



Product Change Notification / NTDO-11HFX286

Date:

14-Jul-2023

Product Category:

8-bit Microcontrollers

PCN Type:

End of Life

Notification Subject:

eSign# E000187906: End of Life (EOL) of selected AT89xxxx, ATMEGA16x, ATMEGA32x, ATMEGA48x, ATMEGA644x, ATMEGA85x5L, ATMEGA88, ATMEGA8A, ATTINY13V, ATTINY24, ATTINY44, ATTINY461, ATTINY48, ATTINY84, ATTINY861 and ATTINY88 device families in PDIP package.

Affected CPNs:

[NTDO-11HFX286_Affected_CPN_07142023.pdf](#)

[NTDO-11HFX286_Affected_CPN_07142023.csv](#)

Notification Text:

PCN Status:End of Life (EOL) Notification

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.

The list of affected CPNs with its corresponding replacement parts (if applicable) can be found on the attachments field labeled as PCN_#_Suggested Replacements.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

EOL Description:The selected AT89xxxx, ATMEGA16x, ATMEGA32x, ATMEGA48, ATMEGA644x, ATMEGA85x5L, ATMEGA88, ATMEGA8A, ATTINY13V, ATTINY24, ATTINY44, ATTINY461, ATTINY48, ATTINY84, ATTINY861 and ATTINY88 device families in PDIP package will be moving to End of Life (EOL) status effective today. These selected device families will no longer be offered after December 31, 2023. Please review the attached parts affected list below for details about replacement parts if applicable.

Note: If replacement parts are not listed in the attached list please contact your **Local Sales Representative**
Reason for EOL:No longer have manufacturing support for the CPN listed in the attachment.

Estimated Effective Dates Customers affected by this EOL notice are advised to place last time buy (LTB) orders as follows:

Last date for bookings (LTB): July 28, 2023

Last date for shipments (LTS): December 31, 2023

Revision History: July 14, 2023: Issued initial notification.

Attachments:

[PCN_NTDO-11HXFX286_Suggested Replacements.pdf](#)

[PCN_NTDO-11HXFX286_Suggested Replacements.xlsx](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our **PCN home page** select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the **PCN FAQ** section.

If you wish to change your PCN profile, including opt out, please go to the **PCN home page** select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

NTDO-11HXFX286 - eSign# E000187906: End of Life (EOL) of selected AT89xxxx, ATMEGA16x, ATMEGA32x, ATMEGA48x, ATMEGA644x, ATMEGA85x5L, ATMEGA88, ATMEGA8A, ATTINY13V, ATTINY24, ATTINY44, ATTINY461, ATTINY48, ATTINY84, ATTINY861 and ATTINY88 device families in PDIP package.

Affected Catalog Part Numbers (CPN)

ATTINY84-20PU
ATTINY84V-10PU
ATTINY44-20PU
ATTINY44V-10PU
ATTINY24-20PU
ATTINY24V-10PU
AT89C4051-12PU
ATTINY461A-PU
AT89S4051-24PU
AT89S2051-24PU
ATTINY461V-10PU
ATTINY461-20PU
ATTINY861-20PU
ATTINY861V-10PU
ATTINY88-PU
ATTINY48-PU
ATMEGA88PA-PN
ATMEGA168PA-PN
ATMEGA8A-PN
ATMEGA48A-PU
ATMEGA48PA-PN
ATMEGA168P-20PU
ATMEGA168PV-10PU
ATMEGA88P-20PU
ATMEGA88PV-10PU
ATMEGA48P-20PU
ATMEGA48PV-10PU
ATMEGA48PV-10PUA2
ATMEGA48V-10PU
ATMEGA88-20PU
ATMEGA168V-10PU
ATMEGA324A-PU
ATMEGA324PA-PU
ATMEGA324PA-PN
ATMEGA16L-8PU
ATMEGA32A-PN
ATMEGA164A-PU
ATMEGA164PA-PU
ATMEGA8515L-8PU
ATMEGA8535L-8PU
ATMEGA32-16PUA3
ATMEGA32L-8PU
ATMEGA162V-8PU
ATMEGA644V-10PU
ATMEGA164P-20PU
ATMEGA164PV-10PU

