Product Change Notification - JAON-04RQDY233

Date: 05 Mar 2018

Product Category: 16-Bit - Microcontrollers and Digital Signal Controllers

Notification subject: Memo # ML022018006J Final Notice: Production Test Program Change for selected products of the DSPIC33EP128GMxxx, DSPIC33EP256GMxxx and DSPIC33EP512GMxxx device families.

Notification text:

PCN Status:
Final Notification

PCN Type:
Manufacturing Change

Microchip Parts Affected:
Please open the attachments found in the attachments field below labeled as PCN_#_Affected_CPN.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change:
Production Test Program Change for selected products of the DSPIC33EP128GMxxx, DSPIC33EP256GMxxx and DSPIC33EP512GMxxx device families.

Pre Change:
AD23a Gain Error minimum limit is -10, upper limit is 10. HAD23a Gain Error minimum limit is -10, upper limit is 10.

Post Change:
AD23a Gain Error minimum limit is -15, upper limit is 15. HAD23a Gain Error minimum limit is -15, upper limit is 15.

Pre and Post Change Summary:

	Pre Change	Post Change
AD23a Gain Error	Min: -10 Max: 10	Min: -15 Max: 15
HAD23a Gain Error	Min: -10 Max: 10	Min: -15 Max: 15

Impacts to Data Sheet:
Yes. Datasheet AC characteristic update on AD23a Gain Error and HAD23a Gain Error.

Note: Microchip will issue a separate PCN after the datasheet is updated.

Change Impact:
None

Reason for Change:
To improve productivity by revising ADC2 Gain Error limits in the test program

Change Implementation Status:
In Progress

Estimated First Ship Date:
March 30, 2018 (date code: 1830)

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

Time Table Summary:

	March 2018				
Workweek	09	10	11	12	13

Final PCN Issue Date		X			
Estimated Implementation Date					X

Method to Identify Change:
Traceability code

Qualification Report:
Not Applicable

Revision History:
March 5, 2018: Issued final 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_JAON-04RQDY233_Affected_CPN.pdf
PCN_JAON-04RQDY233_Affected_CPN.xlsx

Please contact your local Microchip sales office with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to change your product/process change notification (PCN) profile please log on to our website at http://www.microchip.com/PCN sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change notification emails), click here to go to microchipDIRECT and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

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Affected Catalog Part Numbers (CPN)

PCN_JAON-04RQDY233
CATALOG_PART_NBR
DSPIC33EP128GM304-E/ML
DSPIC33EP128GM304-E/PT
DSPIC33EP128GM304-I/ML
DSPIC33EP128GM304-I/PT
DSPIC33EP128GM306-E/MR
DSPIC33EP128GM306-E/PT
DSPIC33EP128GM306-H/PT
DSPIC33EP128GM306-I/MR
DSPIC33EP128GM306-I/PT
DSPIC33EP128GM306T-I/PT
DSPIC33EP128GM310-E/BG
DSPIC33EP128GM310-E/PF
DSPIC33EP128GM310-E/PT
DSPIC33EP128GM310-H/BG
DSPIC33EP128GM310-I/BG
DSPIC33EP128GM310-I/PF
DSPIC33EP128GM310-I/PT
DSPIC33EP128GM310T-I/BG
DSPIC33EP128GM604-E/ML
DSPIC33EP128GM604-E/PT
DSPIC33EP128GM604-I/ML
DSPIC33EP128GM604-I/PT
DSPIC33EP128GM604-I/PTVAO
DSPIC33EP128GM706-E/MR
DSPIC33EP128GM706-E/PT
DSPIC33EP128GM706-H/MR
DSPIC33EP128GM706-H/PT
DSPIC33EP128GM706-I/MR
DSPIC33EP128GM706-I/PT
DSPIC33EP128GM706T-I/MR
DSPIC33EP128GM706T-I/PT
DSPIC33EP128GM710-E/BG
DSPIC33EP128GM710-E/PF
DSPIC33EP128GM710-E/PT
DSPIC33EP128GM710-H/BG
DSPIC33EP128GM710-I/BG
DSPIC33EP128GM710-I/PF
DSPIC33EP128GM710-I/PT
DSPIC33EP128GM710T-I/BG
DSPIC33EP128GM710T-I/PF
DSPIC33EP256GM304-E/ML
DSPIC33EP256GM304-E/PT
DSPIC33EP256GM304-I/ML

