



Product Change Notification / SYST-24RHRC424

Date:

07-Feb-2024

Product Category:

Microprocessors

PCN Type:

Document Change

Notification Subject:

Data Sheet - SAMA5D27 Wireless System On Module 1 ATSAMA5D27 WLSOM1

Affected CPNs:

[SYST-24RHRC424_Affected_CPN_02072024.pdf](#)

[SYST-24RHRC424_Affected_CPN_02072024.csv](#)

Notification Text:

SYST-24RHRC424

Microchip has released a new Datasheet for the SAMA5D27 Wireless System On Module 1 ATSAMA5D27 WLSOM1 of devices. If you are using one of these devices please read the document located at [SAMA5D27 Wireless System On Module 1 ATSAMA5D27 WLSOM1](#).

Notification Status: Final

Description of Change:

Updated Pad No. columns in 3.2.1. PIOA Pin Description, 3.2.2. PIOB Pin Description, 3.2.3. PIOC Pin Description, 3.2.4. PIOD Pin Description.

Updated pins NRST (7) and WKUP (187) descriptions in 3.2.5. System Pins Description.

Updated Figure 4-25.

Updated text and figures in 4.1.1. SAMA5D27 System-In-Package.

Added 4.1.2. MPU Clocks.

Updated text and figures in 4.1.3. Power Management Unit.

Updated Figure 4-2.

Updated figure in 4.2.1. Power Architecture.

Updated figure in 4.2.2.1. Power Configurations: Single Supply and 4.2.2.2. Power Configurations: Multiple Supplies.

Updated text and figure in 4.3.1. Ethernet Phy.

Updated figure in 4.5. Radio Subsystem.

Updated 5.2. Recommended Operating Conditions.

Updated ATSAMA5D27-WLSOM1 Module Drawing.

Deleted 6.2 Module Land Pattern (Host Board PCB Footprint) and 7. Assembly and Storage Information. This information is now available in the Microchip application note SAMA5D27-WLSOM Power Consumption.

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 07 Feb 2024

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:

[SAMA5D27 Wireless System On Module 1 ATSAM5D27 WLSOM1](#)

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

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Affected Catalog Part Numbers (CPN)

ATSAMA5D27-WLSOM1