



Product Change Notification / SYST-16FJFA409

Date:

18-Dec-2020

Product Category:

Wireless Modules

PCN Type:

Document Change

Notification Subject:

Data Sheet - ATWINC3400 IEEE 802.11 b/g/n Network Controller Module with Integrated Bluetooth

Affected CPNs:

[SYST-16FJFA409_Affected_CPN_12182020.pdf](#)

[SYST-16FJFA409_Affected_CPN_12182020.csv](#)

Notification Text:

SYST-16FJFA409

Microchip has released a new Product Documents for the ATWINC3400 IEEE 802.11 b/g/n Network Controller Module with Integrated Bluetooth of devices. If you are using one of these devices please read the document located at [ATWINC3400 IEEE 802.11 b/g/n Network Controller Module with Integrated Bluetooth](#).

Notification Status: Final

Description of Change:

 The updates were made on the following sections

1. Document: - Updated ATWINC3400-MR210CA to ATWINC3400- MR210xA
 - Added ATWINC3400-MR210UA module information
 - Minor edits
2. Section 2: Block Diagram Updated Figure 2-1 3.
3. Section 3: Pinout and Package Information
 - Updated Figure 3-1
 - Updated pin descriptions of Pin 8, 9, 14, 15, 22,27, 28,29, 30, 31, 3
 - Added Note

4. Section 4: Electrical Characteristics
 - Updated VBAT specification in 4.2 Recommended Operating Conditions
5. Section 8 – WAN Subsystem
 - Added footnotes for Short GI feature
6. Section 10.2.2: SPI Timing
 - Updated Note
 - Added description in 10.4 I2C Client Interface
7. Section 13.1.1 ATWINC3400-MR210CA Module Placement and Routing Guidelines
 - Added ATWINC3400-MR210CA for the section name -
 - Updated Figure 13-2
8. 13.2.1 ATWINC3400-MR210UA Module Placement and Routing Guidelines section: Added
9. 13.2.2 ATWINC3400-MR210UA Approved External Antennas Added section: Added
10. Section 1. Ordering Information and Module Marking
 - Updated Table 1-1
 - Updated Figure 1-1 10.3 UART Interface Updated with Wi-Fi and Bluetooth Low Energy data information
11. Section Host Interface: Updated Figure 11-1
12. Section Appendix A: Regulatory Approval
 - Updated Japan, Korea, Taiwan and China regulatory IDs for ATWINC3400-MR210CA
 - Updated USA, Canada and Europe regulatory IDs for ATWINC3400-MR210UA
 - Added 14. Gain Table for Individual Regulatory Region
 - Updated 14.1 United States, 14.2 Canada and 14.3 Europe with the details of antennas used for approval
 - Revamped 14.3 Europe
 - Updated module label information in 14.5 Korea
 - Updated expiry date information in 14.7 China
 - Updated contents of 14.8 Other Regulatory Information.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 18 Dec 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:

ATWINC3400 IEEE 802.11 b/g/n Network Controller Module with Integrated Bluetooth

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

ATWINC3400-MR210CA

ATWINC3400-MR210CA122

ATWINC3400-MR210CA122-T

ATWINC3400-MR210CA123

ATWINC3400-MR210CA123-T

ATWINC3400-MR210CA131

ATWINC3400-MR210CA131-T

ATWINC3400-MR210UA

ATWINC3400-MR210UA122