

### Product Change Notification / LIAL-10HDQI000

# Date:

15-Jul-2022

# **Product Category:**

8-bit Microcontrollers

# PCN Type:

Manufacturing Change

## **Notification Subject:**

CCB 3104.005 Final Notice: Qualification of MPHL as a new final test site for selected ATMEGA48xx, ATMEGA88xx and ATMEGA168xx device families available in 32L TQFP (7x7x1mm) package.

## Affected CPNs:

LIAL-10HDQI000\_Affected\_CPN\_07152022.pdf LIAL-10HDQI000\_Affected\_CPN\_07152022.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 site for selected ATMEGA48xx, ATMEGA88xx and ATMEGA168xx device families available in 32L TQFP (7x7x1mm) package.

#### Pre and Post Change Summary:

	Pre Change	Post Change
Final Test Site	Amkor Technology Philippine (P1/P2), INC.	Microchip Technology Operations Corporation

		(ANAP)	(MPHL)							
Base Quantity	Tray	250	250							
Multiple (BQM)	Tape and Reel	2000	2000							
	Tray	Near tray chamfer	Near tray chamfer							
Pin1 Orientation	Tape and Reel	Q1	Q1							
		With minor dimensional changes								
Carrier T	ape	See attached Pre and Post Change Summary for comparison.								
	Color	White	White							
		With minor dimensional changes								
Reel	Dimension	See attached Pre and Post Change Summary for comparison.								
Packing Me	ethod	See attached 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 site.

Change Implementation Status: In Progress

Estimated First Ship Date: July 18, 2022 (date code: 2230)

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

#### Time Table Summary:

	March 2022					>		Jur	ne 20	)22		July 2022					
Workweek	1 0	1 1	1	1 3	1 4		2 3	2 4	2 5	2 6	2 7	28	29	30	31	32	
Initial PCN Issue Date				Х													
Qual Report Availability								Х									

Final PCN Issue Date				Х				
Estimated Implementation Date							Х	

Method to Identify Change: Traceability code

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:**March 21, 2022: Issued initial notification. June 10, 2022: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on July 18, 2022. July 15, 2022: Re-issued the final notification to remove the MSL information.

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

### Attachments:

PCN\_LIAL-10HDQI000\_Pre and Post Change Summary.pdf PCN\_LIAL-10HDQI000\_Qual Report.pdf

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

#### Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> 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 <u>change your PCN profile, including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections. LIAL-10HDQI000 - CCB 3104.005 Final Notice: Qualification of MPHL as a new final test site for selected ATMEGA48xx, ATMEGA88xx and ATMEGA168xx device families available in 32L TQFP (7x7x1mm) package.

Affected Catalog Part Numbers (CPN)

ATMEGA48V-10AU ATMEGA48-20AU ATMEGA48V-10AUR ATMEGA48V-10AURA4 ATMEGA48-20AUR ATMEGA88V-10AU ATMEGA88-20AU ATMEGA88-20AUR ATMEGA168-20AUR ATMEGA168V-10AUR ATMEGA168V-10AUR ATMEGA168V-10AUR