



Product Change Notification / SYST-09PWAI451

Date:

10-Sep-2020

Product Category:

8-bit Microcontrollers

PCN Type:

Document Change

Notification Subject:

Data Sheet - ATmega48A/PA/88A/PA/168A/PA/328/P Data Sheet

Affected CPNs:

[SYST-09PWAI451_Affected_CPN_09102020.pdf](#)

[SYST-09PWAI451_Affected_CPN_09102020.csv](#)

Notification Text:

SYST-09PWAI451

Microchip has released a new Product Documents for the ATmega48A/PA/88A/PA/168A/PA/328/P Data Sheet of devices. If you are using one of these devices please read the document located at [ATmega48A/PA/88A/PA/168A/PA/328/P Data Sheet](#)

Notification Status: Final

Description of Change: The following items list the changes from 8271J to DS40002061B:

- Updated Package Information to Microchip style.
- Updated Ordering Information.
- Errata has been moved to separate document.
- Removed footnote regarding interrupt modes for INT0 and INT1.
- Updated "Reset and Interrupt Vectors in ATmega48A and ATmega48PA", "Reset and Interrupt Vectors in ATmega88A and ATmega88PA", "Reset and Interrupt Vectors in ATmega168A and ATmega168PA" and "Reset and Interrupt Vectors in ATmega328P and ATmega328PB".

in ATmega328 and ATmega328P" tables.

- Updated "8-bit Timer/Counter Block Diagram" in "8-bit Timer/Counter2 with PWM and Asynchronous Operation" section.
- Updated "Analog to Digital Converter Block Schematic Operation" figure.
- Analog Comparator Input Offset Voltage updated in "Common DC characteristics TA = -40 C to 105 C, VCC = 1.8V to 5.5V (unless otherwise noted)" table.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 10 Sep 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:

[ATmega48A/PA/88A/PA/168A/PA/328/P Data Sheet](#)

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

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Affected Catalog Part Numbers (CPN)

ATMEGA168A-AU
ATMEGA168A-AUR
ATMEGA168A-MMH
ATMEGA168A-MMHR
ATMEGA168A-MU
ATMEGA168A-MUR
ATMEGA168A-PU
ATMEGA168PA-AN
ATMEGA168PA-ANR
ATMEGA168PA-AU
ATMEGA168PA-AUR
ATMEGA168PA-MMH
ATMEGA168PA-MMHR
ATMEGA168PA-MN
ATMEGA168PA-MNR
ATMEGA168PA-MU
ATMEGA168PA-MUR
ATMEGA168PA-PN
ATMEGA168PA-PU
ATMEGA328-AU
ATMEGA328-AUR
ATMEGA328-MMH
ATMEGA328-MMHR
ATMEGA328-MU
ATMEGA328-MUR
ATMEGA328-PU
ATMEGA328P-AN
ATMEGA328P-ANR
ATMEGA328P-AU
ATMEGA328P-AUR
ATMEGA328P-MMH
ATMEGA328P-MMHR
ATMEGA328P-MN
ATMEGA328P-MNR
ATMEGA328P-MU
ATMEGA328P-MUR
ATMEGA328P-PN
ATMEGA328P-PU
ATMEGA48A-AU
ATMEGA48A-AUR
ATMEGA48A-MMH
ATMEGA48A-MMHR
ATMEGA48A-MU
ATMEGA48A-MUR
ATMEGA48A-PU
ATMEGA48PA-AN

ATMEGA48PA-ANR
ATMEGA48PA-AU
ATMEGA48PA-AUR
ATMEGA48PA-MMH
ATMEGA48PA-MMHR
ATMEGA48PA-MMN
ATMEGA48PA-MMNR
ATMEGA48PA-MN
ATMEGA48PA-MNR
ATMEGA48PA-MU
ATMEGA48PA-MUR
ATMEGA48PA-PN
ATMEGA48PA-PU
ATMEGA88A-AU
ATMEGA88A-AUR
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