



Product Change Notification / SYST-27TTYI492

Date:

28-Jul-2021

Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers

PCN Type:

Document Change

Notification Subject:

Data Sheet - dsPIC33CK256MP508 Family Data Sheet

Affected CPNs:

[SYST-27TTYI492_Affected_CPN_07282021.pdf](#)

[SYST-27TTYI492_Affected_CPN_07282021.csv](#)

Notification Text:

SYST-27TTYI492

Microchip has released a new Product Documents for the dsPIC33CK256MP508 Family Data Sheet of devices. If you are using one of these devices please read the document located at [dsPIC33CK256MP508 Family Data Sheet](#).

Notification Status: Final

Description of Change:

- Sections:

- Corrected formatting in the 36-Pin Diagram.
- Updated Section 4.3 "BIST Overview", Section 4.3.1 "BIST at Start-up", Section 5.3.2 "Error Correcting Code (ECC)", Section 13.0 "High-Speed, 12-Bit Analog-to-Digital Converter (ADC)", Section 13.3 "Analog-to-Digital Converter Resources", Section 30.4 "On-Chip Voltage Regulators" and the 36-Lead (M5) [UQFN] package drawings.

- Tables:

- Updated Table 7-2, Table 7-3, Table 7-4, Table 7-5, Table 33-15, Table 33-36, Table 33-38 and Table 33-41.
- Removed Table 34-18: ADC Module Specifications.
- Added Table 13-2 after Register 13-27.

- Registers:

- Updated Register 5-1, Register 9-10, Register 13-27, Register 28-1, Register 30-6 and Register 30-20.

- **Figures:**

- Updated Figure 13-1 and Figure 30-1.

- **Examples:**

- Updated Example 8-1.

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 28 July 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:

[dsPIC33CK256MP508 Family Data Sheet](#)

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

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Affected Catalog Part Numbers (CPN)

ASIL-BS-DSPIC33CK256MP508
ASIL-FL-DSPIC33CK256MP508
ASIL-FL-DSPIC33CK256MP508-M
DSPIC33CK256MP508-E/PT
DSPIC33CK256MP508-E/PTC02
DSPIC33CK256MP508-E/PTVAO
DSPIC33CK256MP508-H/PT
DSPIC33CK256MP508-I/PT
DSPIC33CK256MP508-I/PTC03
DSPIC33CK256MP508T-E/PT
DSPIC33CK256MP508T-E/PTC02
DSPIC33CK256MP508T-E/PTVAO
DSPIC33CK256MP508T-I/PT
DSPIC33CK256MP508T-I/PTC03