

Date:

30-Sep-2021

Memory

Pre Change:

Product Category:

Product Change Notification / KSRA-18BGHS695

PCN Type:
Manufacturing Change
Notification Subject:
CCB 4559 Final Notice: Qualification of SIGN as a new assembly site for selected SST39LFxxxx and SST39VFxxxx device families available in 48L TSOP (12x20mm) package.
Affected CPNs:
KSRA-18BGHS695_Affected_CPN_09302021.pdf KSRA-18BGHS695_Affected_CPN_09302021.csv
Notification Text:
PCN Status: Final notification
PCN Type: Manufacturing Change
Microchip Parts Affected: Please open one of the icons 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 SST39LFxx and SST39VFxx device families available in 48L TSOP (12x20mm) package.

Assembled at LPI using 8340 die attach material and lead frame with paddle size 207x142mils, 183x161mils or 160x130mils.

Post Change:

Assembled at SIGN using AP-4300 die attach material and lead frame with paddle size 209x165mils or 159x165mils

Pre and Post Change Summary:

		Pre Change		Post Change							
Assembly Site	Lingsen Pro	ecision Industries	s, 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 Prep		Ring/Selective		Ring/Selective							
Load frame noddle size	207x142mils	183x161mils	160x130mils	209x165mils 159x165mils							
Lead frame paddle size		See a	ittached pre and	post change comparison							

Impacts to Data Sheet:

None

Change Impact:

None

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:

		Febr	uary	2021		>	September 2021					October 2021					
Workweek	06	07	08	09	10		36	37	38	39	40	41	42	43	44	45	
Initial PCN Issue Date				Х													
Qual Report Availability											Χ						
Final PCN Issue Date											Χ						

Estimated								
Implementation Date								Х

Method to Identify Change:

Traceability code

Qualification Report:

Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:

February 23, 2021: Issued initial notification.

April 14, 2021: Re-issued initial notification to change die attach material to AP-4300 in pre and post change and qual plan. **September 30, 2021:** Issued final notification. **Updated the lead frame DAP Surface Prep pre and post change to Ring/Selective.** Attached the qualification report. Provided estimated first ship date to be on October 31, 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-18BGHS695_Qual_Report.pdf PCN_KSRA-18BGHS695_Pre and Post Change_Summary.pdf

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

Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

SST39LF400A-55-4C-EKE

SST39VF400A-70-4C-EKE

SST39VF400A-70-4I-EKE

SST39LF400A-55-4C-EKE-T

SST39VF400A-70-4C-EKE-T

SST39VF400A-70-4I-EKE-T

SST39LF800A-55-4C-EKE

SST39VF800A-70-4C-EKE

SST39VF800A-70-4I-EKE

SST39VF800A-70-4I-EKE-TZ009

SST39VF800A-70-4C-EKE-T

SST39VF800A-70-4I-EKE-T

SST39VF1601-70-4C-EKE

SST39VF1602-70-4C-EKE

SST39VF1681-70-4C-EKE

SST39VF1682-70-4C-EKE

SST39VF1601-70-4C-EKE-PP013

SST39VF1601-70-4I-EKE

SST39VF1602-70-4I-EKE

SST39VF1681-70-4I-EKE

SST39VF1682-70-4I-EKE

SST39VF1601-70-4I-EKE-TZ009

SST39VF1601-70-4C-EKE-T

SST39VF1602-70-4C-EKE-T

SST39VF1681-70-4C-EKE-T

SST39VF1682-70-4C-EKE-T

SST39VF1601-70-4I-EKE-T

SST39VF1602-70-4I-EKE-T

SST39VF1681-70-4I-EKE-T

SST39LF200A-55-4C-EKE

SST39VF200A-70-4C-EKE SST39VF200A-70-4I-EKE

SST39LF200A-55-4C-EKE-T

SST39VF200A-70-4C-EKE-T

SST39VF200A-70-4I-EKE-T

SST39VF3201B-70-4C-EKE

SST39VF3202B-70-4C-EKE

SST39VF3201B-70-4I-EKE

SST39VF3202B-70-4I-EKE

SST39VF3201B-70-4I-EKE-MCL

SST39VF3202B-70-4I-EKE-MCM

SST39VF3201B-70-4I-EKE-T

Date: Thursday, September 30, 2021