



Product Change Notification / SYST-19KCRM515

Date:

20-Oct-2021

Product Category:

8-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

Data Sheet - ATmega48PB/88PB/168PB - Complete Datasheet Revision

Affected CPNs:

[SYST-19KCRM515_Affected_CPN_10202021.pdf](#)

[SYST-19KCRM515_Affected_CPN_10202021.csv](#)

Notification Text:

SYST-19KCRM515

Microchip has released a new Product Documents for the ATmega48PB/88PB/168PB - Complete Datasheet of devices. If you are using one of these devices please read the document located at [ATmega48PB/88PB/168PB - Complete Datasheet](#).

Notification Status: Final

Description of Change: Revision includes:

1. Updated the document to Microchip style.
2. Updated Package Information to Microchip style.
3. Errata has been moved to a separate document.
4. Removed footnote regarding interrupt modes INT0 and INT1 and clarified External Interrupts section.
5. Updated 8-bit Timer/Counter Block Diagram figure.
6. Updated Analog to Digital Converter Block Schematic Operation block diagram.

7. Updated Reset and Interrupt Vectors in ATmega48PB, Reset and Interrupt Vectors in ATmega88PB and Reset and Interrupt Vectors in ATmega168PB tables.

8. Updated Electrical characteristics.

8.1. Common DC characteristics table

8.2. ATmega48PB/88PB DC characteristics table

8.3. Calibration Accuracy of Internal RC Oscillator table

8.4. Reset, Brown-out and Internal Voltage Characteristics table

8.5. ADC Characteristics table

Impacts to Data Sheet: See above details.

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 20 October 2021

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:

[ATmega48PB/88PB/168PB - Complete Datasheet](#)

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

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Affected Catalog Part Numbers (CPN)

ATMEGA168PB-MU
ATMEGA168PB-AU
ATMEGA168PB-MN
ATMEGA168PB-AN
ATMEGA168PB-MNR
ATMEGA168PB-ANR
ATMEGA168PB-MUR
ATMEGA168PB-AUR
ATMEGA88PB-MU
ATMEGA48PB-MU
ATMEGA88PB-AU
ATMEGA48PB-AU
ATMEGA88PB-MN
ATMEGA48PB-MN
ATMEGA88PB-AN
ATMEGA48PB-AN
ATMEGA88PB-MNR
ATMEGA48PB-MNR
ATMEGA88PB-ANR
ATMEGA48PB-ANR
ATMEGA88PB-MUR
ATMEGA48PB-MUR
ATMEGA88PB-AUR
ATMEGA48PB-AUR
ATMEGA168PB-MU
ATMEGA168PB-AU
ATMEGA168PB-MN
ATMEGA168PB-AN
ATMEGA168PB-ANR
ATMEGA168PB-MUR
ATMEGA168PB-AUR
ATMEGA48PB-MU
ATMEGA88PB-MU
ATMEGA48PB-AU
ATMEGA88PB-AU
ATMEGA88PB-MN
ATMEGA48PB-MN
ATMEGA88PB-AN
ATMEGA48PB-AN
ATMEGA88PB-MNR
ATMEGA48PB-MNR
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ATMEGA88PB-MUR
ATMEGA48PB-AUR

ATMEGA88PB-AUR