

Product Change Notification / ASER-140A0K129

Date:

20-Jun-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4694 Final Notice: Qualification of UAT as a new bumping facility for SST25VF010A-33-4I-ZAE catalog part number (CPN) available in 8L WLCSP (89 x 58.30 mils) package.

Affected CPNs:

ASER-140A0K129_Affected_CPN_06202022.pdf ASER-140A0K129_Affected_CPN_06202022.csv

Notification Text:

PCN Status: Final 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 UAT as a new bumping facility for SST25VF010A-33-4I-ZAE catalog part number (CPN) available in 8L WLCSP (89 x 58.30 mils) package.

Pre and Post Change Summary:

Pre Change	Post Change

Bumping Facility	FlipChip International (FCI)	Unisem Advance Tech (UAT)					
Backend Site	King Yuan Electronics	King Yuan Electronics Company,					
Busiteria erte	Company, Limited (KYE)	Limited (KYE)					
Solder Ball Material	SAC351	SAC405					
Polymer Thickness	5 um	7.5 um					
UBM Deposition Method	Sputter	Sputter + plated					
UBM Thickness	Ti-Al-Ti	0.1um Ti(sp.) + 0.2um Cu(sp.) +					
ODIVI THICKNESS	11-A1-11	8.6um Cu (pl.)					
RDL Deposition Method	Sputter	Sputter + plated					
RDL Thickness		0.1um Ti(sp.) + 0.2um Cu(sp.) +					
	Ti-Al-Ti	4um Cu (pl.)					

Impacts to Data Sheet:Slight modifications to POD.

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying UAT as a new bumping facility.

Change Implementation Status: In Progress

Estimated First Ship Date: July 30, 2022 (date code: 2231)

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

Time Table Summary:

	December 2021		>	June 2022					July 2022							
Workweek	4 9	5 0	5 1	5 2	1		2 3	2 4	2 5	26	2 7	28	29	30	31	32
Initial PCN Issue Date		Х														
Qual Report Availability										Х						
Final PCN Issue Date										Х						
Estimated Implementation Date															Х	

Method to Identify Change: Traceability code

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

Revision History:December 9, 2021: Issued initial notification. June 20, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on July 30, 2022.

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-14OAOK129_Qual_Report.pdf

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

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If you wish to <u>receive Microchip PCNs via email</u> 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 <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. ASER-14OAOK129 - CCB 4694 Final Notice: Qualification of UAT as a new bumping facility for SST25VF010A-33-4I-ZAE catalog part number (CPN) available in 8L WLCSP (89 x 58.30 mils) package.

Affected Catalog Part Numbers (CPN)

SST25VF010A-33-4I-ZAE