



## Product Change Notification / SYST-19JNVN724

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### Date:

20-Oct-2020

### Product Category:

16-Bit - Microcontrollers and Digital Signal Controllers

### PCN Type:

Document Change

### Notification Subject:

Data Sheet - dsPIC33CK64MP105 Family Data Sheet

### Affected CPNs:

[SYST-19JNVN724\\_Affected\\_CPN\\_10202020.pdf](#)

[SYST-19JNVN724\\_Affected\\_CPN\\_10202020.csv](#)

### Notification Text:

SYST-19JNVN724

Microchip has released a new Product Documents for the dsPIC33CK64MP105 Family Data Sheet of devices. If you are using one of these devices please read the document located at [dsPIC33CK64MP105 Family Data Sheet](#).

### Notification Status: Final

**Description of Change:** This revision incorporates the following updates:

1) Sections:

a. Updated “Operating Conditions”, “Microcontroller Features”, “Safety Features”, “Functional Safety Collateral”, “Qualification Support”, “Pin Diagrams”, Section 5.5 “Flash OTP by ICSP™ Write Inhibit”, Section 9.6 “Low-Power RC (LPRC) Oscillator”, Section 16.0 “Serial Peripheral Interface (SPI)”, Section 28.5 “Brown-out Reset (BOR)” and Section 28.7 “JTAG Interface”.

b. Added Section 2.5 “External Oscillator Pins”, Section 2.6 “External Oscillator Layout Guidance” and Section 12.2 “Sampling Time Requirements”.

2. Tables:

a. Updated Table 4-6 and Table 31-33, Table 31-34, Table 31-35, Table 31-36, Table 31-37,

Table 31-38, Table 32-3, Table 32-5, Table 32-6, Table 32-7, Table 32-8, Table 32-9, Table 32-10, Table 32-12, Table 32-13, Table 32-14, Table 32-16, Table 32-18 and Table 32-19.

3. Figures:

a. Updated Figure 1-1, Figure 12-4 and Figure 19-1.

4. Registers:

a. Updated Register 12-3, Register 12-6, Register 12-12, Register 13-1 and Register 14-2.

**Impacts to Data Sheet:** None

**Reason for Change:** To Improve Productivity

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 20 Oct 2020

**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:**

[dsPIC33CK64MP105 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)

DSPIC33CK32MP102-E/2N  
DSPIC33CK32MP102-E/M6  
DSPIC33CK32MP102-E/SS  
DSPIC33CK32MP102-H/2N  
DSPIC33CK32MP102-H/M6  
DSPIC33CK32MP102-H/SS  
DSPIC33CK32MP102-I/2N  
DSPIC33CK32MP102-I/M6  
DSPIC33CK32MP102-I/SS  
DSPIC33CK32MP102T-E/2N  
DSPIC33CK32MP102T-E/M6  
DSPIC33CK32MP102T-E/SS  
DSPIC33CK32MP102T-E/SSV01  
DSPIC33CK32MP102T-I/2N  
DSPIC33CK32MP102T-I/M6  
DSPIC33CK32MP102T-I/SS  
DSPIC33CK32MP103-E/M5  
DSPIC33CK32MP103-H/M5  
DSPIC33CK32MP103-I/M5  
DSPIC33CK32MP103T-E/M5  
DSPIC33CK32MP103T-I/M5  
DSPIC33CK32MP105-E/M4  
DSPIC33CK32MP105-E/PT  
DSPIC33CK32MP105-H/M4  
DSPIC33CK32MP105-H/PT  
DSPIC33CK32MP105-I/M4  
DSPIC33CK32MP105-I/PT  
DSPIC33CK32MP105T-E/M4  
DSPIC33CK32MP105T-E/PT  
DSPIC33CK32MP105T-I/M4  
DSPIC33CK32MP105T-I/PT  
DSPIC33CK64MP102-E/2N  
DSPIC33CK64MP102-E/M6  
DSPIC33CK64MP102-E/M6C01  
DSPIC33CK64MP102-E/SS  
DSPIC33CK64MP102-E/SSC01  
DSPIC33CK64MP102-E/SSVAO  
DSPIC33CK64MP102-H/2N  
DSPIC33CK64MP102-H/M6  
DSPIC33CK64MP102-H/SS  
DSPIC33CK64MP102-I/2N  
DSPIC33CK64MP102-I/M6  
DSPIC33CK64MP102-I/SS  
DSPIC33CK64MP102T-E/2N  
DSPIC33CK64MP102T-E/M6  
DSPIC33CK64MP102T-E/M6C01

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DSPIC33CK64MP105-I/M4  
DSPIC33CK64MP105-I/PT  
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