Date: 28 May 2020

Product Category: 8-bit Microcontrollers

Affected CPNs: 

Notification subject: CCB 3600.004, 3600.005 and 3600.006 Final Notice: Qualification of MMT as a new assembly site for selected Atmel products available in 8L, 14L and 40L PDIP packages.

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 MMT as a new assembly site for selected Atmel products available in 8L, 14L and 40L PDIP packages.

Pre Change: Assembled at LPI assembly site using gold (Au) or palladium coated copper with gold flash (CuPdAu) bond wire, CRM-1033BF die attach and G600 mold compound material.

Post Change: Assembled at MMT assembly site using palladium coated copper with gold flash (CuPdAu) bond wire, CRM-1064L die attach and GE800 mold compound material.

Pre and Post Change Summary:

<table>
<thead>
<tr>
<th></th>
<th>Pre Change</th>
<th>Post Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembly Site</td>
<td>Lingsen Precision Industries, Taiwan. (LPI)</td>
<td>Microchip Technology Thailand (Branch) - (MMT)</td>
</tr>
<tr>
<td>Wire material</td>
<td>Au</td>
<td>CuPdAu</td>
</tr>
<tr>
<td>Die attach material</td>
<td>CRM-1033BF</td>
<td>CRM-1064L</td>
</tr>
<tr>
<td>Molding compound material</td>
<td>G600</td>
<td>GE800</td>
</tr>
<tr>
<td>Lead frame material</td>
<td>CDA194</td>
<td>CDA194</td>
</tr>
</tbody>
</table>

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve on time delivery performance by qualifying MMT as a new assembly site. Due to unforeseen business conditions the LPI location will be discontinued as an assembly site for 8L, 14L and 40L PDIP packages.

Change Implementation Status:
In Progress

Estimated First Ship Date:
June 15, 2020 (date code: 2025)

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

Time Table Summary:

<table>
<thead>
<tr>
<th>Workweek</th>
<th>May 2020</th>
<th>June 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>Qual Report Availability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final PCN Issue Date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimated Implementation Date</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Method to Identify Change:
Traceability code

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

Revision History:
May 28, 2020: Issued final notification. Attached the qualification report.
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-26MNLV879_Qual_Report.pdf

Please contact your local Microchip sales office with questions or concerns regarding this notification.

Terms and Conditions:
If you wish to receive Microchip PCNs via email please register for our PCN email service at our PCN home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the PCN FAQ section.
If you wish to change your PCN profile, including opt out, please go to the PCN home page select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.
Affected Catalog Part Numbers (CPN)

ATMEGA324A-PU
ATMEGA324PA-PU
ATMEGA324PA-PN
ATTINY13A-PU
ATMEGA32A-PU
ATMEGA32A-PN
ATTINY44A-PU
ATTINY24A-PU
ATMEGA164A-PU
ATMEGA164PA-PU
ATMEGA644A-PU
ATMEGA644PA-PU
ATTINY84A-PU
ATTINY13-20PU
ATTINY13V-10PU
ATTINY13V-10PQ
ATTINY85-20PU
ATTINY85V-10PU
AT89S8253-24PU
ATMEGA16-16PU
ATMEGA16-16PUA6
ATMEGA8515-16PU
ATMEGA8515L-8PU
ATMEGA8535-16PU
ATMEGA8535L-8PU
ATMEGA32-16PU
ATMEGA32-16PUA3
ATMEGA32L-8PU
ATMEGA162-16PU
ATMEGA162V-8PU
AT89LP213-20PU
AT89LP214-20PU
ATTINY84V-10PU
ATTINY84-20PU
ATMEGA644-20PU
ATMEGA644V-10PU
ATMEGA164P-20PU
ATMEGA164PV-10PU
ATMEGA164P-20PQ
ATMEGA164PV-10PQ
ATMEGA324P-20PU
ATMEGA324PV-10PU
ATTINY45-20PU
ATTINY45V-10PU
ATTINY44-20PU
ATTINY44V-10PU

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ATTINY25-20PU
ATTINY25V-10PU
ATTINY24-20PU
ATTINY24V-10PU
ATMEGA644P-20PU
ATMEGA644PV-10PU
ATMEGA644PV-10PQ
ATMEGA644P-20PQ
AT89LP51-20PU
AT89LP52-20PU
AT89LP3240-20PU
AT89LP6440-20PU

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