



Product Change Notification: BLAS-01LYLU604

Date:

22-Oct-2025

Product Category:

32-Bit Microcontrollers

Notification Subject:

CCB 7564.001 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) as a new bond wire material for selected ATSAMD20E14, ATSAMC20E15A, ATSAMC20E16A, ATSAMC20E17A, ATSAMC20E18A, ATSAMC21E15A, ATSAMC21E16A, ATSAMC21E17A, ATSAMC21E18A, ATSAMD20E15, ATSAMD20E16, ATSAMD20E17, ATSAMD20E18, ATSAMD21E15, ATSAMD21E15L, ATSAMD21E16, ATSAMD21E16L, ATSAMD21E17, ATSAMD21E17L, ATSAMD21E18, ATSAML10E14A, ATSAML10E15A, ATSAML10E16A, ATSAML11E14A, ATSAML11E15A and ATSAML11E16A device families available in 32L VQFN (5x5x1mm) package.

Affected CPNs:

[BLAS-01LYLU604_Affected_CPN_10222025.pdf](#)

[BLAS-01LYLU604_Affected_CPN_10222025.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 palladium coated copper with gold flash (CuPdAu) as a new bond wire material for selected ATSAMD20E14, ATSAMC20E15A, ATSAMC20E16A, ATSAMC20E17A, ATSAMC20E18A, ATSAMC21E15A, ATSAMC21E16A, ATSAMC21E17A, ATSAMC21E18A, ATSAMD20E15, ATSAMD20E16, ATSAMD20E17, ATSAMD20E18, ATSAMD21E15, ATSAMD21E15L, ATSAMD21E16, ATSAMD21E16L, ATSAMD21E17, ATSAMD21E17L, ATSAMD21E18, ATSAML10E14A, ATSAML10E15A, ATSAML10E16A, ATSAML11E14A, ATSAML11E15A and ATSAML11E16A device families available in 32L VQFN (5x5x1mm) package.

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: September 10, 2025: Issued initial notification.
October 22, 2025: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on October 31, 2025. Added a 'Change (Yes/No)' column to the Pre and Post Change Summary table.

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

Attachments:

[PFAS-Elimination-and-Die-Attach_Explanation.pdf](#)
[PCN_BLAS-01LYLU604_Qualification Report.pdf](#)

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

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