



Product Change Notification / SYST-20LEVB078

Date:

01-Jul-2022

Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers

PCN Type:

Document Change

Notification Subject:

Data Sheet - dsPIC33CK256MP508 Family Data Sheet Document Revision

Affected CPNs:

[SYST-20LEVB078_Affected_CPN_07012022.pdf](#)

[SYST-20LEVB078_Affected_CPN_07012022.csv](#)

Notification Text:

SYST-20LEVB078

Microchip has released a new Datasheet 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: - Updated "Functional Safety Readiness – ISO 26262/IEC 61508/IEC 60730", Section 13.2 "Temperature Sensor", Section 16.0 "Universal Asynchronous Receiver Transmitter (UART)", Section 28.0 "Deadman Timer (DMT)", Section 29.3 "Doze Mode", Section 30.5 "Brown-out Reset (BOR)" and Section 30.6 "Dual Watchdog Timer (WDT)". - Added Section 9.4.1 "Primary Oscillator Pin Functionality".
- Tables: - Updated Table 1, Table 2, Table 1-1, Table 4-9, Table 7-1, Table 8-1, Table 31-2, Table 33-4 and Table 33-36. - Added Table 33-5, Table 33-5, Table 33-37 and Table 33-38.
- Registers: - Updated Register 7-7, Register 11-7, Register 11-8, Register 13-28, Register 15-7, Register 15-10, Register 15-17, Register 28-1, Register 28-2, Register 28-3, Register 28-4, Register 30-13 and Register 30-20.
- Figures: - Updated Figure 4-2, Figure 4-3, Figure 4-4, Figure 4-5, Figure 33-18 and Figure 33-19.
- Equations: - Updated Equation 18-1.

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 01 July 2022

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)

DSPIC33CK256MP202-E/2N
DSPIC33CK256MP502-E/2N
DSPIC33CK256MP202-E/2NC01
DSPIC33CK64MP202-E/2NC02
DSPIC33CK128MP202-E/2N
DSPIC33CK128MP502-E/2N
DSPIC33CK64MP202-E/2N
DSPIC33CK64MP502-E/2N
DSPIC33CK32MP202-E/2N
DSPIC33CK32MP502-E/2N
DSPIC33CK256MP202-E/SS
DSPIC33CK256MP502-E/SS
DSPIC33CK128MP202-E/SS
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DSPIC33CK32MP502-E/SSVAO
DSPIC33CK256MP205-E/M4
DSPIC33CK256MP505-E/M4
DSPIC33CK128MP205-E/M4C01
DSPIC33CK64MP205-E/M4C02
DSPIC33CK64MP205-E/M4C03
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