



Product Change Notification / SYST-28CJZA930

Date:

14-Aug-2020

Product Category:

Wireless Modules

PCN Type:

Document Change

Notification Subject:

ERRATA - ATWILC1000B/ATWILC1000-MR110xB Errata

Affected CPNs:

[SYST-28CJZA930_Affected_CPN_08142020.pdf](#)

[SYST-28CJZA930_Affected_CPN_08142020.csv](#)

Notification Text:

SYST-28CJZA930

Microchip has released a new Product Documents for the ATWILC1000B/ATWILC1000-MR110xB Errata of devices. If you are using one of these devices please read the document located at [ATWILC1000B/ ATWILC1000-MR110xB Errata](#).

Notification Status: Final

Description of Change:

1) Initial Revision

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 14 Aug 2020

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:

[ATWILC1000B/ ATWILC1000-MR110xB Errata](#)

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Affected Catalog Part Numbers (CPN)

ATWILC1000-MR1100B
ATWILC1000-MR110PB
ATWILC1000-MR110PB-T
ATWILC1000-MR110UB
ATWILC1000-MR110UB-T
ATWILC1000B-MU-T
ATWILC1000B-MU-T01
ATWILC1000B-MU-T042
ATWILC1000B-MU-Y
ATWILC1000B-MU-Y042
ATWILC1000B-UU-T



ATWILC1000B/ATWILC1000-MR110xB

ATWILC1000B/ATWILC1000-MR110xB Errata

Overview

The ATWILC1000B family of devices that you have received conform functionally to the current device data sheets available at the Microchip website www.microchip.com/wwwproducts/en/ATWILC1000, except for the anomalies described in this document.

The silicon issues discussed in the following pages are for silicon revisions with the Chip ID listed in the following table.

Table 1. ATWILC1000B Family Device Identification

Part Number	Chip ID	Silicon Revision	Affected Revision
ATWILC1000B/ATWILC1000-MR110xB	1003A1	A1	A1

Note: The Errata details described in this document will be addressed in future revisions of the ATWILC1000B family of devices.

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1. Errata Details

The following issue applies to the ATWILC1000B family of devices.

1.1 EVM Performance Degradation

In Wi-Fi® transmission, EVM performance is degraded at higher data rates at Channel 10 (2457 MHz) only, leading to a reduced data rate transmission but still meeting the IEEE 802.11 specification limit.

Work around: None

2. Document Revision History

Revision	Date	Section	Description
A	04/2020	Document	Initial Revision

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