



Product Change Notification / KSRA-15ZQUA354

Date:

16-Sep-2022

Product Category:

Field Programmable Gate Array

PCN Type:

Silicon Die Revision

Notification Subject:

CCB 4624 Final Notice: Qualification of 3230 die attach material for AT40K20AL-1BQU catalog part number (CPN) available in 144L LQFP (20x20x1.4mm) package at ANAP assembly site.

Affected CPNs:

[KSRA-15ZQUA354_Affected_CPN_09162022.pdf](#)
[KSRA-15ZQUA354_Affected_CPN_09162022.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 3230 die attach material for AT40K20AL-1BQU catalog part number (CPN) available in 144L LQFP (20x20x1.4mm) package at ANAP assembly site.

Pre and Post Change Summary:

	Pre Change	Post Change
Assembly Site	Amkor Technology Philippine (P1/P2), INC. (ANAP)	Amkor Technology Philippine (P1/P2), INC. (ANAP)
Wire material	Au	Au

Die attach material	AP4200	3230
Molding compound material	G631HQ	G631HQ
Lead frame material	C194	C194
Strip Density	HDLF	UDLF
Lead frame Comparison	See attached pre and post change comparison	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by qualifying 3230 die attach material at ANAP assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:October 20, 2022 (date code: 2243)

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

Time Table Summary:

	April 2021					>	September 2022					October 2022				
Workweek	1 4	1 5	1 6	1 7	1 8		3 6	3 7	3 8	3 9	4 0	4 1	4 2	4 3	4 4	4 5
Initial PCN Issue Date				X												
Qual Report Availability									X							
Final PCN Issue Date									X							
Estimated Implementation Date														X		

Method to Identify Change:Traceability code

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

Revision History:April 19, 2021: Issued initial notification.

September 16, 2022: Issued final notification. Attached Qual Report and added estimated first ship date on October 20, 2022.

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

Attachments:

[PCN_KSRA-15ZQUA354_Qual Report.pdf](#)

[PCN_KSRA-15ZQUA354_Pre and Post Change Summary.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

AT40K20AL-1BQU