



Product Change Notification / SYST-29TEJC428

Date:

30-Jun-2022

Product Category:

8-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

ERRATA - PIC16F18015/25/44/45 Family Silicon Errata and Datasheet Clarifications Silicon Die Revision Addition

Affected CPNs:

[SYST-29TEJC428_Affected_CPN_06302022.pdf](#)

[SYST-29TEJC428_Affected_CPN_06302022.csv](#)

Notification Text:

SYST-29TEJC428

Microchip has released a new Errata for the PIC16F18015/25/44/45 Family Silicon Errata and Datasheet Clarifications of devices. If you are using one of these devices please read the document located at [PIC16F18015/25/44/45 Family Silicon Errata and Datasheet Clarifications](#).

Notification Status: Final

Description of Change: Adds silicon revision A2.

Impacts to Data Sheet: None

Reason for Change: To improve productivity

Change Implementation Status: Complete

Estimated First Ship Date: 30 July 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: Traceability Code

Attachments:

[PIC16F18015/25/44/45 Family Silicon Errata and Datasheet Clarifications](#)

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Affected Catalog Part Numbers (CPN)

PIC16F18015-E/SN
PIC16F18015-E/P
PIC16F18025-E/P
PIC16F18025-E/SL
PIC16F18025-E/ST
PIC16F18025-E/ML
PIC16F18044-E/SS
PIC16F18045-E/SS
PIC16F18044-E/ML
PIC16F18045-E/ML
PIC16F18044-E/SO
PIC16F18045-E/SO
PIC16F18044-E/P
PIC16F18045-E/P
PIC16F18015-I/SN
PIC16F18015-I/P
PIC16F18025-I/P
PIC16F18025-I/SL
PIC16F18025-I/ST
PIC16F18025-I/ML
PIC16F18044-I/SS
PIC16F18045-I/SS
PIC16F18044-I/ML
PIC16F18045-I/ML
PIC16F18044-I/SO
PIC16F18045-I/SO
PIC16F18044-I/P
PIC16F18045-I/P
PIC16F18015T-I/SN
PIC16F18025T-I/SL
PIC16F18025T-I/ST
PIC16F18025T-I/ML
PIC16F18044T-I/SS
PIC16F18045T-I/SS
PIC16F18044T-I/ML
PIC16F18045T-I/ML
PIC16F18044T-I/SO
PIC16F18045T-I/SO



PIC16F18015/25/44/45

PIC16F18015/25/44/45 Family Silicon Errata and Data Sheet Clarifications

The PIC16F18015/25/44/45 devices that you have received conform functionally to the current device data sheet (DS40002340B), 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 PIC16F18015/25/44/45 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	
		A1	A2
PIC16F18015	0x30F5	0xA001	0xA002
PIC16F18025	0x30F6	0xA001	0xA002
PIC16F18044	0x30F7	0xA001	0xA002
PIC16F18045	0x30F8	0xA001	0xA002

Silicon Issue Summary

Table 2. Silicon Issue Summary

Module	Feature	Item No.	Issue Summary	Affected Revisions	
				A1	A2
N/A	N/A	N/A	N/A	X	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 None

There are no known Silicon Issues as of this publication date.

2. Data Sheet Clarifications

The following typographic corrections and clarifications are to be noted for the latest version of the device data sheet (DS40002340B):

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

Doc Rev.	Date	Comments
B	6/2022	Added silicon revision A2.
A	4/2022	Initial document release.

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