



Product Change Notification / KSRA-07HVQF409

Date:

08-Dec-2020

Product Category:

8-bit Microcontrollers, Capacitive Touch Sensors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4031 Final Notice: Qualification of Microchip Technology Tempe – Fab 2 (TMGR) as an additional fabrication site for selected Atmel products.

Affected CPNs:

[KSRA-07HVQF409_Affected_CPN_12082020.pdf](#)
[KSRA-07HVQF409_Affected_CPN_12082020.csv](#)

Notification Text:

PCN Status: Final 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 Microchip Technology Tempe – Fab 2 (TMGR) as an additional fabrication site for selected Atmel products.

Due to unforeseen circumstances, that are out of Microchip's control, full qualification will be made available at a date after shipment as Microchip plans to continue fulfill orders by shipping from the new fabrication site as soon as possible as to not disrupt customer orders.

Pre Change:

Fabricated at Microchip Technology Colorado – Fab 5 (MCSO) using 6 inch wafer

Post Change:

Fabricated at Microchip Technology Colorado – Fab 5 (MCSO) using 6 inch wafer or Microchip Technology Tempe – Fab 2 (TMGR) using 8 inch wafer

Pre and Post Change Summary:

	Pre Change	Post Change	
Fabrication Supplier and Location	Microchip Technology Colorado – Fab 5 (MCSO)	Microchip Technology Colorado – Fab 5 (MCSO)	Microchip Technology Tempe – Fab 2 (TMGR)
Wafer Diameter	6 inches	6 inches	8 inches
Die size	No change	No change	No change
Quality Certification	ISO9001/TS16949 or IATF16949	ISO9001/TS16949 or IATF16949	ISO9001/TS16949 or IATF16949

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying a second fabrication source at Microchip Technology Tempe – Fab 2 (TMGR) fabrication site.

Due to unforeseen business conditions, Microchip Technology Tempe – Fab 2 (TMGR) has been qualified as a additional fabrication site effective immediately.

Change Implementation Status:

In Progress

Estimated First Ship Date:January 11, 2021 (date code: 2103)

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

Time Table Summary:

	December 2019				-->	December 2020					January 2021				
	4 9	5 0	5 1	5 2		4 9	5 0	5 1	5 2	5 3	0 1	0 2	0 3	0 4	0 5
Workweek															
Initial PCN Issue Date		X													
Final PCN Issue Date						X									
Qual Report Availability															X

Affected Catalog Part Numbers (CPN)

ATMEGA1284P-PU
ATMEGA1284-PU
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