



Product Change Notification - KSRA-24QPZA419

Date:

05 Dec 2019

Product Category:

Capacitive Touch Sensors; 8-bit Microcontrollers

Affected CPNs:**Notification subject:**

CCB 3976 Final Notice: Qualification of Global Foundries Fab 3/5 (GF35) fabrication site for the selected products of CAP12XX 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 Global Foundries Fab 3/5 (GF35) fabrication site for the selected products of CAP12XX device families

Pre Change:

Fabricated at Global Foundries, Singapore (Fab 3E) / GF3E using 8 inch wafers.

Post Change:

Fabricated at Global Foundries, Singapore (Fab 3/5) / GF35 using 8 inch wafers.

Pre and Post Change Summary:

	Pre Change	Post Change
Fab Site	Global Foundries, Singapore (Fab 3E) / GF3E	Global Foundries, Singapore (Fab 3/5) / GF35
Wafer Size	8 inch	8 inch
Quality Certification	ISO/TS16949	ISO/TS16949
Design / Lay-Out	No Change	No Change
Die Size	No Change	No Change

Impacts to Data Sheet:

None

Change Impact:

None

Reason for Change:

To improve on time delivery performance by qualifying Global Foundries Fab 3/5 (GF35) Fabrication site

Change Implementation Status:

In Progress

Estimated First Ship Date:

January 30, 2020 (date code: 2005)

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

Time Table Summary:



	October 2019					-->	December 2019				January 2020				
Workweek	40	41	42	43	44		49	50	51	52	01	02	03	04	05
Initial PCN Issue Date				X											
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:

October 25, 2019: Issued initial notification.

December 05, 2019: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on January 30, 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_KSRA-24QPZA419_Qual_Report.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)

CAP1293-1-SN
CAP1203-1-SN
CAP1206-1-SL
CAP1208-1-SL
CAP1296-1-SL
CAP1298-1-SL
CAP1293-1-AC3-TR
CAP1203-1-AC3-TR
CAP1206-1-AIA-TR
CAP1296-1-AIA-TR
CAP1293-1-SN-TR
CAP1293-2-SN-TR
CAP1203-1-SN-TR
CAP1203-2-SN-TR
CAP1206-1-SL-TR
CAP1206-2-SL-TR
CAP1208-1-SL-TR
CAP1208-2-SL-TR
CAP1296-1-SL-TR
CAP1298-1-SL-TR
CAP1298-2-SL-TR
CAP1208-1-A4-TR
CAP1298-1-A4-TR
CAP1208-2-A4-TR
CAP1298-2-A4-TR



QUALIFICATION REPORT SUMMARY

PCN#: KSRA-24QPZA419

**Date:
November 22, 2019**

**Qualification of Global Foundries Fab 3/5 (GF35) fabrication
site for the selected products of CAP12XX device families**

Purpose: Qualification of Global Foundries Fab 3/5 (GF35) fabrication site for the selected products of CAP12XX device families

CCB No.: 3976

Test / Evaluation	Test Conditions / Parameters	Result
WAT (Wafer Acceptance Test)	<ul style="list-style-type: none">• Compare WAT distribution of 5 wafers/mask• 3 lots - one from each mask. (15 wafers in total)	PASSED
Test Yield and Electrical Distribution	<ul style="list-style-type: none">• Compare Final Test Yield and Electrical Distribution of 5 wafers/mask• 3 lots – one from each mask. (15 wafers in total)	PASSED

Note: This Qualification will be QBS to products that were qualified and have been running at FAB 35