



Product Change Notification / KSRA-18BGHS695

Date:

23-Feb-2021

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4559 Initial 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_02232021.pdf](#)
[KSRA-18BGHS695_Affected_CPN_02232021.csv](#)

Notification Text:

PCN Status: Initial notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the icons found in the Affected CPNs section above.

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.

Pre Change:

Assembled at LPI using lead frame with paddle size 207x142mils, 183x161mils or 160x130mils.

Post Change:

Assembled at SIGN using lead frame with paddle size 209x165mils or 159x165mils

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			8340	
Mold compound material	G700			G700	
Lead frame material	C7025			C7025	
DAP Surface plating	Ring plating			Double ring plating	
Lead frame paddle size	207x142mils	183x161mils	160x130mils	209x165mils	159x165mils
	See attached 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 or complete**Estimated Qualification Completion Date:**August 2021

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	February 2021					-->	August 2021				
Workweek	06	07	08	09	10		32	33	34	35	36
Initial PCN Issue Date				X							
Qual Report Availability								X			
Final PCN Issue Date								X			

Method to Identify Change: Traceability code**Qualification Plan:**Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.**Revision History:**February 23, 2021: Issued initial 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_KSRA-18BGHS695_Pre and Post Change_Summary.pdf](#)

[PCN_KSRA-18BGHS695_Qual_Plan.pdf](#)

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

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