



## Product Change Notification / ASER-05IJPW824

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**Date:**

28-Sep-2021

**Product Category:**

Memory

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 4556 Final Notice: Qualification of SIGN as a new assembly site for selected SST39V320xx and SST38VF640xx device families available in 48L TSOP (12x20mm) package.

**Affected CPNs:**

[ASER-05IJPW824\\_Affected\\_CPN\\_09282021.pdf](#)

[ASER-05IJPW824\\_Affected\\_CPN\\_09282021.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 SIGN as a new assembly site for selected SST39V320xx and SST38VF640xx device families available in 48L TSOP (12x20mm) package.

**Pre Change:**Assembled at LPI assembly site

**Post Change:**Assembled at SIGN assembly site

**Pre and Post Change Summary:**

	Pre Change	Post Change
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<b>Assembly Site</b>	Lingsen Precision Industries, LTD. (LPI)		Signetics Corporation (SIGN)
<b>Wire material</b>	Au		Au
<b>Die attach material</b>	8340		AP-4300
<b>Molding compound material</b>	G700		G700
<b>Lead frame material</b>	C7025		C7025
	See Pre and Post Change comparison attachment.		
<b>Lead frame paddle size</b>	207 x 142 mils	183 x 161 mils	209 x 165 mils
<b>Lead frame DAP surface prep</b>	Ring /Selective Plating	Ring /Selective Plating	Ring /Selective Plating

**Impacts to Data Sheet:** None

**Change Impact:**None

**Reason for Change:**To improve manufacturability by qualifying SIGN as a new assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**

October 15, 2021 (date code: 2142)

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

**Time Table Summary:**

Workweek	February 2021				-->	September 2021					October 2021			
	6	7	8	9		36	37	38	39	40	41	42	43	44
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:****February 12, 2021:** Issued initial notification.**March 30, 2021:** Reissued initial notification. Changed die attach to improve performance and workability**March 31, 2021:** Reissued initial notification. Updated qual plan to reflect change in die attach.**September 27, 2021:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on October 15, 2021. Updated the lead frame DAP surface prep to Ring /Selective Plating in the pre and post change summary table for both LPI and SIGN assembly site.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content

of the applicable products.

## **Attachments:**

[PCN\\_ASER-05IJPW824\\_Pre and Post Change Summary.pdf](#)

[PCN\\_ASER-05IJPW824\\_Qual Report.pdf](#)

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

## **Terms and Conditions:**

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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)

SST39VF3201C-70-4I-EKE  
SST39VF3202C-70-4I-EKE  
SST39VF3201C-70-4I-EKE-REL  
SST39VF3201C-70-4I-EKE-T  
SST39VF3202C-70-4I-EKE-T  
SST38VF6401B-70I/TV-100  
SST38VF6401B-70I/TV-101  
SST38VF6401B-70I/TV  
SST38VF6402B-70I/TV  
SST38VF6403B-70I/TV  
SST38VF6404B-70I/TV  
SST38VF6401BT-70I/TV  
SST38VF6402BT-70I/TV  
SST38VF6403BT-70I/TV  
SST38VF6404BT-70I/TV