MICROCHIP

Product Change Notification / SYST-19FKGF750

Date:

21-Dec-2022

Product Category:

8-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

ERRATA - PIC16(L)F18424/44 Silicon Errata and Data Sheet Clarifications

Affected CPNs:

SYST-19FKGF750_Affected_CPN_12212022.pdf
SYST-19FKGF750_Affected_CPN_12212022.csv

Notification Text:

SYST-19FKGF750

Microchip has released a new Errata for the PIC16(L)F18424/44 Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at PIC16(L)F18424/44 Silicon Errata and Data Sheet Clarifications.

Notification Status: Final

Description of Change: • Split existing errata into two documents. This errata will continue to document issues with the PIC16(L)F18424/44 family and its data sheet (DS40002000). Silicon and data sheet issues for the PIC16(L)F18425/45 family (DS40002002) are now documented in Microchip errata DS80001067.
• Added new Silicon Revision (A2)
• Updated Table.1 - Silicon Device Identification
• Added new errata: – 1.1.2, Double Sample Conversions (ADCC) – 1.1.3, ADC Conversion Acquisition Time in Sleep (ADCC) – 1.2.1, Missing Codes with FVR Reference – 1.3.1, The I2C Start and/or Stop Flags May Be Set When I2C Is Enabled – 1.4.1, Low-Voltage Programming Not Possible – 1.6.2, PFM Back to Back Writes – 1.7.1, Wrong Duty Cycle for CCP Module – 1.8.1, Reset Bit (SMT) – 1.9.1, Synchronous Mode Transmissions (USART) – 1.9.2, Double Byte Transmit (USART) B 11/2020 Added Silicon issue 1.2.2 for Electrical Spec; Other minor

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Estimated First Ship Date: 21 December 2022

NOTE: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Markings to Distinguish Revised from Unrevised Devices: Traceability Code

Attachments:

PIC16(L)F18424/44 Silicon Errata and Data Sheet Clarifications

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

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