

## **Product Change Notification / MAAN-13FXXQ485**

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17-May-2024

## **Product Category:**

High Voltage Level Translator ICs

# **PCN Type:**

Manufacturing Change

## **Notification Subject:**

CCB 7000 Initial Notice: Qualification of ATP7 as a new assembly site for HT0440K6-G catalog part number (CPN) available in 10L VDFN (3x4x1.0mm) package.

## **Affected CPNs:**

MAAN-13FXXQ485\_Affected\_CPN\_05172024.pdf MAAN-13FXXQ485\_Affected\_CPN\_05172024.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 ATP7 as a new assembly site for HT0440K6-G catalog part number (CPN) available in 10L VDFN (3x4x1.0mm) package.

## **Pre and Post Change Summary:**

Pre Change Post Change
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Assembly Site	Carsem (Suzhou)	Amkor Technology Philippines (P3/P4), INC. (ATP7)					
Wire Material	Au	Au					
Die Attach Material	QMI519	AP4300					
Molding Compound Material	EME-G770HCD	G63BQ					
Lead-Frame Material	A194	C194					
Leau-Fraine Material	See Pre and Post Change summary for comparison						
Lead-Frame Paddle Size	102 x 144 mil	106 x 114 mil					
DAP Surface Prep	NiPdAu	Roughened PPF					

<sup>\*</sup> Note: C194, A194 or CDA194 Lead-frame materials are the same, it is just a MCHP internal labelling difference.

### Impacts to Data Sheet:None

#### Change ImpactNone

**Reason for Change:**To improve on-time delivery performance by qualifying ATP7 as a new assembly site.

#### **Change Implementation Status:**In Progress

#### **Estimated Qualification Completion Date:**October 2024

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:

		Ma	ay 20	)24		>		Octo	ber :	2024	
Workweek	1 8	1 9	2 0	2 1	2 2		40	41	42	43	44
Initial PCN Issue Date			Х								
Qual Report Availability											Х

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:**May 17, 2024: 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\_MAAN-13FXXQ485\_Pre\_and\_Post\_Change\_Summary.pdf PCN\_MAAN-13FXXQ485\_Qual\_Plan.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

#### **Terms and Conditions:**

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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cted Catalog Part Numbers (CPN)
440K6-G