



Product Change Notification / JAON-17DZYV010

Date:

01-Oct-2021

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4560 Final Notice: Qualification of SIGN as a new assembly site for selected SST39LF80xx, SST39VF160xx and SST39VF80xx device families available in 48L TSOP (12x20mm) package.

Affected CPNs:

[JAON-17DZYV010_Affected_CPN_10012021.pdf](#)

[JAON-17DZYV010_Affected_CPN_10012021.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 SST39LF80xx, SST39VF160xx and SST39VF80xx device families available in 48L TSOP (12x20mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change

Assembly Site	Lingsen Precision Industries, LTD. (LPI)		Signetics Corporation (SIGN)	
Bond Wire material	Au		Au	
Die Attach material	8340		AP-4300	
Mold compound material	G700		G700	
Lead frame material	C7025		C7025	
DAP Surface plating	Ring /Selective Plating		Ring /Selective Plating	
Lead frame paddle size	207x142mils Note 1	160x130mils Note 2	209x165mils Note 1	159x165mils Note 2
	See attached pre and post change comparison.			

Note 1: Applicable for SST39VF160xx device family.

Note 2: Applicable for SST39LF80xx and SST39VF80xx device families

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve on-time delivery performance by qualifying SIGN as a new assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:October 31, 2021 (date code: 2145)

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

Time Table Summary:

	February 2021					>	October 2021					
Workweek	0	0	0	0	1		4	4	4	4	4	4
	6	7	8	9	0		0	1	2	3	4	5
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 19, 2021: Issued initial notification.

April 08, 2021: Re-issued initial notification to update the pre and post comparison table to modify SIGN die attach material from 8340 to AP-4300. Updated LPI DAP surface plating from Ring plating to Ring /Selective plating and updated SIGN DAP surface plating from Double ring plating to Ring /Selective plating. Updated the Qual plan summary to modify SIGN die attach material from 8340 to AP-4300 and to modify SIGN DAP surface plating from Double ring plating to Ring /Selective plating.

October 1, 2021: 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_JAON-17DZYV010_Qual Report.pdf](#)
- [PCN_JAON-17DZYV010_Pre and Post Change_Summary.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

SST39VF1601C-70-4C-EKE
SST39VF1602C-70-4C-EKE
SST39VF1601C-70-4I-EKE
SST39VF1602C-70-4I-EKE
SST39VF1602C-70-4I-EKE-MCK
SST39VF1601C-70-4C-EKE-T
SST39VF1602C-70-4C-EKE-T
SST39VF1601C-70-4I-EKE-T
SST39VF1602C-70-4I-EKE-T
SST39LF801C-55-4C-EKE
SST39LF802C-55-4C-EKE
SST39VF801C-70-4C-EKE
SST39VF802C-70-4C-EKE
SST39VF801C-70-4I-EKE
SST39VF802C-70-4I-EKE
SST39LF801C-55-4C-EKE-T
SST39LF802C-55-4C-EKE-T
SST39VF801C-70-4C-EKE-T
SST39VF802C-70-4C-EKE-T
SST39VF801C-70-4I-EKE-T
SST39VF802C-70-4I-EKE-T