

Product Change Notification - JAON-28PDZT359

Date:

03 Apr 2020

Product Category:

Broadband Gateway

Affected CPNs:

Notification subject:

CCB 3893.001, 3893.002 and 3893.003 Final Notice: Qualification of an additional fabrication site (Microchip – Fab 5) for Die # 2 of selected Microsemi LE9641xx, LE9651xx and LE9653xx device families and qualification of an additional fabrication site (Microchip – Fab 5) for selected Microsemi LE9540xx, LE9541xx and LE9551xx device families available in 28L, 36L, 40L and 48L 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 LE9641xx, LE9651xx and LE9653xx device families and qualification of an additional fabrication site (Microchip - Fab 5) for selected Microsemi LE9540xx, LE9541xx and LE9551xx device families available in 28L, 36L, 40L and 48L 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 Note 1	Global Foundries, Singapore - Fab 7 (GF07)	Global Foundries, Singapore - Fab 7 (GF07)	Global Foundries, Singapore - Fab 7 (GF07)
	Die #2 Note 2	Global Foundries, Singapore - Fab 2 (GF02)	Global Foundries, Singapore - Fab 2 (GF02)	Microchip Technology Colorado - Fab 5 (MCSO)
Wafer Diameter	Die #1 Note 1	12 inches	12 inches	12 inches
	Die #2 Note 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

Note 1: Applicable with Microsemi LE9641xx, LE9651xx and LE9653xx device families (multi-die products).

Note 2: Applicable with Microsemi LE9540xx, LE9541xx and LE9551xx device families (single-die products)

**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:

April 30, 2020 (date code: 2018)

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

Time Table Summary:

	December 2019				>	April 2020				
Workweek	49	50	51	52		14	15	16	17	18
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 7, 2019: Issued initial notification

April 3, 2020: Issued final notification. Attached is the qualification report and added the estimated first date by April 30, 2020.

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_JAON-28PDZT359_Pre and Post Change Comparison.pdf](#)

[PCN_JAON-28PDZT359_Qual_Report.pdf](#)

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

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