



## Product Change Notification / KSRA-23AGSP046

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### Date:

04-Mar-2021

### Product Category:

Memory

### PCN Type:

Manufacturing Change

### Notification Subject:

Memolog # ML0220210049 Final Notice: Qualification of 66.88K process technology for selected Microchip products of the 24AA512, 24FC512 and 24LC512 device families.

### Affected CPNs:

[KSRA-23AGSP046\\_Affected\\_CPN\\_03042021.pdf](#)  
[KSRA-23AGSP046\\_Affected\\_CPN\\_03042021.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 66.88K process technology for selected Microchip products of the 24AA512, 24FC512 and 24LC512 device families.

### Pre and Post Change Summary:

	Pre Change		Post Change
<b>Wafer Technology</b>	160K wafer technology	160K wafer technology	66.88K wafer technology
<b>Fabrication Location</b>	Microchip Fabrication	Microchip Fabrication Sites	UMC Fab 8D (Hsin-Chu,

	Sites FAB 2 and FAB4 (Tempe, AZ and Gresham, OR, USA)	FAB 2 and FAB4 (Tempe, AZ and Gresham, OR, USA)	Taiwan)
<b>Wafer Diameter</b>	<b>8 inches (200 mm)</b>	<b>8 inches (200 mm)</b>	<b>8 inches (200 mm)</b>
<b>Quality certification</b>	<b>ISO/TS16949</b>	<b>ISO/TS16949</b>	<b>ISO/TS16949</b>

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying an additional fabrication site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**

April 19, 2021 (date code: 2117)

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

**Time Table Summary:**

Workweek	March 2021					→	April 2021				
	10	11	12	13	14		14	15	16	17	18
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:March 04, 2021:** Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on April 19, 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\\_KSRA-23AGSP046\\_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)

24AA512-I/MF  
24AA512-I/P  
24AA512-I/SM  
24AA512-I/SN  
24AA512-I/ST  
24AA512T-I/MF  
24AA512T-I/SM  
24AA512T-I/SN  
24AA512T-I/ST  
24FC512-I/MF  
24FC512-I/P  
24FC512-I/SM  
24FC512-I/SN  
24FC512-I/ST  
24FC512T-I/SM  
24FC512T-I/SN  
24FC512T-I/ST  
24LC512-E/MF  
24LC512-E/P  
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24LC512T-I/SM  
24LC512T-I/SN  
24LC512T-I/ST  
24FC512T-I/MF