Product Change Notification / MFOL-17YFJZ381

Date:

04-Mar-2024

Product Category:

8-Bit Microcontrollers, Ethernet Bridges, USB Bridge, USB Hubs

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6720 Final Notice: Implement new tray design for selected LAN951x, USB2660, USB2517, USB5534B, USB5533B, USB5532B, and USX2065 device families available in 64L QFN (9x9x0.9mm) package at ASE and STA assembly sites.

Affected CPNs:

MFOL-17YFJZ381_Affected_CPN_03042024.pdf
MFOL-17YFJZ381_Affected_CPN_03042024.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: Implement new tray design for selected LAN951x, USB2660, USB2517, USB5534B, USB5533B, USB5532B, and USX2065 device families available in 64L QFN (9x9x0.9mm) package at ASE and STA assembly sites.

Pre and Post Change Summary:

	Pre Change		Post Change	
Assembly Site	ASE Inc. (ASE)	STATS Chippac Ltd. (STA)	ASE Inc. (ASE)	STATS Chippac Ltd. (STA)
Tray Supplier	Sunrise		Daewon	
Tray Dimension	No dimensional changes. See Pre and Post change summary for comparison.			
Tray Pocket Design	See Pre and Post change summary for comparison.			
Tray Material	PPE + Carbon Fiber		MMPO	
Units per tray	260		260	
Quantity of Tray per stack	10 + 1		10 + 1	

Impacts to Data Sheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying new tray design.

Change Implementation Status: In Progress

Estimated First Ship Date: February 29, 2024 (date code: 2409)

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

Time Table Summary:

	January 2024					February 2024			
Workweek	01	02	03	04	05	06	07	08	09
Qual Report Availability				x					
Final PCN Issue Date				x					
Estimated Implementation Date									x

Method to Identify Change: Traceability code

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

Revision History: January 23, 2024: Issued final notification.
February 29, 2024: Re-issued final notification. Updated the affected parts list.

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

Attachments:

PCN_MFOL-17YFJZ381_Simulation Result and_Pre and Post Change Summary.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.
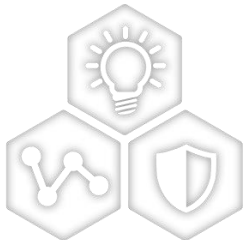
Affected Catalog Part Numbers (CPN)

USB2660I-JZX-03

USB5533B-6080JZX

LAN9513I-JZX

LAN9512-JZX

LAN9513-JZX

USB2517I-JZX

USB2517-JZX

LAN9512I-JZX

LAN9514-JZX

LAN9514I-JZX

USB5534B-6080JZX

USX2065-JZX

USB5532B-6080JZX

CCB 6720
PCN ID#: MFOL-17YFJZ381

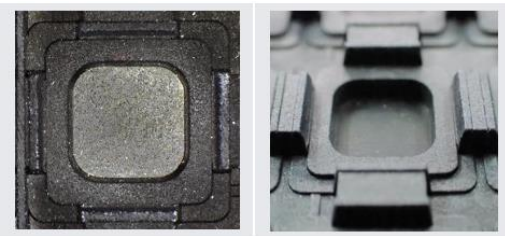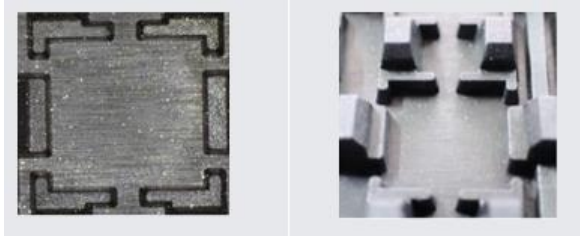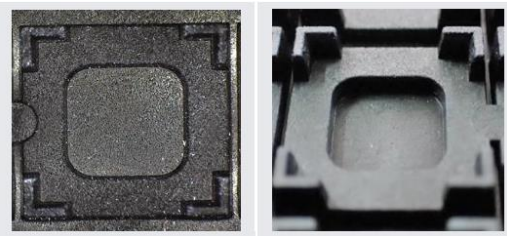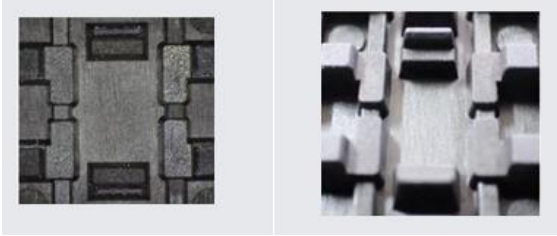A Leading Provider of Smart, Connected and Secure Embedded Control Solutions

