



Product Change Notification / JAON-14SGUP622

Date:

17-Dec-2020

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4442.001 Initial Notice: Qualification of G631HQ mold compound material for Atmel AT8USD6CDR-RUTU and AT8UA1184AE5-RUTU catalog part numbers (CPN) available in 144L LQFP (20x20x1.4mm) package.

Affected CPNs:

[JAON-14SGUP622_Affected_CPN_12172020.pdf](#)

[JAON-14SGUP622_Affected_CPN_12172020.csv](#)

Notification Text:

PCN Status: Initial notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the icons found in the Affected CPNs section above.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change: Qualification of G631HQ mold compound material for Atmel AT8USD6CDR-RUTU and AT8UA1184AE5-RUTU catalog part numbers (CPN) available in 144L LQFP (20x20x1.4mm) package.

Pre Change:

Using G700L mold compound material

Post Change:

Using G631HQ mold compound material

Pre and Post Change Summary:

	Pre Change	Post Change
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Assembly Site	Amkor Technology Philippines (P1/P2), INC. (ANAP)	Amkor Technology Philippines (P1/P2), INC. (ANAP)
Wire material	Au	Au
Die attach material	3230	3230
Molding compound material	G700L	G631HQ
Lead frame material	C194	C194
Lead frame paddle size	197x197 mils	214x214 mils
Strip Density	HDLF	UDLF
Lead frame design	See attached pre and post change comparison	

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve productivity by qualifying G631HQ mold compound material.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:April 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:

	December 2020						April 2021				
Workweek	4 9	5 0	5 1	5 2	5 3	-->	1 4	1 5	1 6	1 7	1 8
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:December 17, 2020: 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_JAON-14SGUP622_Qual_Plan.pdf](#)

[PCN_JAON-14SGUP622_Pre and Post Change_Summary.pdf](#)

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

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