

### **Product Change Notification / ASER-16KRVV582**

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03-Mar-2023

## **Product Category:**

Switchtec

# **PCN Type:**

Manufacturing Change

# **Notification Subject:**

CCB 6167 Initial Notice: Qualification of E705G as an additional substrate material for selected PM400xx, PM410xx and PM420xx device families available in 753L BBGA (29x29x2.94mm) package assembled at ATK assembly site.

#### **Affected CPNs:**

ASER-16KRVV582\_Affected\_CPN\_03032023.pdf ASER-16KRVV582\_Affected\_CPN\_03032023.csv

#### **Notification Text:**

**PCN Status:**Initial Notification

**PCN Type:**Manufacturing Change

**Microchip Parts Affected:**Please open one of the files found in the Affected CPNs section. Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:**Qualification of E705G as an additional substrate material for selected PM400xx, PM410xx and PM420xx device families available in 753L BBGA (29x29x2.94mm) package assembled at ATK assembly site.

#### **Pre and Post Change Summary:**

	Pre Change	Post Change			
Assembly Site	Amkor Technology Korea (K4), INC (ATK)	Amkor Technology Korea (K4), INC (ATK)	Amkor Technology Korea (K4), INC (ATK)		
Bump Material	Sn1.8Ag	Sn1.8Ag	Sn1.8Ag		
Die Attach Material	SCF-5	SCF-5	SCF-5		
Underfill Material	NAU-27-1F	NAU-27-1F	NAU-27-1F		
Substrate Material	E700GR	E700GR	E705G		

### Impacts to Data Sheet:None

Change ImpactNone

**Reason for Change:**To improve productivity by qualifying E705G as an additional substrate material.

**Change Implementation Status:**In Progress

# **Estimated Qualification Completion Date:**April 2023

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:**

	February 2023				>	April 2023					
Workweek	5	6	7	8	9		1 4	1 5	1 6	1 7	1 8
Initial PCN Issue Date				Х							
Qual Report Availability											Х
Final PCN Issue Date											Х

Method to Identify Change: Traceability code

**Qualification Plan:** Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Plan.

**Revision History:**February 24, 2023: Issued initial notification.

March 3, 2023: Reissued initial notification with updated qualification plan with revised test temps.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

#### **Attachments:**

PCN\_ASER-16KRVV582\_Qual Plan.pdf

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

#### **Terms and Conditions:**

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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#### Affected Catalog Part Numbers (CPN)

PM40028B1-F3EI

PM40036B1-F3EI

PM40052B1-F3EI

PM41028B1-F3EI

PM41036B1-F3EI

PM41052B1-F3EI

PM42028B1-F3EI

PM42036B1-F3EI

PM42052B1-F3EI

Date: Thursday, March 02, 2023