



Product Change Notification: SYST-05RWXR026

Date:

21-Mar-2025

Product Category:

Wireless Modules

Notification Subject:

Data Sheet - ATWINC15x0-MR210xB IEEE 802.11 b/g/n SmartConnect IoT Module

Affected CPNs:

[SYST-05RWXR026_Affected_CPN_03212025.pdf](#)

[SYST-05RWXR026_Affected_CPN_03212025.csv](#)

Notification Text:

SYST-05RWXR026
<p>Microchip has released a new Datasheet for the ATWINC15x0-MR210xB IEEE 802.11 b/g/n SmartConnect IoT Module of devices. If you are using one of these devices please read the document located at ATWINC15x0-MR210xB IEEE 802.11 b/g/n SmartConnect IoT Module.</p> <p>Notification Status: Final</p> <p>Description of Change:</p> <p>Features • Removed Wi-Fi® Direct</p> <ul style="list-style-type: none">• Added compatibility for Wi-Fi 6/7 2.4 GHz band• Updated Superior MAC throughput• Editorial updates <p>WLAN Subsystem Updated content</p> <p>Description Removed HCCA</p>

Description of Change:

Features • Removed Wi-Fi® Direct

- Added compatibility for Wi-Fi 6/7 2.4 GHz band
- Updated Superior MAC throughput
- Editorial updates

WLAN Subsystem Updated content

Description Removed HCCA

MAC Features • Removed PCF, traffic scheduling

- Removed transmission feature in Advanced IEEE 802.11n

- Editorial updates.

PHY Features Editorial updates.

Recommended External

Antenna for ATWINC15x0-

MR210UB

Removed RN-SMA-4 from Table 11-1

Receiver Performance Added note

Memory Subsystem Changed unit MB to Mb

Application Schematic • Updated Figure 9-1

- Updated notes

Module Package Drawing Updated Package drawing

Pin Description Updated Pin description and notes for WAKE Pin

Impacts to Data Sheet: See above details

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 21 Mar 2025

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:

ATWINC15x0-MR210xB IEEE 802.11 b/g/n SmartConnect IoT Module

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