

Product Change Notification - JAON-14PIGR452

Date: 22 Dec 2017
Product Category: Ethernet PHYs
Notification subject: CCB 2802 Final Notice: Qualification of 48L LQFP (7x7mm) package with 120x120 mils lead frame paddle size for selected Micrel products at TICP assembly site.
Notification text: **PCN Status:**
 Final notification

PCN Type:
 Manufacturing Change

Microchip Parts Affected:

Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

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

Description of Change:

Qualification of 48L LQFP (7x7mm) package with 120x120mils lead frame paddle size for selected Micrel products at TICP assembly site.

Pre Change:

Using lead frame with 100x100mils lead frame paddle size

Post Change:

Using lead frame with 120x120mils lead frame paddle size

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Taiwan IC Packing Corp (TICP)	Taiwan IC Packing Corp (TICP)
Wire material	Ag wire	Ag wire
Die attach material	EN4900	EN4900
Molding compound material	CEL9200	CEL9200
Lead frame material	C7025	C7025
Lead frame paddle size	100 x 100 mils	120 x 120 mils

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve productivity by qualifying lead frame with 120x120mils lead frame paddle size.

Change Implementation Status:

In Progress

Estimated First Ship Date:

January 22, 2018 (date code: 1804)

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

Time Table Summary:

	December 2016						December 2017					January 2018			
Workweek	48	49	50	51	52		48	19	50	51	52	01	02	03	04
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:

December 22, 2016: Issued initial notification.

December 22, 2017: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on January 22, 2018.

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-14PIGR452_Affected_CPN.pdf](#)

[PCN_JAON-14PIGR452_Qual_Report.pdf](#)

[PCN_JAON-14PIGR452_Affected_CPN.xls](#)

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

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