



Product Change Notification: MFOL-21LXWA131

Date:

04-Dec-2024

Product Category:

Clock and Timing - Clock and Data Distribution

Notification Subject:

CCB 7210 Initial Notice: Qualification of MTAI as a new assembly site for SY89322VMG-TR, SY89251VMG-TR, SY89250VMG-TR, SY89206VMG-TR, SY89323LMG-TR, SY89222LMG-TR, SY89329VMG-TR, SY89328LMG-TR, and SY89321LMG-TR catalog part numbers (CPN) available in 8L VDFN (2x2x0.9mm) package.

Affected CPNs:

[MFOL-21LXWA131_Affected_CPN_12042024.pdf](#)
[MFOL-21LXWA131_Affected_CPN_12042024.csv](#)

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 MTAI as a new assembly site for SY89322VMG-TR, SY89251VMG-TR, SY89250VMG-TR, SY89206VMG-TR, SY89323LMG-TR, SY89222LMG-TR, SY89329VMG-TR, SY89328LMG-TR, and SY89321LMG-TR catalog part numbers (CPN) available in 8L VDFN (2x2x0.9mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Unisem (M) Berhad Perak, Malaysia (UNIS)	Microchip Technology Thailand (HQ) (MTAI)

Wire Material	Au	Au
Die Attach Material	8290	QMI519
Molding Compound Material	G770HCD	G700LTD
Lead-Frame Material	A194	A194
Lead-Frame DAP Surface Prep	NiPdAu	Bare Cu
Lead-Frame Design	See pre and post change for comparison.	

Impacts to Datasheet:

		UNIS			MTAI		
Feature	Dimension	MIN	NOM	MAX	MIN	NOM	MAX
Number of Pins	n	8			8		
Pitch	e	0.50 BSC			0.50 BSC		
Overall Height	A	0.80	0.85	0.90	0.80	0.90	1.00
Standoff	A1	0.00	0.02	0.05	0.00	-	0.05
Terminal Thickness	A3	0.203 REF			0.20 REF		
Overall Width	D	2.00 BSC			1.90	2.00	2.10
Exposed Pad Width	D2	1.10	1.20	1.30	1.10	1.20	1.30
Overall Length	E	2.00 BSC			1.90	2.00	2.10

Method to Identify Change: Traceability Code

Qualification Plan: Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History: December 04, 2024: Issued initial notification.

Note: The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

Attachments:

PCN_MFOL-21LXWA131_Qualification Plan.pdf

PCN_MFOL-21LXWA131_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)

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SY89250VMG-TR
SY89206VMG-TR
SY89323LMG-TR
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