



## Product Change Notification / ASER-02NIOC250

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**Date:**

07-Feb-2023

**Product Category:**

Motor Drivers, Power Management - PWM Controllers, Power MOSFET Drivers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 6136 Final Notice: Qualification of MMT as an additional assembly site for selected MIC460xx, MIC410xx and MIC380xx device families available in 8L SOIC (3.90mm) package.

**Affected CPNs:**

[ASER-02NIOC250\\_Affected\\_CPN\\_02072023.pdf](#)  
[ASER-02NIOC250\\_Affected\\_CPN\\_02072023.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 MMT as an additional assembly site for selected MIC460xx, MIC410xx and MIC380xx device families available in 8L SOIC (3.90mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
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Assembly Site	Stars Microelectronics (Thailand) Public Company Limited (STAR)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Stars Microelectronics (Thailand) Public Company Limited (STAR)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Microchip Technology Thailand (MMT)
Wire Material	Au	Au	Au	Au	Au
Die Attach Material	2200D	8290	2200D	8290	8390A
Molding Compound Material	G600	G600KA	G600	G600KA	G600V
Lead-Frame Material*	A194/CDA194	A194	A194/CDA194	A194	CDA194
Lead-Frame Paddle Size	95x130	95x130	95x130	95x130	95x130
DAP Surface Prep	NiPdAu	NiPdAu	NiPdAu	NiPdAu	Bare Cu

\*Note: C194, A194 or CDA194 Lead-Frame material are the same, it is just a MCHP internal labelling difference.

**Impacts to Data Sheet:**None

**Change Impact:**None

**Reason for Change:**To improve cycle time and productivity by qualifying MMT as an additional assembly site.

**Change Implementation Status:**In Progress

**Estimated First Ship Date:**March 2, 2023 (date code: 2309)

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

**Time Table Summary:**

	February 2023				March 2023				
	5	6	7	8	9	10	11	12	13
Workweek									
Qual Report Availability		x							
Final PCN Issue		x							

Date									
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:**February 7, 2023: 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.

**Attachments:**

- [PCN ASER-02NIOC250\\_Qual Report.pdf](#)
- [PCN\\_ASER-02NIOC250\\_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)

MIC4605-1YMVAO  
MIC4605-2YMVAO  
MIC4605-1YM-TRVAO  
MIC4605-2YM-TRVAO  
MIC4100YM  
MIC4101YM  
MIC4102YM  
MIC4103YM  
MIC4104YM  
MIC4100YM-TR  
MIC4101YM-TR  
MIC4102YM-TR  
MIC4103YM-TR  
MIC4104YM-TR  
MIC3808YM  
MIC3809YM  
MIC3808YM-TR  
MIC3809YM-TR  
MIC4605-1YM  
MIC4605-2YM  
MIC4605-1YM-TR  
MIC4605-1YM-T5  
MIC4605-2YM-TR  
MIC4605-2YM-T5  
MIC4604YM  
MIC4604YM-TR  
MIC4604YM-T5