



## Product Change Notification - JAON-05BOEV589

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**Date:**

15 May 2020

**Product Category:**

Ethernet PHYs

**Affected CPNs:****Notification subject:**

CCB 2969.002 Final Notice: Qualification of MTAI as a new assembly site for Micrel KSZ8721BT catalog part number (CPN) available in 48L TQFP (7x7x1.0mm) package.

**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 MTAI as a new assembly site for Micrel KSZ8721BT catalog part number (CPN) available in 48L TQFP (7x7x1.0mm) package.

**Pre Change:**

Assembled at OSE using 8340 die attach, CEL-9200HF molding compound material and MSL 3 classification

**Post Change:**

Assembled at MTAI using 3280 die attach and G700HA molding compound material and MSL 1 classification

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly Site</b>	Orient Semiconductor Electronics, Ltd (OSE)	Microchip Technology Thailand (HQ) (MTAI)
<b>Wire material</b>	Gold (Au)	Gold (Au)
<b>Die attach material</b>	8340	3280
<b>Molding compound material</b>	CEL-9200HF	G700HA
<b>Lead frame material</b>	C7025	C7025
<b>MSL Level</b>	MSL 3	MSL 1
<b>Shipping Media</b>	Bakeable tray (Black)	Non-bakeable tray (Blue)
	See pre and post change comparison	

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**



To improve on time delivery performance by qualifying MTAI as a new assembly site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

June 15, 2020 (date code: 2025)

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

**Time Table Summary:**

	May 2020					June 2020				
Workweek	18	19	20	21	22	23	24	25	26	27
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:**

**May 15, 2020:** Issued final notification.

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-05BOEV589 Qual Report.pdf](#)

[PCN JAON-05BOEV589 Pre and Post Change Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

KSZ8721BT