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Affected Catalog Part Numbers (CPN)

PCN_JAON-04RQDY233
CATALOG_PART_NBR
DSPIC33EP256GM304-I/PT
DSPIC33EP256GM306-E/MR
DSPIC33EP256GM306-E/PT
DSPIC33EP256GM306-H/PT
DSPIC33EP256GM306-I/MR
DSPIC33EP256GM306-I/PT
DSPIC33EP256GM306T-I/PT
DSPIC33EP256GM310-E/BG
DSPIC33EP256GM310-E/PF
DSPIC33EP256GM310-E/PT
DSPIC33EP256GM310-H/BG
DSPIC33EP256GM310-I/BG
DSPIC33EP256GM310-I/PF
DSPIC33EP256GM310-I/PT
DSPIC33EP256GM310T-I/BG
DSPIC33EP256GM310T-I/PT
DSPIC33EP256GM604-E/ML
DSPIC33EP256GM604-E/PT
DSPIC33EP256GM604-E/PTVAO
DSPIC33EP256GM604-I/ML
DSPIC33EP256GM604-I/PT
DSPIC33EP256GM604T-E/PTVAO
DSPIC33EP256GM706-E/MR
DSPIC33EP256GM706-E/PT
DSPIC33EP256GM706-H/PT
DSPIC33EP256GM706-I/MR
DSPIC33EP256GM706-I/PT
DSPIC33EP256GM706T-I/PT
DSPIC33EP256GM710-E/BG
DSPIC33EP256GM710-E/PF
DSPIC33EP256GM710-E/PT
DSPIC33EP256GM710-H/BG
DSPIC33EP256GM710-I/BG
DSPIC33EP256GM710-I/PF
DSPIC33EP256GM710-I/PT
DSPIC33EP256GM710T-I/BG
DSPIC33EP512GM304-E/ML
DSPIC33EP512GM304-I/ML
DSPIC33EP512GM304-I/PT
DSPIC33EP512GM306-E/MR
DSPIC33EP512GM306-E/PT
DSPIC33EP512GM306-H/PT
DSPIC33EP512GM306-I/MR

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Affected Catalog Part Numbers (CPN)

PCN_JAON-04RQDY233
CATALOG_PART_NBR
DSPIC33EP512GM306-I/PT
DSPIC33EP512GM306-I/PTC01
DSPIC33EP512GM306T-I/PT
DSPIC33EP512GM306T-I/PTC01
DSPIC33EP512GM310-E/BG
DSPIC33EP512GM310-E/PF
DSPIC33EP512GM310-E/PT
DSPIC33EP512GM310-H/BG
DSPIC33EP512GM310-I/BG
DSPIC33EP512GM310-I/PF
DSPIC33EP512GM310-I/PT
DSPIC33EP512GM310T-I/BG
DSPIC33EP512GM310T-I/PF
DSPIC33EP512GM310T-I/PT
DSPIC33EP512GM604-E/ML
DSPIC33EP512GM604-E/PT
DSPIC33EP512GM604-I/ML
DSPIC33EP512GM604-I/PT
DSPIC33EP512GM706-E/MR
DSPIC33EP512GM706-E/PT
DSPIC33EP512GM706-H/PT
DSPIC33EP512GM706-I/MR
DSPIC33EP512GM706-I/MRC01
DSPIC33EP512GM706-I/PT
DSPIC33EP512GM706T-I/MRC01
DSPIC33EP512GM706T-I/PT
DSPIC33EP512GM710-E/BG
DSPIC33EP512GM710-E/PF
DSPIC33EP512GM710-E/PT
DSPIC33EP512GM710-E/PTVAO
DSPIC33EP512GM710-H/BG
DSPIC33EP512GM710-H/PT
DSPIC33EP512GM710-H/PTVAO
DSPIC33EP512GM710-I/BG
DSPIC33EP512GM710-I/PF
DSPIC33EP512GM710-I/PT
DSPIC33EP512GM710T-E/PTVAO
DSPIC33EP512GM710T-H/PTVAO
DSPIC33EP512GM710T-I/BG