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ATMEGA324P-20PU

ATMEGA324PV-10PU

ATMEGA644PV-10PU

ATMEGA644P-20PQ

AT89LP51-20PU

AT89LP52-20PU

AT89LP3240-20PU

AT89LP6440-20PU

AT89LS51-16PU

ATTINY13V-10PQ

PCN_NTDO-11HXFX286		
EOL Catalog Part Number (CPN)	Replacement CPN	Notes about Recommended Replacement parts
ATMEGA32-16PUA3	ATMEGA32-16PU	Contact Your Local Sales Office
AT89C4051-12PU		Contact Your Local Sales Office
AT89LP3240-20PU		Contact Your Local Sales Office
AT89LP51-20PU		Contact Your Local Sales Office
AT89LP52-20PU		Contact Your Local Sales Office
AT89LP6440-20PU		Contact Your Local Sales Office
AT89LS51-16PU		Contact Your Local Sales Office
AT89S2051-24PU		Contact Your Local Sales Office
AT89S4051-24PU		Contact Your Local Sales Office
ATMEGA162V-8PU		Contact Your Local Sales Office
ATMEGA164A-PU		Contact Your Local Sales Office
ATMEGA164P-20PU		Contact Your Local Sales Office
ATMEGA164PA-PU		Contact Your Local Sales Office
ATMEGA164PV-10PU		Contact Your Local Sales Office
ATMEGA168P-20PU		Contact Your Local Sales Office
ATMEGA168PA-PN		Contact Your Local Sales Office
ATMEGA168PV-10PU		Contact Your Local Sales Office
ATMEGA168V-10PU		Contact Your Local Sales Office
ATMEGA16L-8PU		Contact Your Local Sales Office
ATMEGA324A-PU		Contact Your Local Sales Office
ATMEGA324P-20PU		Contact Your Local Sales Office
ATMEGA324PA-PN		Contact Your Local Sales Office
ATMEGA324PA-PU		Contact Your Local Sales Office
ATMEGA324PV-10PU		Contact Your Local Sales Office
ATMEGA32A-PN		Contact Your Local Sales Office
ATMEGA32L-8PU		Contact Your Local Sales Office
ATMEGA48A-PU		Contact Your Local Sales Office
ATMEGA48P-20PU		Contact Your Local Sales Office
ATMEGA48PA-PN		Contact Your Local Sales Office
ATMEGA48PV-10PU		Contact Your Local Sales Office
ATMEGA48PV-10PUA2		Contact Your Local Sales Office
ATMEGA48V-10PU		Contact Your Local Sales Office
ATMEGA644P-20PQ		Contact Your Local Sales Office
ATMEGA644PV-10PU		Contact Your Local Sales Office
ATMEGA644V-10PU		Contact Your Local Sales Office
ATMEGA8515L-8PU		Contact Your Local Sales Office
ATMEGA8535L-8PU		Contact Your Local Sales Office
ATMEGA88-20PU		Contact Your Local Sales Office
ATMEGA88P-20PU		Contact Your Local Sales Office
ATMEGA88PA-PN		Contact Your Local Sales Office
ATMEGA88PV-10PU		Contact Your Local Sales Office
ATMEGA8A-PN		Contact Your Local Sales Office

PCN_NTDO-11HAFX286		
EOL Catalog Part Number (CPN)	Replacement CPN	Notes about Recommended Replacement parts
ATTINY13V-10PQ		Contact Your Local Sales Office
ATTINY24-20PU		Contact Your Local Sales Office
ATTINY24V-10PU		Contact Your Local Sales Office
ATTINY44-20PU		Contact Your Local Sales Office
ATTINY44V-10PU		Contact Your Local Sales Office
ATTINY461-20PU		Contact Your Local Sales Office
ATTINY461A-PU		Contact Your Local Sales Office
ATTINY461V-10PU		Contact Your Local Sales Office
ATTINY48-PU		Contact Your Local Sales Office
ATTINY84-20PU		Contact Your Local Sales Office
ATTINY84V-10PU		Contact Your Local Sales Office
ATTINY861-20PU		Contact Your Local Sales Office
ATTINY861V-10PU		Contact Your Local Sales Office
ATTINY88-PU		Contact Your Local Sales Office