



Product Change Notification / RMES-12IBVM883

Date:

28-Sep-2022

Product Category:

Microphone Preamplifiers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4955 Final Notice: Qualification of UAT as a new bumping site for AAP661AS-M5A-GLF-TR, AAP661BS-M5A-GLF-TR and AAP661CS-M5A-GLF-TR catalog part numbers in 5L WLCSP package.

Affected CPNs:

[RMES-12IBVM883_Affected_CPN_09282022.pdf](#)
[RMES-12IBVM883_Affected_CPN_09282022.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 UAT as a new bumping site for AAP661AS-M5A-GLF-TR, AAP661BS-M5A-GLF-TR and AAP661CS-M5A-GLF-TR catalog part numbers in 5L WLCSP package.

Pre and Post Change Summary:

	Pre Change	Post Change
Bumping location	Packaging Technologies (PACTECH) USA (PTUS)	Unisem Advance Tech (UAT)

Bumping Process	Printing Bump	Ball Drop
Solder Ball Material	SAC 405	SAC 405
Solder Ball Pitch	282.9 um	282.9 um
Solder Ball Size	100 um	100 um
Polymer Material	Not Applicable	PI
Polymer Thickness	Not Applicable	5um
UBM Deposition Method	Electroless Ni/Au plating	Sputter + Plated
UBM Thickness	Ni/Au 5 um	Ti (0.1)-Cu (0.2)+Cu (8.6)
UBM Opening Diameter	76 um	90 um

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change: To improve productivity by qualifying UAT as a new bumping site.

Change Implementation Status: In Progress

Estimated First Ship Date: October 31, 2022 (date code: 2245)

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

Time Table Summary:

Method to Identify Change:Traceability code

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

Revision History:January 13, 2022: Issued initial notification.

September 28, 2022: Issued final notification. Attached the Qualification Report. Estimated first ship date to be on October 31, 2022.

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

Attachments:

[RMES-12IBVM883_Qualification Report.pdf](#)

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

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