



## Product Change Notification / SYST-11PJWX253

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**Date:**

16-Jun-2021

**Product Category:**

32-bit Microcontrollers

**PCN Type:**

Document Change

**Notification Subject:**

Data Sheet - PIC32CM MC00 Family Datasheet

**Affected CPNs:**

[SYST-11PJWX253\\_Affected\\_CPN\\_06162021.pdf](#)  
[SYST-11PJWX253\\_Affected\\_CPN\\_06162021.csv](#)

**Notification Text:**

SYST-11PJWX253

Microchip has released a new Product Documents for the PIC32CM MC00 Family Datasheet of devices. If you are using one of these devices please read the document located at [PIC32CM MC00 Family Datasheet](#).

**Notification Status:** Final

**Description of Change:**

5-Volt, 128-KB Flash, 16-KB SRAM with Advanced Analog:  
- Addition of AEC-Q100 Grade qualifications

Configuration Summary:  
- Removed a redundant table

Ordering Information:  
- Added a note for AEC-Q100 Qualification

PDEC:

- Updated the equation for Filtering in Input Selection and Filtering
- Added SYNBUSY.STATUS verbiage to the STATUS register for the following bit fields:
  - HERR
  - WINERR
  - MPERR
  - IDXERR
  - QERR

Electrical Specifications at 85 :

- Updated the Conditions column for the last two rows of the table in I/O Pin Electrical Specifications
- Removed the Minimum Specification for XOSC\_35 in External Crystal Oscillator and Clock (XOSC) Electrical Specifications
- Removed the Min. and Max. Specifications for XOSC32\_19 in External 32 kHz Crystal Oscillator (XOSC32K) Electrical Specifications
- Updated the Min. and Max. Specifications for OSC48M\_1 in Internal 48 MHz RC Oscillator (OSC48M)
- Removed a Redundant table from Fractional Digital Phase Locked Loop (FDPLL96M)
- Updated the Min., Max and Units Specifications for SDAC\_23 and SDAC\_25 in Digital-to-Analog Converter (DAC) Electrical Specifications
- Added a note to Temperature Sensor (TSENS)

Electrical Specifications Electrical Specifications at 125 :

- Updated the Min. and Max. Specifications for OSC48M\_1 in the table in Internal 48 MHz RC Oscillator (OSC48M)
- Updated the Min., Max. and Units specifications for SDAC\_23 and SDAC\_25 in DAC Module Electrical Specifications

**Impacts to Data Sheet:** None

**Reason for Change:** To Improve Manufacturability

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 16 June 2021

**NOTE:** Please be advised that this is a change to the document only the product has not been changed.

**Markings to Distinguish Revised from Unrevised Devices:** N/A

## Attachments:

[PIC32CM MC00 Family Datasheet](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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