



## Product Change Notification / GBNG-28BFRL552

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### Date:

02-Aug-2022

### Product Category:

Memory

### PCN Type:

Manufacturing Change

### Notification Subject:

eSign # E000123575 Final Notice: Qualification of UMC Fab 8D as an additional fabrication site for selected 24FC256, 24AA256 and 24LC256 device families available in 8L DFN-S (6x5x0.9mm), MSOP (3x3mm), PDIP (.300in), SOIC (3.90mm), SOIJ (.208in), TDFN (2x3x0.8mm), TSSOP (4.4mm) packages.

### Affected CPNs:

[GBNG-28BFRL552\\_Affected\\_CPN\\_08022022.pdf](#)

[GBNG-28BFRL552\\_Affected\\_CPN\\_08022022.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 8D as an additional fabrication site for selected 24FC256, 24AA256 and 24LC256 device families available in 8L DFN-S (6x5x0.9mm), MSOP (3x3mm), PDIP (.300in), SOIC (3.90mm), SOIJ (.208in), TDFN (2x3x0.8mm), TSSOP (4.4mm) packages.

### Pre and Post Change Summary:

	Pre Change			Post Change		
Fabrication Site	Microchip Technology Tempe – Fab 2 (TMGR) and Microchip Technology Gresham – Fab 4 (GRTM)	Key Foundry Co., Ltd (MC04)	Microchip Technology Tempe – Fab 2 (TMGR) and Microchip Technology Gresham – Fab 4 (GRTM)	Key Foundry Co., Ltd (MC04)	United Microelectronics Corporation (Fab 8D) (U08D)	
Wafer Diameter	8 inches (200 mm)	8 inches (200 mm)	8 inches (200 mm)	8 inches (200 mm)	8 inches (200 mm)	
Certifications	ISO/TS16949	ISO/TS16949	ISO/TS16949	ISO/TS16949	ISO/TS16949	

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying UMC Fab 8D as an additional fabrication site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**September 19, 2022 (date code: 2239)

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

**Time Table Summary:**

	August 2022					September 2022			
Workweek	3 2	3 3	3 4	3 5	3 6	3 7	3 8	3 9	4 0
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:**August 02, 2022: Issued final 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\\_GBNG-28BFRL552\\_Qual\\_Report.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)

24LC256-E/MS  
24AA256-E/MS  
24LC256-E/MF  
24AA256-E/MF  
24LC256-E/SN  
24AA256-E/SN  
24FC256-E/SN  
24LC256-E/SM  
24AA256-E/SM  
24LC256-E/P  
24AA256-E/P  
24LC256-E/ST  
24AA256-E/ST  
24FC256-E/ST  
24LC256-I/MS  
24AA256-I/MS  
24FC256-I/MS  
24LC256-I/MF  
24AA256-I/MF  
24FC256-I/MF  
24LC256-I/SN  
24AA256-I/SN  
24FC256-I/SN  
24LC256-I/SM  
24AA256-I/SM  
24FC256-I/SM  
24LC256-I/P  
24AA256-I/P  
24FC256-I/P  
24LC256-I/ST  
24AA256-I/ST  
24FC256-I/ST  
24LC256T-I/MS  
24AA256T-I/MS  
24FC256T-I/MS  
24LC256T-I/MF  
24AA256T-I/MF  
24FC256T-I/MF  
24LC256T-I/SN  
24AA256T-I/SN  
24FC256T-I/SN  
24LC256T-I/SM  
24AA256T-I/SM  
24FC256T-I/SM  
24LC256T-I/ST  
24AA256T-I/ST

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24FC256T-I/ST

24LC256T-E/MS

24AA256T-E/MS

24LC256T-E/MF

24AA256T-E/MF

24LC256T-E/SN

24AA256T-E/SN

24FC256T-E/SN

24LC256T-E/SM

24AA256T-E/SM

24LC256T-E/ST

24AA256T-E/ST

24FC256T-E/ST

24LC256T-I/MNY

24AA256T-I/MNY

24FC256T-I/MNY

24LC256T-E/MNY

24AA256T-E/MNY