







Product Change Notification - KSRA-11DUMC383 (Convert To PDF)

Date:

17 Sep 2018

Product Category:

32-bit Microcontrollers

Affected CPNs:



Notification subject:

CCB 3553 Initial Notice: Qualification of ASSH as an additional assembly site for CEC1702 device family available in 84L WFBGA (7x7x0.8mm) 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 ASSH as an additional assembly site for CEC1702 device family available in 84L WFBGA (7x7x0.8mm) package.

Pre Change:

Assembled at ANAC using HR-9004 die attach, G750E molding compound, HL832NXA substrate core and AUS320 solder mask material.

Post Change:

Assembled at ANAC using HR-9004 die attach, G750E molding compound, HL832NXA substrate core and AUS320 solder mask material. Assembled at ASSH using Film ATB-125 die attach, KE-G1250LKDS molding compound, CCL-HL832NX substrate core and AUS308 solder mask material.

Pre and Post Change Summary:

| | Pre Change | Post Change | | | | |
|---------------|--|--|---------------------|--|--|--|
| Assembly Site | Amkor Assembly & Test (Shanghai) Co., LTD / ANAC | Amkor Assembly & Test (Shanghai) Co., LTD / ANAC | ASE-Shanghai / ASSH | | | |
| Wire material | CuPdAu | CuPdAu | CuPdAu | | | |











| Molding compound material | G750E | G750E | KE-G1250LKDS |
|---------------------------|----------|----------|--------------|
| Solder Ball Alloy | SAC105 | SAC105 | SAC105 |
| Substrate core | HL832NXA | HL832NXA | CCL-HL832NX |
| Soldermask | AUS320 | AUS320 | AUS308 |

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve productivity by qualifying ASSH as an additional assembly site

Change Implementation Status:

In Progress

Estimated Qualification Completion Date:

January 2019

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:

| | September 2018 | | | | → | January 2019 | | | | | |
|-----------------------------|-------------------|----|----|----|----------|--------------|---|---|---|---|---|
| Workweek | 36 | 37 | 38 | 39 | 40 | | 1 | 2 | 3 | 4 | 5 |
| Initial PCN Issue Date | | | Х | | | | | | | | |
| Qual Report Availability | | | | | | | | | | | Х |
| Final PCN Issue | | | | | | | | | | | Χ |









Method to Identify Change:

Traceability code

Oualification Plan:

Please open the attachments included with this PCN labeled as PCN_#_Qual Plan.

Revision History:

September 17, 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_KSRA-11DUMC383_Qual_Plan.pdf

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

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