



Product Change Notification / BLAS-24IEHB29

Date:

25-Jun-2024

Product Category:

8-Bit Microcontrollers

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6691 Final Notice: Qualification of MPHL as a new final test location for selected AT89C51RC, AT89C55WD, AT89LP51ED2, AT89LP51RB2, AT89LP51RC2, AT89LP51RD2, AT89LP52, AT89LP52QS840, AT89LS52, AT89S51, AT89S52, AT89S8253 and ATmega8515 device families available in 44L PLCC (16.6x16.6x4.4mm) package.

Affected CPNs:

[BLAS-24IEHB29_Affected_CPN_06252024.pdf](#)

[BLAS-24IEHB29_Affected_CPN_06252024.csv](#)

Notification Text:

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 MPHL as a new final test location for selected AT89C51RC, AT89C55WD, AT89LP51ED2, AT89LP51RB2, AT89LP51RC2, AT89LP51RD2, AT89LP52, AT89LP52QS840, AT89LS52, AT89S51, AT89S52, AT89S8253 and ATmega8515 device families available in 44L PLCC (16.6x16.6x4.4mm) package.

Pre and Post Change Summary:

		Pre Change	Post Change
Final Test Site		Lingsen Precision Industries, LTD. (LPI)	Microchip Technology Operations (Philippines) Corporation (MPHL)
Base Quantity Multiple (BQM)	Tape and Reel	500	500
	Tube	27	27
Pin1 Orientation	Tape and Reel	See Pre and Post Change for comparison.	
	Tube	See Pre and Post Change for comparison.	
Tape and Reel	Color	White	White
	Dimension	With dimensional changes. See Pre and Post Change Summary for comparison.	
Tube	Color	Clear	Clear
	Dimension	Minor dimensional change. See Pre and Post Change Summary for comparison.	
Carrier Tape		No dimensional change. See Pre and Post Change Summary for comparison.	
Cover Tape		Minor dimensional change. See Pre and Post Change Summary for comparison.	
Packing Method		See Pre and Post Change Summary for comparison.	

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying MPHL as a new final test location.

Change Implementation Status:In Progress

Estimated First Ship Date:August 5, 2024 (date code: 2432)

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

Time Table Summary:

	April 2024					>	June 2024					>	August 2024				
Workweek	1 4	1 5	1 6	1 7	1 8		23	24	25	26	27	>	31	32	33	34	35
Initial PCN Issue Date				x													
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:April 22, 2024: Issued initial notification.
June 25, 2024: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on August 5, 2024.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

Attachments:

PCN_BLAS-24IEHB290_Pre_and_Post_Change_Summary.pdf
PCN_BLAS-24IEHB290_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.

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Affected Catalog Part Numbers (CPN)

AT89C51RC-24JU
AT89C55WD-24JU
AT89LP51RD2-20JU
AT89LP51RB2-20JU
AT89S51-24JUR
AT89LS52-16JU
AT89S52-24JU
AT89S52-24JUR
AT89S51-24JU
AT89LP51RC2-20JU
AT89LP52QS840-20JUR840
AT89LP52-20JU
AT89C55WD-24JUR
AT89LP51ED2-20JU
AT89S8253-24JU
AT89S8253-24JUR
ATMEGA8515-16JU
ATMEGA8515L-8JU
ATMEGA8515-16JUR
ATMEGA8515L-8JUR