



## Product Change Notification - RMES-16SQWG226

**Date:**

16 Apr 2020

**Product Category:**

Memory

**Affected CPNs:****Notification subject:**

CCB 2507 Final Notice: Qualification of Semiconductor Manufacturing International Corporation (SMIC) as an additional fabrication site for selected SST25PF020B, SST25VF020B, SST25VF040B and SST25VF080B device families.

**Notification text:****PCN Status:**

Final 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 Semiconductor Manufacturing International Corporation (SMIC) as an additional fabrication site for selected SST25PF020B, SST25VF020B, SST25VF040B and SST25VF080B device families.

**Pre Change:**

Device families SST25PF020B and SST25VF020B fabricated at Maxchip Electronics Corporation - Fab 8A (M08A) using 8-inch wafers

Device families SST25VF040B and SST25VF080B fabricated at Grace Semiconductor Manufacturing Company-Fab1 (GC01) using 8-inch wafers

**Post Change:**

Device families SST25PF020B and SST25VF020B fabricated at Maxchip Electronics Corporation - Fab 8A (M08A) using 8-inch wafers **or**

Fabricated at Semiconductor Manufacturing International Corporation SMIC - (SCB1) using 12-inch wafers

Device families SST25VF040B and SST25VF080B fabricated at Grace Semiconductor Manufacturing Company-Fab1 (GC01) using 8-inch wafers **or** Fabricated at Semiconductor Manufacturing International Corporation SMIC - (SCB1) using 12-inch wafers

**Pre and Post Change Summary:**

	Pre Change		Post Change	
<b>Affected device families</b>	SST25PF020B SST25VF020B	SST25VF040B SST25VF080B	SST25PF020B SST25VF020B	SST25VF040B SST25VF080B
<b>Fabrication Site and Location</b>	Maxchip Electronics Corporation - (M08A)  Hsin-chu, Taiwan	Grace Semiconductor Manufacturing Company-Fab1 (GC01)  Shanghai, China	Maxchip Electronics Corporation - (M08A) Hsin-chu, Taiwan  <b>or</b>  Semiconductor	Grace Semiconductor Manufacturing Company-Fab1 (GC01)  Shanghai, China  <b>or</b>



			Manufacturing International Corporation SMIC - (SCB1) Shanghai, China	Semiconductor Manufacturing International Corporation - (SCB1) Shanghai, China
<b>Wafer Diameter</b>	8 inches (200 mm)	8 inches (200 mm)	8 inches (200 mm) <b>or</b> 12 inches (304.8 mm)	8 inches (200 mm) <b>or</b> 12 inches (304.8 mm)
<b>Quality certification</b>	IATF 16949 ISO-14001	IATF 16949 ISO-14001	IATF 16949 ISO-14001 <b>or</b> ISO-9001 IATF 16949 ISO-14001	IATF 16949 ISO-14001 <b>or</b> ISO-9001 IATF 16949 ISO-14001

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve manufacturability by qualifying Semiconductor Manufacturing International Corporation as an additional fabrication site.

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

June 08, 2020 (date code: 2024)

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

**Time Table Summary:**

	April 2020					>	June 2020				
Workweek	14	15	16	17	18		23	24	25	26	27
Final PCN Issue Date			X								
Qual Report Availability			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:**

**April 16, 2020:** Issued final notification. Attached the qualification report. Provided estimated first ship date to be on June 08, 2020.

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\\_RMES-16SQWG226\\_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 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)

SST25PF020B-80-4C-QAE  
SST25PF020B-80-4C-QAE-T  
SST25PF020B-80-4C-SAE  
SST25PF020B-80-4C-SAE-T  
SST25VF020B-80-4C-QAE  
SST25VF020B-80-4C-QAE-T  
SST25VF020B-80-4C-SAE  
SST25VF020B-80-4C-SAE-T  
SST25VF020B-80-4I-QAE  
SST25VF020B-80-4I-QAE-T  
SST25VF020B-80-4I-SAE  
SST25VF020B-80-4I-SAE-T  
SST25VF040B-50-4C-QAF  
SST25VF040B-50-4C-QAF-T  
SST25VF040B-50-4C-S2AF  
SST25VF040B-50-4C-S2AF-T  
SST25VF040B-50-4C-SAF  
SST25VF040B-50-4C-SAF-T  
SST25VF040B-50-4I-QAE  
SST25VF040B-50-4I-QAE-T  
SST25VF040B-50-4I-QAF  
SST25VF040B-50-4I-QAF-T  
SST25VF040B-50-4I-S2AE  
SST25VF040B-50-4I-S2AE-T  
SST25VF040B-50-4I-S2AF  
SST25VF040B-50-4I-S2AF-T  
SST25VF040B-50-4I-SAE  
SST25VF040B-50-4I-SAE-T  
SST25VF040B-50-4I-SAF  
SST25VF040B-50-4I-SAF-T  
SST25VF080B-50-4C-PAE  
SST25VF080B-50-4C-QAF  
SST25VF080B-50-4C-QAF-T  
SST25VF080B-50-4C-S2AF  
SST25VF080B-50-4C-S2AF-T  
SST25VF080B-50-4I-QAE  
SST25VF080B-50-4I-QAE-T  
SST25VF080B-50-4I-QAF  
SST25VF080B-50-4I-QAF-T  
SST25VF080B-50-4I-S2AE  
SST25VF080B-50-4I-S2AE-T  
SST25VF080B-50-4I-S2AF  
SST25VF080B-50-4I-S2AF-T