



## Product Change Notification / SYST-07ZGQH440

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### Date:

11-Oct-2022

### Product Category:

8-bit Microcontrollers

### PCN Type:

Document Change

### Notification Subject:

ERRATA - PIC16F18054/55/74/75 Family Silicon Errata and Data Sheet Clarifications

### Affected CPNs:

[SYST-07ZGQH440\\_Affected\\_CPN\\_10112022.pdf](#)

[SYST-07ZGQH440\\_Affected\\_CPN\\_10112022.csv](#)

### Notification Text:

SYST-07ZGQH440

Microchip has released a new Errata for the PIC16F18054/55/74/75 Family Silicon Errata and Data Sheet Clarifications of devices. If you are using one of these devices please read the document located at [PIC16F18054/55/74/75 Family Silicon Errata and Data Sheet Clarifications](#).

**Notification Status:** Final

**Description of Change:** Added silicon issue 1.1.1.

**Impacts to Data Sheet:** None

**Reason for Change:** To Improve Productivity

**Change Implementation Status:** Complete

**Date Document Changes Effective:** 11 Oct 2022

**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:

[PIC16F18054/55/74/75 Family Silicon Errata and Data Sheet Clarifications](#)

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Affected Catalog Part Numbers (CPN)

PIC16F18055-I/SS

PIC16F18055-I/STX

PIC16F18075-I/MP

PIC16F18075-I/P

PIC16F18075-I/PT



# PIC16F18054/55/74/75

## PIC16F18054/55/74/75 Family Silicon Errata and Data Sheet Clarifications

The PIC16F18054/55/74/75 devices that you have received conform functionally to the current device data sheet (DS40002338B), 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 PIC16F18054/55/74/75 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	
		A0	A1
PIC16F18054	0x30FB	0xA000	0xA001
PIC16F18055	0x30FC	0xA000	0xA001
PIC16F18074	0x30FD	0xA000	0xA001
PIC16F18075	0x30FE	0xA000	0xA001

## Silicon Issue Summary

Table 2. Silicon Issue Summary

Module	Feature	Item No.	Issue Summary	Affected Revisions	
				A0	A1
Configuration Words (CONFIG)	Sleep	1.1.1	Waking from Sleep may cause unexpected behavior.	X	

**Note:** Only those issues indicated in the last column apply to the current silicon revision.

# 1. Silicon Errata Issues

**CAUTION**

**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: Configuration Words (CONFIG)

### 1.1.1 Waking from Sleep May Cause Unexpected Behavior

Waking from Sleep may cause unexpected behavior.

**Work around**

Do not use the `SLEEP` instruction. If clock switching is available and there is a need for reduced current consumption, switch to the slowest system clock.

**Affected Silicon Revisions**

A0	A1						
X							

## **2. Data Sheet Clarifications**

The following typographic corrections and clarifications are to be noted for the latest version of the device data sheet (DS40002338B):

**Note:**

Corrections are shown in **bold**. Where possible, the original bold text formatting has been removed for clarity.

### **2.1 None**

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

**3. Appendix A: Revision History**

<b>Doc Rev.</b>	<b>Date</b>	<b>Comments</b>
C	10/2022	Added silicon issue 1.1.1.
B	6/2022	Added silicon revision A1.
A	3/2022	Initial release of this document.



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