



Product Change Notification / ALAN-13DQTA753

Date:

13-Aug-2021

Product Category:

Switching Regulators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4778 Initial Notice: Qualification of UAT as an additional bumping site for LX7165-01CSP-TR, LX7165-02CSP-TR, LX7165-03CSP-TR and LX7165-05CSP-TR catalog part numbers (CPN) in 20L WLCSP (1.63x2.045x0.2 mm) package.

Affected CPNs:

[ALAN-13DQTA753_Affected_CPN_08132021.pdf](#)

[ALAN-13DQTA753_Affected_CPN_08132021.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 UAT as an additional bumping site for LX7165-01CSP-TR, LX7165-02CSP-TR, LX7165-03CSP-TR and LX7165-05CSP-TR catalog part numbers (CPN) in 20L WLCSP (1.63x2.045x0.2 mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
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Bumping location	Unisem Chengdu Co.,Ltd. (UNIC)	Unisem Chengdu Co.,Ltd. (UNIC)	Unisem Advance Tech (UAT)
Solder Ball Material	SAC 405	SAC 405	SAC 405
Solder Ball Pitch	400 um	400 um	400 um
Solder Ball Size	250um	250um	250um

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve productivity by qualifying UAT as an additional bumping site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:February 2022

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:

	August 2021					->	February 2022				
Workweek	32	33	34	35	36		5	6	7	8	9
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:August 13, 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-13DQTA753_Qual Plan.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

LX7165-01CSP-TR

LX7165-02CSP-TR

LX7165-03CSP-TR

LX7165-05CSP-TR