



Product Change Notification / SYST-11PJWX253

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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Affected Catalog Part Numbers (CPN)

PIC32CM1216MC00032-E/PT
PIC32CM1216MC00032-E/RTB
PIC32CM1216MC00032-I/PT
PIC32CM1216MC00032-I/RTB
PIC32CM1216MC00032T-E/PT
PIC32CM1216MC00032T-E/RTB
PIC32CM1216MC00032T-I/PT
PIC32CM1216MC00032T-I/RTB
PIC32CM1216MC00048-E/U5B
PIC32CM1216MC00048-E/Y8X
PIC32CM1216MC00048-I/U5B
PIC32CM1216MC00048-I/Y8X
PIC32CM1216MC00048T-E/U5B
PIC32CM1216MC00048T-E/Y8X
PIC32CM1216MC00048T-I/U5B
PIC32CM1216MC00048T-I/Y8X
PIC32CM6408MC00032-E/PT
PIC32CM6408MC00032-E/RTB
PIC32CM6408MC00032-I/PT
PIC32CM6408MC00032-I/RTB
PIC32CM6408MC00032T-E/PT
PIC32CM6408MC00032T-E/RTB
PIC32CM6408MC00032T-I/PT
PIC32CM6408MC00032T-I/RTB
PIC32CM6408MC00048-E/U5B
PIC32CM6408MC00048-E/Y8X
PIC32CM6408MC00048-I/U5B
PIC32CM6408MC00048-I/Y8X
PIC32CM6408MC00048T-E/U5B
PIC32CM6408MC00048T-E/Y8X
PIC32CM6408MC00048T-I/U5B
PIC32CM6408MC00048T-I/Y8X