMD21G15B-AUT  
ATSAMD21E15B-MZT  
ATSAMD21E16B-MZT  
ATSAMD21E15B-MZTVAO  
ATSAMD21E16B-MZTVAO  
ATSAMD21E16B-AZT  
ATSAMD21E15B-AZT  
ATSAMD21G15B-MZT  
ATSAMD21G16B-MZT  
ATSAMD21G15B-MZTVAO  
ATSAMD21G16B-MZTVAO  
ATSAMD21J16B-MZT  
ATSAMD21J15B-MZT  
ATSAMD21J16B-AZT  
ATSAMD21J15B-AZT  
ATSAMD21G16B-AZT  
ATSAMD21G15B-AZT  
ATSAMHA1E16A-MBT-B510  
ATSAMHA1E15A-MBT-B510  
ATSAMHA1E14A-MBT-B510  
ATSAMHA1E16A-MBT-BVAO  
ATSAMHA1E15A-MBT-BVAO  
ATSAMHA1E14A-MBT-BVAO

ATSAMHA1G16A-MBT-BVAO  
ATSAMHA1G15A-MBT-BVAO  
ATSAMHA1G14A-MBT-BVAO  
ATSAMHA0E16A-MZT-BVAO  
ATSAMHA0E15A-MZT-BVAO  
ATSAMHA0E14A-MZT-BVAO  
ATSAMHA0G16A-MZT-BVAO  
ATSAMHA0G15A-MZT-BVAO  
ATSAMHA0G14A-MZT-BVAO