

**Product Change Notification - GBNG-17JHCL139**


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**Date:**

30 Jan 2020

**Product Category:**

Broadband Gateway

**Affected CPNs:**

**Notification subject:**

CCB 3893.004 and 3893.005 Final Notice: Qualification of an additional fabrication site (Microchip – Fab 5) for Die # 2 of selected Microsemi LCLD LE9642xx and LE9652xx device families available in 48L, 53L, 56L and 64L VQFN packages.

**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 above.

**Note:** For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:**

Qualification of an additional fabrication site (Microchip - Fab 5) for Die # 2 of selected Microsemi LCLD LE9642xx and LE9652xx device families available in 48L, 53L, 56L and 64L VQFN packages.

**Pre Change:**

Die # 2 Fabricated at Global Foundries, Singapore - Fab 2 site

**Post Change:**

Die # 2 fabricated at Global Foundries, Singapore - Fab 2 or Microchip Technology Colorado - Fab 5 site.

**Pre and Post Change Summary:**

		Pre Change	Post Change	
Fabrication Supplier and Location	Die # 1	Global Foundries, Singapore - Fab 7 (GF07)	Global Foundries, Singapore - Fab 7 (GF07)	Global Foundries, Singapore - Fab 7 (GF07)
	Die # 2	Global Foundries, Singapore - Fab 2 (GF02)	Global Foundries, Singapore - Fab 2 (GF02)	Microchip Technology Colorado - Fab 5 (MCSO)
Wafer Diameter	Die # 1	12 inches	12 inches	12 inches
	Die # 2	8 inches	8 inches	6 inches
Die size		No change	No change	No change
Quality Certification		ISO9001/TS16949 or IATF16949	ISO9001/TS16949 or IATF16949	ISO9001/TS16949 or IATF16949

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve manufacturability and on-time delivery performance by qualifying a second fabrication



source at Microchip Technology Colorado - Fab 5 site.

**Change Implementation Status:**  
In Progress

**Estimated First Ship Date:**  
March 01, 2020 (datecode:2010)

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

**Pre and Post Change Summary:**

	December 2019				January 2020					>	March 2020				
Workweek	49	50	51	52	01	02	03	04	05		10	11	12	13	14
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. They are labeled as PCN\_#\_Qual\_Report.

**Revision History:**  
**December 17, 2019:** Issued initial notification.  
**January 30, 2020:** Issued final notification. Attached are the qualification reports and added estimated first ship date by March 01, 2020. Updated PCN subject to specify affected device families.

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

**Attachment(s):**

- [PCN GBNG-17JHCL139 Qual Report LE9642.pdf](#)
- [PCN GBNG-17JHCL139 Qual Report LE9652.pdf](#)
- [PCN GBNG-17JHCL139 Pre and Post Change Comparison.pdf](#)

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

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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)

LE9642PQC  
LE9642PQCT  
LE9622RQC  
LE9622RQCT  
LE9662WQC  
LE9662WQCT  
ZL88601LDF1  
ZL88601LDG1  
ZL88602LDF1  
ZL88602LDG1  
ZL88801LDF1  
ZL88801LDG1  
LE9632RQC  
LE9632RQCT  
LE9652PQC  
LE9652PQCT  
LE9672WQC  
LE9672WQCT  
ZL88103LDF1  
ZL88103LDG1  
ZL88105LDF1  
ZL88105LDG1  
ZL88107LDF1  
ZL88107LDG1  
ZL88109LDF1  
ZL88109LDG1  
ZL88701LDF1  
ZL88701LDG1  
ZL88702LDF1  
ZL88702LDG1