SMART | CONNECTED | SECURE

Simulation Result

Simulation Result			
Supplier Tray	**Result of Simulate I**	**Result of simulation II**	**Result of simulation III**
DAEWON	No stuck unit	No M/C jam, No unit improperly seat in pocket	✅ No stuck unit PASS

MICROCHIP

Pre and Post Summary – Tray Pockets

ASE / STA (Sunrise)		ASE / STA (Daewon)	
Top View	Bottom View	Top View	Bottom View

Plant	Supplier	Tray Pockets Dimension
ASE / STA	Sunrise	0.08x2 = 0.16
ASE / STA	Daewon	0.030x2 = 0.06

MICROCHIP

Pre and Post Summary – Tray Dimension

ASE / STA (Sunrise)	ASE / STA (Daewon)
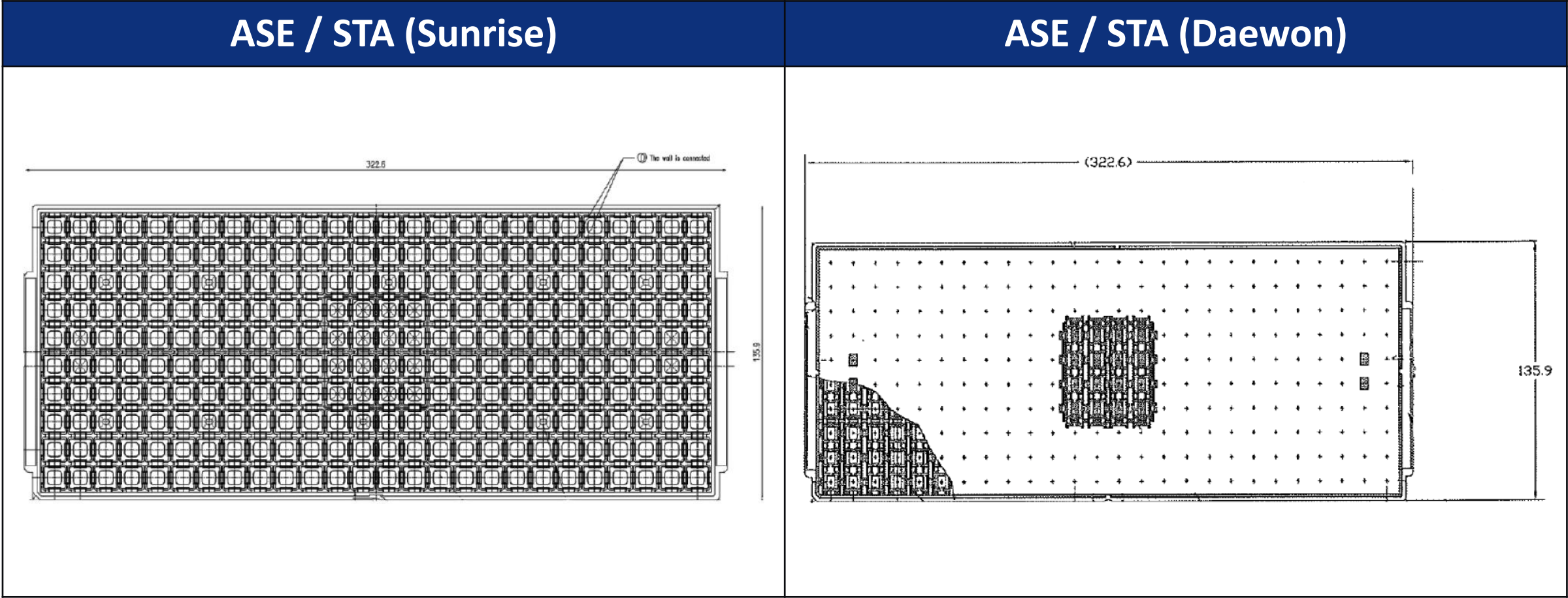
Plant	Supplier	Tray Dimension (L x W)
ASE / STA	Sunrise	322.6 x 135.9
ASE / STA	Daewon	322.6 x 135.9

MICROCHIP