



Product Change Notification / ALAN-24BGXP256

Date:

30-Jun-2021

Product Category:

Clock and Timing - Oscillators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4661 Initial Notice: Qualification of STAR as an additional assembly site for selected DSC812xxx, DSC110xxx, and DSC112xxx device families available in 6L VDFN (7x5x0.9mm) package

Affected CPNs:

[ALAN-24BGXP256_Affected_CPN_06302021.pdf](#)
[ALAN-24BGXP256_Affected_CPN_06302021.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 STAR as an additional assembly site for selected DSC812xxx, DSC110xxx, and DSC112xxx device families available in 6L VDFN (7x5x0.9mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Location	UTAC Thai Limited (UTL) (NSEB)	UTAC Thai Limited (UTL) (NSEB)	Stars Microelectronics (Thailand) Public Company Limited (STAR)	
Bonding Wire material	Au	Au	Au	
Die Attach material #1	HR-5104 (DAF)	HR-5104 (DAF)	HR-5104 (DAF)	
Die Attach material #2	2200D	2200D	2200D	
Die Coat material	JCR6109	JCR6109	JCR6109	
Molding compound material	G700LTD	G700LTD	G700LTD	
Lead Frame	Material	C194	C194	
	DAP Surface Prep	Selective PPF	Selective PPF	
	Lead-lock	Yes	Yes	No
		See pre and post change comparison		

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve manufacturability by qualifying STAR as an additional assembly site

Change Implementation Status:In Progress

Estimated Qualification Completion Date:December 2021

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:

	June 2021					->	December 2021				
	23	24	25	26	27		49	50	51	52	53
Workweek											
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: June 30, 2021: 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_ALAN-24BGXP256_Pre and Post Change_Summary.pdf](#)
[PCN_ALAN-24BGXP256_Qual 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.

Affected Catalog Part Numbers (CPN)

DSC8121NI2
DSC8122NI2
DSC8123NI2
DSC8124NI2
DSC1101NI1-125.0062
DSC1101NI1-156.2500
DSC1101NI5-100.0000
DSC1103NI2-400.0000
DSC1121NI2-018.4320
DSC1122NI2-150.0000
DSC1123NI1-100.0000
DSC1123NI1-125.0000
DSC1123NI2-125.0000
DSC1123NI2-150.0000
DSC1123NI2-312.5000
DSC1101NI5-025.0000
DSC8122NI5
DSC1101NI5-020.0000
DSC1101NI5-012.8000
DSC1101NI5-016.3840
DSC1124NI1-100.0000
DSC1124NI1-156.2500
DSC1104NI2-100.0000
DSC1122NI5-025.0020
DSC1122NI2-050.0000
DSC1103NI2-125.0000
DSC1121NI1-100.0000
DSC1121NI2-125.0000
DSC1121NI2-025.0000
DSC1101NI1-050.0000
DSC1102NI5-156.2500
DSC1123NI1-156.2500
DSC1122NI2-156.2500
DSC1103NI2-148.5000
DSC1103NI2-156.2500
DSC1101NI5-018.7500
DSC1122NI2-148.5000
DSC1123NI2-200.0000
DSC1123NI5-100.0000
DSC1123NI5-125.0000
DSC1123NI5-156.2500
DSC1123NI5-322.2656
DSC1101NI2-050.0000
DSC1103NI1-135.0000
DSC1122NI5-025.0007
DSC1123NI3-050.0015

DSC1103NI5-150.0000
DSC1123NI2-100.0000
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DSC1102NI5-200.0000
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DSC1103NI5-300.0000
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DSC1122NE1-150.0000
DSC1123NE2-156.2500
DSC1123NE2-125.0000
DSC1123NL2-100.0000
DSC1102NE1-148.5000
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DSC1123NL5-100.0000
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DSC1101NL5-PROG
DSC1100NL3-PROG
DSC1100NL5-PROG
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DSC1103NL2-098.3040
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DSC1103NL2-106.2500
DSC1103NL2-135.0000
DSC1102NE3-075.0000
DSC1103NE2-148.5000
DSC1123NL1-148.5000
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DSC1123NI5-100.0000T

DSC1123NI5-125.0000T
DSC1123NI5-156.2500T
DSC1123NI5-322.2656T
DSC1101NI2-050.0000T
DSC1103NI1-135.0000T
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DSC1103NI5-150.0000T
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