



## Product Change Notification / GBNG-04EAMN257

### Date:

07-Oct-2021

### Product Category:

Ethernet Controllers

### PCN Type:

Manufacturing Change

### Notification Subject:

CCB 4706 Final Notice: Qualification of MTAI as an additional assembly site for selected Micrel KSZ8851 device family available in 32L VQFN (5x5x0.9mm) package.

### Affected CPNs:

[GBNG-04EAMN257\\_Affected\\_CPN\\_10072021.pdf](#)

[GBNG-04EAMN257\\_Affected\\_CPN\\_10072021.csv](#)

### Notification Text:

**PCN Status:** Final notification

**PCN Type:** Manufacturing Change

**Microchip Parts Affected:** Please open one of the files found in the Affected CPNs section.

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

**Description of Change:** Qualification of MTAI as an additional assembly site for selected Micrel KSZ8851 device family available in 32L VQFN (5x5x0.9mm) package.

### Pre and Post Change Summary:

	Pre Change		Post Change		
<b>Assembly Site</b>	Unisem Chengdu Co.,Ltd. (UNIC)	Taiwan IC Packing Corp (TICP)	Unisem Chengdu Co.,Ltd. (UNIC)	Taiwan IC Packing Corp (TICP)	Microchip Technology Thailand – (HQ) (MTAI)

<b>Wire material</b>	Au	Au	Au	Au	Au/2N
<b>Die attach material</b>	8290	EN4900	8290	EN4900	3280
<b>Molding compound material</b>	G770HP	CEL-9220	G770HP	CEL-9220	G700LTD
<b>Lead frame material</b>	A194	A194	A194	A194	A194
<b>Paddle size</b>	130x130 mils	150x150 mils	130x130 mils	150x150 mils	150x150 mils
<b>DAP Surface Prep</b>	NiPdAu	NiPdAu	NiPdAu	NiPdAu	Ag selective plating
<b>Lead Plating</b>	NiPdAu	NiPdAu	NiPdAu	NiPdAu	Matte tin
<b>Lead-lock</b>	No	No	No	No	Yes

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve on-time delivery performance by qualifying MTAI as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**October 15, 2021 (date code: 2142)

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

**Time Table Summary:**

	June 2021					October 2021					
	23	24	25	26	27	40	41	42	43	44	45
Workweek											
Final PCN Issue Date		X									
Qual Report Availability							X				
Estimated First Ship 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:****June 08, 2021:** Issued final notification. Provided estimated first ship date to be July 15, 2021 **October 07, 2021:** Re-issued final notification. Attached the qualification report. Updated the estimated first ship date from July 15, 2021, to October 15, 2021. Updated the wire for MTAI assembly site in the Pre and post change summary from Au to Au/2N.

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

**Attachments:**

[PCN\\_GBNG-04EAMN257\\_Qual Report.pdf](#)  
[PCN\\_GBNG-04EAMN257\\_Pre and Post Change\\_Summary.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)

KSZ8851SNL

KSZ8851SNLI

KSZ8851SNL-TR

KSZ8851SNLI-TR