Product Change Notification / SYST-20FGYK816

Date:

25-Jan-2021

Product Category:

32-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

Data Sheet - PIC32MK GENERAL PURPOSE AND MOTOR CONTROL (GPK/MCM) WITH CAN FD FAMILY

Affected CPNs:

SYST-20FGYK816_Affected_CPN_01252021.pdf
SYST-20FGYK816_Affected_CPN_01252021.csv

Notification Text:

SYST-20FGYK816

Microchip has released a new Product Documents for the PIC32MK GENERAL PURPOSE AND MOTOR CONTROL (GPK/MCM) WITH CAN FD FAMILY of devices. If you are using one of these devices please read the document located at PIC32MK GENERAL PURPOSE AND MOTOR CONTROL (GPK/MCM) WITH CAN FD FAMILY

Notification Status: Final

Description of Change: This revision included typographical changes throughout the document. The following updates were made for this revision of the document
1. Section: General
 • Updated Master and Slave terminology throughout the document to "Host" and "Client"
2. Section 1.0 "Device Overview":
 • Updated the program memory bit width from 128 to 140 in FIGURE 1-1: "PIC32MK GPK/MCM with CAN FD Family Block Diagram"
3. Section 7.0 "Resets":
 •Updated Register 7-3 RNMICON: Non-Maskable Interrupt (NMI) Control Register with a new description and note for bit 24 and the addition of a new bit 16 description.
4. Section 8.0 "CPU Exceptions and Interrupt Controller"
• Updated Table 8-1, "ISR Latency Information," on page 122 with correct nomenclature to reference binary

values
5. Section 9.0 "Oscillator Configuration"
• Updated Register 9-1 OSCCON: Oscillator Control Register with a new bit description and information in the note for bit 7 CLKLOCK.
6. Section 28.0 "Charge Time Measurement Unit (CTMU)"
• Updated definition for EDG1SEL<_x0033_:_x0030_> (CTMUCON<_x0032_9:_x0032_6>) and EDG2SEL<_x0033_:_x0030_> (CTMUCON<_x0032_9:_x0032_6>) for bit value - 4'b1

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 25 Jan 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:

PIC32MK GENERAL PURPOSE AND MOTOR CONTROL (GPK/MCM) WITH CAN FD FAMILY

Please contact your local Microchip sales office with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

PIC32MK0512GPK064-E/MR
PIC32MK0512GPK064-E/PT
PIC32MK0512GPK064-I/MR
PIC32MK0512GPK064-I/PT
PIC32MK0512GPK064T-E/MR
PIC32MK0512GPK064T-E/PT
PIC32MK0512GPK064T-I/MR
PIC32MK0512GPK064T-I/PT
PIC32MK0512GPK100-E/PT
PIC32MK0512GPK100-I/PT
PIC32MK0512GPK100T-E/PT
PIC32MK0512GPK100T-I/PT
PIC32MK0512MCM064-E/MR
PIC32MK0512MCM064-E/PT
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