

Product Change Notification - SYST-20DPMD497

Date:

21 Dec 2019

Product Category:

8-bit Microcontrollers

Affected CPNs:

7 🔊

Notification subject:

ERRATA - PIC18F25/45/55Q43 Silicon Errata and Data Sheet Clarifications

Notification text:

SYST-20DPMD497 Microchip has released a new Product Documents for the PIC18F25/45/55Q43 Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at <u>PIC18F25/45/55Q43 Silicon Errata and Data</u> <u>Sheet Clarifications</u>.

Notification Status: Final

Description of Change:

1) Initial document release.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 21 Dec 2019

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

Attachment(s):

PIC18F25/45/55Q43 Silicon Errata and Data Sheet Clarifications

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PIC18F25Q43-E/ML PIC18F25Q43-E/SO PIC18F25Q43-E/SP PIC18F25Q43-E/SS PIC18F25Q43-I/ML PIC18F25Q43-I/SO PIC18F25Q43-I/SP PIC18F25Q43-I/SS PIC18F25Q43T-I/ML PIC18F25Q43T-I/SO PIC18F25Q43T-I/SS PIC18F45Q43-E/ML PIC18F45Q43-E/P PIC18F45Q43-E/PT PIC18F45Q43-I/ML PIC18F45Q43-I/P PIC18F45Q43-I/PT PIC18F45Q43T-I/ML PIC18F45Q43T-I/PT PIC18F55Q43-E/6LX PIC18F55Q43-E/PT PIC18F55Q43-I/6LX PIC18F55Q43-I/PT PIC18F55Q43T-I/6LX PIC18F55Q43T-I/PT



PIC18F25/45/55Q43

PIC18F25/45/55Q43 Silicon Errata and Data Sheet Clarifications

The PIC18F25/45/55Q43 devices that you have received conform functionally to the current device data sheet (DS40002170A), except for the anomalies described in this document.

The silicon issues discussed in the following pages are for silicon revisions with the Device and Revision IDs listed in the table below.

The errata described in this document will be addressed in future revisions of the PIC18F25/45/55Q43 silicon.

Note: This document summarizes all silicon errata issues from all revisions of silicon, previous as well as current.

Table 1. Silicon Device Identification

Part Number	Device ID	Revision ID
Fait Nulliper		В0
PIC18F25Q43	0x73C0	0xA040
PIC18F45Q43	0x73E0	0xA040
PIC18F55Q43	0x7400	0xA040



Important: Refer to the Device/Revision ID section in the current "PIC18FXXQ43 Memory Programming Specification" (DS40002079D) for more detailed information on Device Identification and Revision IDs for your specific device.

Table 2. Silicon Issue Summary

Module	Feature	Item No.	Issue Summary	Affected Revisions
Mouule	reature	item no.	issue Summary	В0
ADCC	Capacitive Voltage Divider	1.1.1	CVD is not functional	Х
Note: Only those issu	ues indicated in the last	column apply to the cur	rent silicon revision.	

1. Silicon Errata Issues



Notice: This document summarizes all silicon errata issues from all revisions of silicon, previous as well as current. Only the issues indicated by the bold font in the following tables apply to the current silicon revision.

1.1 Module: Analog-to-Digital Converter with Computation (ADCC)

1.1.1 Capacitive Voltage Divider (CVD)

The CVD feature is not functional. This feature is not recommended for use.

Work around

None.

Affected Silicon Revisions

B0				
X				

2. Data Sheet Clarifications

2.1 None

There are no known data sheet clarifications as of this publication date.

3. APPENDIX A: Revision History

Doc Rev.	Date	Comments
A	12/2019	Initial document release.

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