Product Change Notification - SYST-04HDAL845

Date:
12 Apr 2018
Product Category:
8-bit PIC Microcontrollers
Affected CPNs:

Notification subject:
Data Sheet - ATmega48PA/88PA/168PA - Complete Datasheet
Notification text:

SYST-04HDAL845

Microchip has released a new DeviceDoc for the ATmega48PA/88PA/168PA - Complete Datasheet of devices. If you are using one of these devices please read the document located at [ATmega48PA/88PA/168PA - Complete Datasheet](#).

Notification Status: Final

Description of Change:
1) Change of document style
2) Microchip DS40002011A replaces Atmel-42734B
3) Added bit numbering in registers where this was missing
4) Added input to the clock multiplexer from the watchdog oscillator in Figure 13-1
5) Added warning not to use watchdog oscillator (128 kHz internal oscillator) as both watchdog timer and system oscillator at the same time
6) Corrected capacitance in Table 13-8
Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 12 Apr 2018

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

Attachment(s):
[ATmega48PA/88PA/168PA - 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)

ATMEGA48A-AU
ATMEGA48A-AUR
ATMEGA48A-CCU
ATMEGA48A-CCUR
ATMEGA48A-MMH
ATMEGA48A-MMHR
ATMEGA48A-MU
ATMEGA48A-MUR
ATMEGA48A-PU
ATMEGA88A-AU
ATMEGA88A-AUR
ATMEGA88A-CCU
ATMEGA88A-CCUR
ATMEGA88A-MMH
ATMEGA88A-MMHR
ATMEGA88A-MU
ATMEGA88A-MUR
ATMEGA88A-PU
ATMEGA168A-AU
ATMEGA168A-AUR
ATMEGA168A-CCU
ATMEGA168A-CCUR
ATMEGA168A-MMH
ATMEGA168A-MMHR
ATMEGA168A-MU
ATMEGA168A-MUR
ATMEGA168A-PU
ATMEGA48PA-15AZ
ATMEGA48PA-15MZ
ATMEGA48PA-15MZV01
ATMEGA48PA-AN
ATMEGA48PA-ANR
ATMEGA48PA-AU
ATMEGA48PA-AUA8
ATMEGA48PA-AUR
ATMEGA48PA-AURA9
ATMEGA48PA-AURB0
ATMEGA48PA-CCU
ATMEGA48PA-CCUR
ATMEGA48PA-MMH
ATMEGA48PA-MMHR
ATMEGA48PA-MMHRA1
ATMEGA48PA-MMN
ATMEGA48PA-MMNR
ATMEGA48PA-MN
ATMEGA48PA-MNR
ATMEGA48PA-MU

ATMEGA48PA-MUR
ATMEGA48PA-MURA5
ATMEGA48PA-PN
ATMEGA48PA-PU
ATMEGA48PA-W
ATMEGA88PA-15AZ
ATMEGA88PA-15AZT
ATMEGA88PA-15AZV01
ATMEGA88PA-15AZV02
ATMEGA88PA-15MZ
ATMEGA88PA-AN
ATMEGA88PA-ANR
ATMEGA88PA-AU
ATMEGA88PA-AUA5
ATMEGA88PA-AUA6
ATMEGA88PA-AUR
ATMEGA88PA-AURA3
ATMEGA88PA-AURA4
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