



Product Change Notification / CENO-02CMXO164

---

**Date:**

08-Nov-2022

**Product Category:**

Power MOSFET Drivers

**PCN Type:**

Manufacturing Change

**Notification Subject:**

CCB 5229 Initial Notice: Qualification of MMT as an additional assembly site for MIC5060YML-TR catalog part number (CPN) available in 8L VDFN (3x3x0.9mm) package.

**Affected CPNs:**

[CENO-02CMXO164\\_Affected\\_CPN\\_11082022.pdf](#)  
[CENO-02CMXO164\\_Affected\\_CPN\\_11082022.csv](#)

**Notification Text:**

**PCN Status:**Initial 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 MIC5060YML-TR catalog part number (CPN) available in 8L VDFN (3x3x0.9mm) package.

**Pre and Post Change Summary:**

	Pre Change	Post Change
--	------------	-------------

Assembly Site		Unisem (M) Berhad Perak, Malaysia (UNIS)	Unisem (M) Berhad Perak, Malaysia (UNIS)	Microchip Technology Thailand (Branch) (MMT)
Wire Material		Au	Au	Au
Die Attach Material		8006NS	8006NS	8006NS
Molding Compound Material		G770HCD	G770HCD	G700LTD
Lead-Frame Material		A194	A194	A194
Lead-Frame	Paddle Size	69x102 mils	69x102 mils	71x102 mils
	Lead-lock	No	No	Yes
	See Pre and Post Change Comparison			

**Impacts to Data Sheet:** Yes. Update package max. thickness to 1.0mm.

POD Comparison (8 VDFN 3x3mm)							
Unit: mm		UNIS			MMT		
SYMBOL	DESCRIPTION	MIN	NOM	MAX	MIN	NOM	MAX
A	Overall Thickness	0.80	0.85	0.90	0.80	0.90	<b>1.00</b>
A1	Stand-off	0.00	-	0.05	0.00	-	0.05
A3	LF thickness	0.203 REF			0.203 REF		
D	Overall package width	2.95	3.00	3.05	3.00 BSC		
E	Overall package length	2.95	3.00	3.05	3.00 BSC		
e	Lead Pitch	0.65 BSC			0.65 BSC		
D2	Exposed Pad Width	1.45	1.50	1.55	1.50	1.55	1.60
E2	Exposed Pad Length	2.25	2.30	2.35	2.25	2.30	2.35
L	Terminal Length	0.40	0.45	0.50	0.35	0.40	0.45
b	Terminal Width	0.25	0.30	0.35	0.20	0.25	0.30
K	Terminal-to-Exposed pad	-	-	-	0.20	-	-

**Change Impact:**None

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

**Change Implementation Status:**In Progress

**Estimated Qualification Completion Date:**November 2022

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

**Time Table Summary:**

	November 2022				
Workweek	4 5	4 6	4 7	4 8	4 9
Initial PCN Issue Date		x			
Qual Report Availability					x
Final PCN Issue Date					x

**Method to Identify Change:**Traceability code

**Qualification Plan:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:**November 8, 2022: Issued initial 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\\_CENO-02CMX0164\\_Pre and Post Change\\_Summary.pdf](#)  
[PCN\\_CENO-02CMX0164\\_Qualification Plan.pdf](#)

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

**Terms and Conditions:**

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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.