



Product Change Notification: BLAS-1400NK254

Date:

01-Oct-2025

Product Category:

32-Bit Microcontrollers

Notification Subject:

CCB 7322.001 Final Notice: Qualification of CuPdAu as an additional wire material for selected
ATSAMD20J17, ATSAMC20J15A, ATSAMC20J16A, ATSAMC20J17A, ATSAMC20J18A,
ATSAMC21J15A, ATSAMC21J16A, ATSAMC21J17A, ATSAMC21J18A, ATSAMD20J14,
ATSAMD20J15, ATSAMD20J16, ATSAMD20J18, ATSAMD21J15, ATSAMD21J16,
ATSAMD21J17, ATSAMD21J18, ATSAMDA1J14B, ATSAMDA1J15B, ATSAMDA1J16B,
PIC32CM1602GV00064, PIC32CM2532JH00064, PIC32CM2532JH01064, PIC32CM2532LE00064,
PIC32CM2532LS00064, PIC32CM3204GV00064, PIC32CM3204JH00064, PIC32CM5164JH00064,
PIC32CM5164JH01064, PIC32CM5164LE00064, PIC32CM5164LS00064 and
PIC32CM6408JH00064 device families available in 64L TQFP (10x10x1mm) package.

Affected CPNs:

[**BLAS-1400NK254_Affected_CPN_10012025.pdf**](#)

[**BLAS-1400NK254_Affected_CPN_10012025.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 an additional wire material for selected
ATSAMD20J17, ATSAMC20J15A, ATSAMC20J16A, ATSAMC20J17A, ATSAMC20J18A,
ATSAMC21J15A, ATSAMC21J16A, ATSAMC21J17A, ATSAMC21J18A, ATSAMD20J14,
ATSAMD20J15, ATSAMD20J16, ATSAMD20J18, ATSAMD21J15, ATSAMD21J16,
ATSAMD21J17, ATSAMD21J18, ATSAMDA1J14B, ATSAMDA1J15B, ATSAMDA1J16B,
PIC32CM1602GV00064, PIC32CM2532JH00064, PIC32CM2532JH01064, PIC32CM2532LE00064,
PIC32CM2532LS00064, PIC32CM3204GV00064, PIC32CM3204JH00064, PIC32CM5164JH00064,
PIC32CM5164JH01064, PIC32CM5164LE00064, PIC32CM5164LS00064 and
PIC32CM6408JH00064 device families available in 64L TQFP (10x10x1mm) package.

Pre and Post Summary Changes:

	Pre Change	Post Change
Assembly Site	Microchip Technology Thailand (HQ) (MTAI)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material	Au	CuPdAu
Die Attach Material	3280 (PFAS)	QMI519 (PFAS-free)
Molding Compound Material	G700HA	G700HA
Lead-Frame Material	C7025	C7025
Lead-Frame Paddle Size	200 x 200 mils	200 x 200 mils
DAP Surface Prep	Bare Copper	Bare Copper

Note: The qualification of the new PFAS-free die attach material, QMI519, was officially released via PCN #[CENO-16EGCZ399](#).

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability by qualifying CuPdAu as an additional wire material.

Change Implementation Status: In Progress

Estimated First Ship Date: 13 November 2025 (date code: 2546)

Note Below EFSD: Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Timetable Summary:

	September 2025					>	November 2025				
Work Week	36	37	38	39	40		44	45	46	47	48
Qual Report Availability				x							
Final PCN Issue Date				x							
Estimated Implementation Date									x		

Method to Identify Change: Traceability Code

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

Revision History: September 22, 2025: Issued final notification.

September 23, 2025: Re-issued final notification to correct the Post Change for wire material to be Au and CuPdAu on the Pre and Post Change Summary table.

October 01, 2025: Re-issued final notification to correct the Post Change wire material on the Pre and Post Change Summary table and align with the updated Qual Report attachment.

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-1400NK254_Qual Report_revA.pdf**](#)

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

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