

Product Change Notification - JAON-29NNHT714

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Date:

23 Mar 2018

Product Category:

Power MOSFET Drivers

Affected CPNs:**Notification subject:**

CCB 2606 Final Notice: Qualification of JCAP assembly site as an additional assembly site for Micrel MIC5019 device family available in 4L UDFN FlipChip package with Sn lead finish.

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 JCAP assembly site as an additional assembly site for Micrel MIC5019 device family available in 4L UDFN FlipChip package with Sn lead finish.

Pre Change:

Assembled at UAT assembly site.

Post Change:

Assembled at JCAP or UAT assembly sites.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site		Unisem Advance Tech (UAT)	Unisem Advance Tech (UAT)	Jiangyin Changdian Advanced Packaging Ltd (JCAP)
Bumping material	Passivation	HD4100	HD4100	HD4100
	UBM	TiCu	TiCu	TiCu
	Copper Pillar	Cu	Cu	Cu
	Solder Cap	NiSnAg	NiSnAg	Sn
Molding compound material		G700	G700	G770
Lead frame material		Copper 194ESH	Copper 194ESH	Copper A194
Lead Finish		NiPdAu	NiPdAu	Sn

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve productivity by qualifying JCAP as an additional assembly site.

Change Implementation Status:

In Progress

Estimated First Ship Date:

April 23, 2018 (date code: 1817)

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

Time Table Summary:

	August 2017					March 2018					April 2018			
WW	31	32	33	34	35	09	10	11	12	13	14	15	16	17
Initial PCN Issue Date	X													
Qual Report									X					

Availability																		
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:
August 2, 2017: Issued initial notification.
March 23, 2018: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on April 23, 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-29NNHT714_Qual_Report.pdf](#)

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

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