



Product Change Notification: SYST-26RZFJ289

Date:

28-Mar-2025

Product Category:

Wireless IC, Wireless Modules

Notification Subject:

Data Sheet - WINCS02 Wi-Fi Module Data Sheet

Affected CPNs:

[SYST-26RZFJ289_Affected_CPN_03282025.pdf](#)

[SYST-26RZFJ289_Affected_CPN_03282025.csv](#)

Notification Text:

SYST-26RZFJ289

Microchip has released a new Datasheet for the WINCS02 Wi-Fi Module Data Sheet of devices. If you are using one of these devices please read the document located at [WINCS02 Wi-Fi Module Data Sheet](#).

Notification Status: Final

Description of Change:

- Added compatibility for Wi-Fi® 6/7 2.4 GHz band
- Added support for Extreme Deep Sleep (XDS) mode
- Added “Example Block Diagram”

Device Overview: Updated “WINCS02 Module Block Diagram”

Pin Details of WINCS02IC: Updated “WINCS02IC Pinout Table”

Pin Details of WINCS02 Module: Updated “WINCS02 Module Pinout Table”

Basic Connection Requirement: Updated “WINCS02 Module Basic Connection and Interface Diagram”

Interface with Host Microcontroller: Updated “WINCS02 Module Host Interface Diagram”

PCB Antenna: Added “3D Antenna Radiation Patterns” and updated “2D Antenna Radiation Patterns”

External Antennas: Updated “Approved External Antenna List with Antenna Gain for WINCS02 Module” table

Extreme Deep Sleep (XDS) Current Consumption: Added this section

SDIO-SPI AC Timing Specifications “SPI Electrical Specifications” section was replaced with “SDIO-SPI AC Timing Specifications”

Appendix A: Regulatory Approval, Japan, Korea, Taiwan: Added regulatory approval details for Japan, Korea and Taiwan

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 28 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:

[WINCS02 Wi-Fi Module Data Sheet](#)

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

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