



Product Change Notification / ASER-26CZWZ911

Date:

28-Jul-2022

Product Category:

Memory

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5218 Initial Notice: Qualification of MTAI as a new final test site for selected SST26VF016-80-5I-S2AE, SST26VF016-80-5I-QAE, SST26VF016-80-5I-S2AE-T and SST26VF016-80-5I-QAE-T catalog part numbers (CPN) available in 8L SOIJ (.208in) and 8L TDFN-S (6x5x0.8mm) packages.

Affected CPNs:

[ASER-26CZWZ911_Affected_CPN_07282022.pdf](#)

[ASER-26CZWZ911_Affected_CPN_07282022.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 MTAI as a new final test site for selected SST26VF016-80-5I-S2AE, SST26VF016-80-5I-QAE, SST26VF016-80-5I-S2AE-T and SST26VF016-80-5I-QAE-T catalog part numbers (CPN) available in 8L SOIJ (.208in) and 8L TDFN-S (6x5x0.8mm) packages.

Pre and Post Change Summary:

		Pre Change	Post Change
Final Test		King Yuan Electronics Company, Limited (KYE)	Microchip Technology Thailand (HQ) (MTAI)
Base Quantity Multiple (BQM)	8L TDFN-S Tube Package	98	98
	8L SOIJ Tube Package	90	90
	8L TDFN-S T/R Package	2000	2000
	8L SOIJ T/R Package	2100	2100
Pin 1 Orientation	8L TDFN-S Tube Package	Towards Gray Stopper	Towards Gray Stopper
	8L SOIJ Tube Package	White	White
	8L TDFN-S T/R Package	Quadrant 2	Quadrant 2
	8L SOIJ T/R Package	Quadrant 1	Quadrant 1
Tube		Minor dimensional changes. See Pre and Post Change Summary for comparison.	
Cover Tape		Minor dimensional changes. See Pre and Post Change Summary for comparison.	
Carrier Tape		Minor dimensional changes. See Pre and Post Change Summary for comparison.	
Plastic Reel		Minor dimensional changes. See Pre and Post Change Summary for comparison.	
Packing Method		See Pre and Post Change Summary for comparison.	

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve cycle time by qualifying MTAI as a new assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:August 2022

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:

	July 2022					August 2022				
Workweek	27	28	29	30	31	32	33	34	35	36
Initial PCN Issue Date					x					
Qual Report Availability								x		
Final PCN Issue Date								x		

Method to Identify Change:Traceability code**Qualification Plan:**Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.**Revision History:**July 28, 2022: 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.

Attachments:

[PCN_ASER-26CZWZ911_Pre and Post Change_Summary.pdf](#)
[PCN_ASER-26CZWZ911_Qual Plan.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.



MICROCHIP

**QUALIFICATION PLAN SUMMARY
RELIABILITY LABORATORY**

PCN #: ASER-26CZWZ911

Date: July 21, 2022

**Qualification of MTAI as a new final test site for selected
SST26VF016-80-5I-S2AE, SST26VF016-80-5I-QAE,
SST26VF016-80-5I-S2AE-T and SST26VF016-80-5I-QAE-T
catalog part numbers (CPN) available in 8L SOIJ (.208in) and
8L TDFN-S (6x5x0.8mm) packages.**



MICROCHIP PACKAGE QUALIFICATION REPORT

Purpose Qualification of MTAI as a new final test site for selected SST26VF016-80-5I-S2AE, SST26VF016-80-5I-QAE, SST26VF016-80-5I-S2AE-T and SST26VF016-80-5I-QAE-T catalog part numbers (CPN) available in 8L SOIJ (.208in) and 8L TDFN-S (6x5x0.8mm) packages.

CCB No. 5218

Test / Evaluation	Test Condition / Parameters
Original and Destination FT Site Correlation	<ul style="list-style-type: none">- > 5000 untested units run at both sites (FTC@-40 → 100%QC@-40C)- Delta yield less than 1%. All rejects match Bin2Bin or PE/TE approval
DC&AC Characterization	<ul style="list-style-type: none">- 33 good units run at both tester platforms and compare measurable AC & DC parameters- Variant within $\pm 10\%$ or explainable or PE/TE approval
Datalog Comparison	<ul style="list-style-type: none">- Single unit test on both tester platforms and compare datalog- All must be identical or explainable or PE/TE approval
Destination Test Stability Verification	<ul style="list-style-type: none">- Full site testing for 50 loops without datalog and with datalog- 100% pass or PE/TE approval

ASER-26CZWZ911 - CCB 5218 Initial Notice: Qualification of MTAI as a new final test site for selected SST26VF016-80-5I-S2AE, SST26VF016-80-5I-QAE, SST26VF016-80-5I-S2AE-T and SST26VF016-80-5I-QAE-T catalog part numbers (CPN) available in 8L SOIJ (.208in) and 8L TDFN-S (6x5x0.8mm) packages.

Affected Catalog Part Numbers (CPN)

SST26VF016-80-5I-S2AE

SST26VF016-80-5I-QAE

SST26VF016-80-5I-S2AE-T

SST26VF016-80-5I-QAE-T