



Product Change Notification - KSRA-24QPZA419

Date:

30 Oct 2019

Product Category:

8-bit Microcontrollers; Capacitive Touch Sensors

Affected CPNs:**Notification subject:**

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

Notification text:**PCN Status:**

Initial 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 Qualification Completion Date:

December 2019

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:

	October 2019					-->	December 2019			
Workweek	40	41	42	43	44		49	50	51	52
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:

October 30, 2019: 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.

Attachment(s):

[PCN_KSRA-24QPZA419_Qual Plan.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)

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 PLAN SUMMARY

PCN#: KSRA-24QPZA419

**Date:
October 11, 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
WAT (Wafer Acceptance Test)	• Compare WAT distribution of 5 wafers/mask • 3 lots - one from each mask. (15 wafers in total)
Test Yield and Electrical Distribution	• Compare Final Test Yield and Electrical Distribution of 5 wafers/mask • 3 lots – one from each mask. (15 wafers in total)

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