



## Product Change Notification - SYST-20MUAQ669

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**Date:**

21 Dec 2019

**Product Category:**

8-bit Microcontrollers

**Affected CPNs:****Notification subject:**

ERRATA - PIC18F27/47/57Q43 Family Silicon Errata and Data Sheet Clarifications Errata Document Revision

**Notification text:**

SYST-20MUAQ669

Microchip has released a new Product Documents for the PIC18F27/47/57Q43 Family Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at [PIC18F27/47/57Q43 Family Silicon Errata and Data Sheet Clarifications](#).

**Notification Status:** Final

**Description of Change:** PIC18F27/47/57 Q43 Silicon Errata and Datasheet Clarification Initial Release

**Pre Change:** n/a

**Post Change:** n/a

**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):**

[PIC18F27/47/57Q43 Family Silicon Errata and Data Sheet Clarifications](#)

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Affected Catalog Part Numbers (CPN)

PIC18F27Q43-E/ML  
PIC18F27Q43-E/SO  
PIC18F27Q43-E/SP  
PIC18F27Q43-E/SS  
PIC18F27Q43-I/ML  
PIC18F27Q43-I/SO  
PIC18F27Q43-I/SP  
PIC18F27Q43-I/SS  
PIC18F27Q43T-I/ML  
PIC18F27Q43T-I/SO  
PIC18F27Q43T-I/SS  
PIC18F47Q43-E/ML  
PIC18F47Q43-E/P  
PIC18F47Q43-E/PT  
PIC18F47Q43-I/ML  
PIC18F47Q43-I/P  
PIC18F47Q43-I/PT  
PIC18F47Q43T-I/ML  
PIC18F47Q43T-I/PT  
PIC18F57Q43-E/6LX  
PIC18F57Q43-E/PT  
PIC18F57Q43-I/6LX  
PIC18F57Q43-I/PT  
PIC18F57Q43T-I/6LX  
PIC18F57Q43T-I/PT

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## PIC18F27/47/57Q43 Family Silicon Errata and Data Sheet Clarifications

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The PIC18F27/47/57Q43 devices that you have received conform functionally to the current device data sheet (DS40002147B), 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 PIC18F27/47/57Q43 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
		B0
PIC18F27Q43	0x7480	0xA040
PIC18F47Q43	0x74A0	0xA040
PIC18F57Q43	0x74C0	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
				B0
ADCC	Capacitive Voltage Divider	1.1.1	CVD is not functional	X
<b>Note:</b> Only those issues indicated in the last column apply to the current 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.

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### 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

<b>B0</b>							
<b>X</b>							

## **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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