



Product Change Notification - GBNG-05QUVX037

Date:

09 Aug 2018

Product Category:

8-bit Microcontrollers

Affected CPNs:



Notification subject:

CCB 3496 Initial Notice: Qualification of MMT as an additional assembly site for selected Atmel products of the 35.4K, 35.5K and 35.9K wafer technologies available in 100L TQFP (14x14x1.0mm) package.

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 MMT as an additional assembly site for selected Atmel products of the 35.4K, 35.5K and 35.9K wafer technologies available in 100L TQFP (14x14x1.0mm) package.

Pre Change:

Assembled in ASE using Au, PdCu or CuPdAu wire, CRM-1076WA die attach, G631H mold compound and C7025 lead frame material with MSL 3 classification or assembled in LPI using Au or CuPdAu wire and CRM-1033BF die attach material with MSL 3 classification.

Post Change:

Assembled in ASE using Au, PdCu or CuPdAu wire, CRM-1076WA die attach, G631H mold compound and C7025 lead frame material with MSL 3 classification or assembled in LPI using Au or CuPdAu wire and CRM-1033BF die attach material with MSL 3 classification.or assembled in MMT using Au wire, 3280 die attach, G700 mold compound and C194 lead frame material with MSL 1 or MSL 2 classification.

Pre and Post Change Summary:

	Pre Change					Post Change					
Assembly Site	ASE Inc. Taiwan (ASE)			Lingsen Precision Industires, LTD. (LPI)		ASE Inc. Taiwan (ASE)			Lingsen Precision Industires, LTD. (LPI)		Microchip Technology Thailand (Branch) (MMT)
Wire material	Au	PdCu	CuPd Au	Au	CuPd Au	Au	PdCu	CuPdAu	Au	CuPdAu	Au
Die attach material	CRM-1076WA			CRM-1033BF		CRM-1076WA			CRM-1033BF		3280



Molding compound material	G631H	G700	G631H	G700	G700
Lead frame material	C7025	C194	C7025	C194	C194
MSL Classification	MSL 3	MSL 3	MSL 3	MSL 3	MSL 1 or MSL 2

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To Improve on-time delivery performance by qualifying MMT as an additional assembly site.

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

November 2018

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 2018					-->	November 2018				
Workweek	31	32	33	34	35		44	45	46	47	48
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 09, 2018: 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.

Attachment(s):

[PCN_GBNG-05QUVX037_Qual_Plan.pdf](#)

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Affected Catalog Part Numbers (CPN)

ATMEGA1280-16AU
ATMEGA1280-16AU-HCM
ATMEGA1280-16AUR
ATMEGA1280V-8AU
ATMEGA1280V-8AUR
ATMEGA2560-16AUA0
ATMEGA2560-16AU-HCM
ATMEGA2560-16AUR
ATMEGA2560-16AURA0
ATMEGA2560V-8AU
ATMEGA2560V-8AUA0
ATMEGA2560V-8AUR
ATMEGA2560V-8AURA0
ATMEGA3250-16AU
ATMEGA3250-16AUR
ATMEGA3250A-AU
ATMEGA3250A-AUR
ATMEGA3250P-20AU
ATMEGA3250P-20AUR
ATMEGA3250PA-AU
ATMEGA3250PA-AUR
ATMEGA3250PV-10AU
ATMEGA3250PV-10AUR
ATMEGA3250V-8AU
ATMEGA3250V-8AUR
ATMEGA3290-16AU
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ATXMEGA64B1-AUA0
ATXMEGA64B1-AUR