



## Product Change Notification / MFOL-26MHXH143

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### Date:

14-Feb-2024

### Product Category:

General Purpose Fpgas, System On Chip Fpgas

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 6513 Final Notice: Qualification of ARDE as an additional final test site for M2S005x and M2GL005x device families available in 256L LFBGA (14x14x1.56mm) package.

### Affected CPNs:

[MFOL-26MHXH143\\_Affected\\_CPN\\_02142024.pdf](#)  
[MFOL-26MHXH143\\_Affected\\_CPN\\_02142024.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 ARDE as an additional final test site for M2S005x and M2GL005x device families available in 256L LFBGA (14x14x1.56mm) package.

### Pre and Post Change Summary:

	Pre Change	Post Change	
Final Test Site	MSCSJ San Jose,	MSCSJ San Jose,	Ardentec

		California (MSCS)	California (MSCS)	Corporation (Final Test) (ARDE)
Pin 1 Orientation		See pre and post change for comparison.		
Base Multiple Quantity (BQM)		1	1	1
Tray	Dimension	No dimensional change. See pre and post change for comparison.		
	Color	Black	Black	Black
Packing Method		See pre and post change for comparison.		

**Impacts to Data Sheet:**None

**Change Impact**None

**Reason for Change:**To improve on-time delivery performance by qualifying ARDE as an additional final test site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**February 29, 2024 (date code: 2409)

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

**Time Table Summary:**

	September 2023					>	February 2024				
Workweek	3 5	3 6	3 7	3 8	3 9		5	6	7	8	9
Initial PCN Issue Date					x						
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 27, 2023: Issued initial notification.

February 14, 2024: Issued final notification. Attached the Qualification Report. Updated affected parts list. Provided estimated first ship date to be on February 29, 2024.

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-26MHXH143\\_Pre\\_and\\_Post\\_Change\\_Summary.pdf](#)  
[PCN\\_MFOL-26MHXH143\\_Qual\\_Report.pdf](#)

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

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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)

M2S005S-VF256X416  
M2S005-VF256X416  
M2S005-VF256X456  
M2GL005-VF256IX417  
M2GL005-VF256X456  
M2GL005-VF256I  
M2GL005S-1VF256I  
M2GL005S-1VF256  
M2GL005S-VF256I  
M2GL005S-VF256  
M2S005-1VF256I  
M2GL005-VF256  
M2S005-VF256  
M2S005-1VF256  
M2S005-VF256I  
M2GL005-1VF256I  
M2GL005-1VF256  
M2S005S-1VF256I  
M2S005S-1VF256  
M2S005S-VF256I  
M2S005S-VF256  
M2S005-VFG256IZ049  
M2GL005-VFG256  
M2GL005-VFG256I  
M2S005S-VFG256IX416  
M2S005S-VFG256X416  
M2S005-VFG256IX416  
M2S005-VFG256X416  
M2S005-VFG256X456  
M2S005-VFG256X486  
M2GL005-VFG256IX417  
M2GL005-VFG256IX546  
M2GL005-VFG256X416  
M2GL005-VFG256X456  
M2GL005-VFG256Q134  
M2S005-VFG256  
M2GL005S-VFG256I  
M2GL005S-VFG256  
M2S005-1VFG256I  
M2S005-1VFG256  
M2S005S-VFG256I  
M2S005S-1VFG256T2  
M2S005-VFG256I  
M2S005S-1VFG256I  
M2S005S-1VFG256  
M2S005S-VFG256

M2GL005-1VFG256I

M2GL005-1VFG256

M2GL005S-1VFG256I

M2GL005S-1VFG256

M2GL005S-1VFG256T2