

Product Change Notification / CAAN-26SWJ0697

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13-Jul-2023

Product Category:

General Purpose FPGAs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6339 and 6339.001 Final Notice: Qualification of MTAI as a new assembly site for selected A3P0xx-QNGxx, A3P030-xQNGxx, A3PN0xx-QNGxx, A3PN0xx-xQNGxx, AGL0xxVx-QNGxx and AGLN0xxVx-QNxx device families available in 48L VQFN (6x6x1mm) and 68L VQFN (8x8x1mm) packages.

Affected CPNs:

CAAN-26SWJ0697_Affected_CPN_07132023.pdf CAAN-26SWJ0697_Affected_CPN_07132023.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 a new assembly site for selected A3P0xx-QNGxx, A3P030-xQNGxx, A3PN0xx-QNGxx, A3PN0xx-xQNGxx, AGL0xxVx-QNGxx and AGLN0xxVx-QNxx device families available in 48L VQFN (6x6x1mm) and 68L VQFN (8x8x1mm) packages.

Pre and Post Change Summary:

		Pre Change	Post Change			
Assembly Site		UTAC Dongguan Limited (Previously ASAT-China) (UDG)	Microchip Technology Thailand			
			(HQ) (MTAI)			
Wire Material		CuPd	Au/2N			
Die Attach Material		8200T	QMI519			
Molding Compound Material		G700HCD	G700LTD			
Lead-Frame	48L	A194	A194			
Material	68L	C7025	A194			
Lead-Frame	Lead-Frame 48L 193		193x193mils			
Paddle Size 68L		125x125mils	122 x 122mils			
DAP Surface Prep		Ag Ring Plating	Ag Ring Plating			

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying MTAI as a new assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date: July 31, 2023 (date code: 2331)

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

Time Table Summary:

	June 2023				July 2023					
Workweek	2	2 3	2 4	2 5	2 6	27	28	29	30	31
Initial PCN Issue Date					Х					
Qual Report Availability							Х			
Final PCN Issue Date							Х			
Estimated Implementation										Х

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Date					
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Method to Identify Change: Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: June 30, 2023: Issued initial notification.

July 12, 2023: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on July 31, 2023. Revised CPN list, removed configurable parts.

July 13, 2023: Re-issued final notification. Updated CPN list to add 48L VQFN.

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

Attachments:

PCN_CAAN-26SWJO697 Qual Report.pdf PCN_CAAN-26SWJO697_Pre and Post Change Summary.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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Affected Catalog Part Numbers (CPN)

A3P015-QNG68

A3P030-1QNG68

A3P030-2QNG68

A3P030-QNG68

A3P015-QNG68I

A3P030-1QNG68I

A3P030-2QNG68I

A3P030-QNG68I

A3PN030-ZQNG68I

A3PN030-ZQNG68

A3PN015-1QNG68I

A3PN015-1QNG68

A3PN015-2QNG68I

A3PN015-2QNG68

A3PN015-QNG68I

A3PN015-QNG68

A3PN020-1QNG68I

A3PN020-1QNG68

A3PN020-2QNG68I

A3PN020-2QNG68

A3PN020-QNG68I

A3PN020-QNG68

AGL015V2-QNG68

AGL015V5-QNG68

AGL030V2-QNG68

AGL030V5-QNG68

AGL030V2-QNG68I

AGL030V5-QNG68I

AGLN015V2-QNG68I

AGLN015V2-QNG68

AGLN015V5-QNG68IPU88

AGLN015V5-QNG68IPZ88

AGLN015V5-QNG68I

AGLN015V5-QNG68

AGLN020V2-QNG68I

AGLN020V2-QNG68PS16

AGLN020V2-QNG68

AGLN020V5-QNG68I

AGLN020V5-QNG68

AGLN010V5-QNG48Z204

A3P030-1QNG48

A3P030-2QNG48

A3P030-QNG48

A3P030-1QNG48I

A3P030-2QNG48I

A3P030-QNG48I

Date: Wednesday, July 12, 2023

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A3PN030-ZQNG48I

A3PN030-ZQNG48

A3PN010-1QNG48I

A3PN010-1QNG48

A3PN010-2QNG48I

A3PN010-2QNG48

A3PN010-QNG48I

A3PN010-QNG48

AGL030V2-QNG48

AGL030V5-QNG48

AGL030V2-QNG48I

AGL030V5-QNG48IX94

AGL030V5-QNG48I

AGLN010V2-QNG48IX11

AGLN010V2-QNG48IX94

AGLN010V2-QNG48I

AGLN010V2-QNG48PU33

AGLN010V2-QNG48

AGLN010V5-QNG48I

AGLN010V5-QNG48

Date: Wednesday, July 12, 2023