



Product Change Notification: BLAS-18QUNE687

Date:

23-Feb-2026

Product Category:

8-Bit Microcontrollers, Capacitive Touch Sensors

Notification Subject:

CCB 8095 Final Notice: Qualification of CuPdAu as a new bond wire material for selected AT42QT18C15, AT42QT5480, AT89LP3240, AT89LP51, AT89LP51ED2, AT89LP51IC2, AT89LP51ID2, AT89LP51RB2, AT89LP51RC2, AT89LP51RD2, AT89LP52, AT89LP6440, ATmega1284, ATmega1284P, ATmega16, ATMEGA162, ATmega164A, ATmega164P, ATmega164PA, ATmega16A, ATmega32, ATmega324A, ATmega324P, ATMEGA324PA, ATmega32A, ATmega644, ATmega644A, ATmega644P, ATmega644PA, ATmega8515 and ATmega8535 device families available in 44L VQFN (7x7x1mm) package assembled at MMT site.

Affected CPNs:

[BLAS-18QUNE687_Affected_CPN_02232026.pdf](#)

[BLAS-18QUNE687_Affected_CPN_02232026.csv](#)

PCN Status: Final Notification

PCN Type: Manufacturing Change

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

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

Description of Change: Qualification of CuPdAu as a new bond wire material for selected AT42QT18C15, AT42QT5480, AT89LP3240, AT89LP51, AT89LP51ED2, AT89LP51IC2, AT89LP51ID2, AT89LP51RB2, AT89LP51RC2, AT89LP51RD2, AT89LP52, AT89LP6440, ATmega1284, ATmega1284P, ATmega16, ATMEGA162, ATmega164A, ATmega164P, ATmega164PA, ATmega16A, ATmega32, ATmega324A, ATmega324P, ATMEGA324PA, ATmega32A, ATmega644, ATmega644A, ATmega644P, ATmega644PA, ATmega8515 and ATmega8535 device families available in 44L VQFN (7x7x1mm) package assembled at MMT site.

Pre and Post Summary Changes:

Method to Identify Change: Traceability Code

Qualification Report: Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: February 23, 2026: Issued final notification.

Note: The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable product.

Attachments:

[PCN_BLAS-18QUNE687_Qualification Report.pdf](#)

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.

Affected Catalog Part Numbers (CPN):

ATMEGA644V-10MU
ATMEGA644A-MU
ATMEGA644PA-MU
ATMEGA324PV-10MU
ATMEGA16L-8MUA6
ATMEGA324PA-MNR
ATMEGA164PV-10MU
AT89LP51ED2-20MU
ATMEGA8535L-8MUR
ATMEGA8535-16MU
ATMEGA8535L-8MU
ATMEGA16A-MUR
ATMEGA164A-MU
ATMEGA644PV-10MQR
ATMEGA644P-20MQR
ATMEGA1284-MU
ATMEGA164PV-10MUR
ATMEGA164P-20MUR
ATMEGA324A-MUR
ATMEGA324PA-MUR
AT42QT18C15-MUR
AT42QT5480-MUR
ATMEGA324PA-MN
ATMEGA32-16MUR
ATMEGA32A-MUR
ATMEGA324A-MU
ATMEGA324PA-MU
AT89LP51RC2-20MU
ATMEGA164P-20MQ
ATMEGA32A-MNR
ATMEGA32A-MN
AT89LP51RB2-20MU

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ATMEGA164P-20MU

ATMEGA32-16MU

AT89LP51RD2-20MU

ATMEGA164PA-MUR

ATMEGA164A-MUR

ATMEGA32A-MU

AT89LP51ID2-20MU

ATMEGA8535-16MUR

ATMEGA16-16MUR

ATMEGA162V-8MUR

ATMEGA162-16MUR

ATMEGA164PA-MNR

ATMEGA164PA-MN

ATMEGA32L-8MUA3

AT89LP3240-20MU

AT89LP6440-20MU

ATMEGA644P-20MUR

ATMEGA644PV-10MUR

ATMEGA644-20MUR

ATMEGA162V-8MU

ATMEGA162-16MU

ATMEGA164PA-MU

ATMEGA8515-16MUR

ATMEGA8515L-8MUR

ATMEGA16A-MU

ATMEGA16-16MU

ATMEGA644P-20MQ

ATMEGA644PV-10MQ

ATMEGA16L-8MU

ATMEGA16-16MQ

AT89LP51-20MU

AT89LP52-20MU

ATMEGA324P-20MUR

ATMEGA324PV-10MUR

ATMEGA8515-16MU

ATMEGA8515L-8MU

ATMEGA644A-MUR

ATMEGA644PA-MUR

ATMEGA32L-8MU

ATMEGA644PV-10MU

ATMEGA324P-20MQR

ATMEGA324P-20MQ

ATMEGA644-20MU

ATMEGA644PA-MN

ATMEGA32L-8MURA2

ATMEGA32L-8MUR

ATMEGA644V-10MUR

ATMEGA644P-20MU

ATMEGA1284-MUR

ATMEGA1284P-MUR

ATMEGA1284P-MU

ATMEGA324P-20MU

AT89LP51IC2-20MU

ATMEGA16L-8MURA5

ATMEGA16L-8MUR

ATMEGA644PA-MNR