



Product Change Notification - LIAL-28CQHS251

Date:

16 Jun 2020

Product Category:

Simple and Complex Programmable Logic; 8-bit Microcontrollers; Capacitive Touch Sensors

Affected CPNs:**Notification subject:**

CCB 4248 Final Notice: Qualification of ASSH as a new assembly site for selected Atmel products available in 20L SOIC (.300in) package.

Notification text:**PCN Status:**

Final notification.

PCN Type:

Manufacturing Change

Microchip Parts Affected:

Please open one of the icons found in the Affected CPNs section above.

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

Description of Change:

Qualification of ASSH as a new assembly site for selected Atmel products available in 20L SOIC (.300in) package.

Pre Change:

Assembled at LPI using Au or CuPdAu wire, CRM-1033BF die attach and G600 molding compound material

Post Change:

Assembled at ASSH using CuPdAu wire, EN-4900G die attach and CEL9240 molding compound material

Pre and Post Change Summary:

	Pre Change		Post Change
Assembly Site	Lingsen Precision Industries, LTD. (LPI)		ASE-Shanghai (ASSH)
Wire material	Au ^{Note1}	CuPdAu ^{Note2}	CuPdAu
Die attach material	CRM-1033BF		EN-4900G
Molding compound material	G600		CEL9240
Lead frame material	C194		C194

Note 1: Applicable for device families ATF16V8xx and AT42QT2120xx

Note 2: Applicable for device families ATTINY43xx, AT89Sxx, AT89LPxx, and ATTINY26xx

**Impacts to Data Sheet:**

None

Change Impact:

None

Reason for Change:

To improve on-time delivery performance by qualifying ASSH as a new assembly site

Change Implementation Status:

In Progress

Estimated First Ship Date:

July 4, 2020 (date code: 2027)

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

Time Table Summary:

	June 2020				July 2020				
Workweek	23	24	25	26	27	28	29	30	31
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:

June 4, 2020: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on July 4, 2020.

June 16, 2020: Re-issued final notification to update the notification subject and description field in the qualification report.

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

Attachment(s):

[PCN LIAL-28CQHS251_QUAL REPORT - Rev1.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

ATF16V8C-7SU
ATF16V8CZ-15SU
ATF16V8B-15SU
ATF16V8BQL-15SU
ATF16V8B-15SU-T
ATTINY43U-SU
ATTINY43U-SUR
ATTINY4313-SU
ATTINY4313-SUR
AT42QT2120-SU
AT42QT2120-SUR
AT89S4051-24SU
AT89S2051-24SU
AT89S4051-24SUR
AT89LP4052-20SU
AT89LP2052-20SU
AT89LP4052-20SUR
ATTINY26L-8SURA2