Product Change Notification - KSRA-24TYAZ595
( Convert To PDF )

Date:
22 Aug 2018

Product Category:
Memory

Affected CPNs:

Notification subject:
CCB 2936 and 2936.001 Final Notice: Qualification of MMT as a new assembly site for selected Atmel products available in 40L PDIP package.

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 40L PDIP package.

Pre Change:
Assembled at ANAP assembly site using 8390A die attach material, Q3-6646 die coat material and CK5000A molding compound material

Post Change:
Assembled at MMT assembly site using CRM-1064L die attach material, Q1-4939 die coat material and GE800 molding compound material

Pre and Post Change Summary:
<table>
<thead>
<tr>
<th>Assembly Site</th>
<th>Amkor Technology Philippine (P1/P2), INC. (ANAP)</th>
<th>Microchip Technology Thailand Branch (MMT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire material</td>
<td>Au Wire</td>
<td>Au Wire</td>
</tr>
<tr>
<td>Die attach material</td>
<td>8390A</td>
<td>CRM-1064L</td>
</tr>
<tr>
<td>Molding compound material</td>
<td>CK5000A</td>
<td>GE800</td>
</tr>
<tr>
<td>Lead frame material</td>
<td>C194</td>
<td>C194</td>
</tr>
<tr>
<td>Die Coat material</td>
<td>Q3-6646</td>
<td>Q1-4939</td>
</tr>
</tbody>
</table>

**Impacts to Data Sheet:**
None

**Change Impact:**
None

**Reason for Change:**
To improve manufacturability by qualifying MMT as a new assembly site as part of the Atmel and Microchip integration.

**Change Implementation Status:**
In Progress

**Estimated First Ship Date:**
September 21, 2018 (date code: 1838)

**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 2017</th>
<th>August 2018</th>
<th>September 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18 19 20 21 22</td>
<td>31 32 33 34 35 36 37 38 39</td>
<td></td>
</tr>
<tr>
<td>Initial PCN Issue Date</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Qual Report Availability</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Final PCN Issue Date</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Estimated Implementation Date</td>
<td></td>
<td></td>
<td>X</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 29, 2017: Issued initial notification.
November 07, 2017: Re-issued initial notification to update the affected parts list.
Updated the pre and post change to include die coat material. Updated the qual report availability and revision of the qualification plan.
August 22, 2018: Issued final notification. Attached the Qualification Report. Added reference CCB 2936.001 and updated affected CPN list because of the update in the scope of this PCN.

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_KSRA-24TYAZ595_Qual_Report.pdf

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

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