



Product Change Notification: MAAN-12RYA0996

Date:

16-Aug-2024

Product Category:

8-Bit Microcontrollers

Notification Subject:

CCB 6690 Final Notice: Qualification of MPHL as a new final test site for selected AT89Cxx, AT89LPxx, AT89S8253, ATMEGA16xx, ATMEGA32, ATMEGA48, ATMEGA6xx, ATMEGA8xx, ATTINY2xx, ATTINY4313 and ATTINY861A device families available in 20L PDIP (.300in), 28L SPDIP (.300in) and 40L PDIP (.600in) packages.

Affected CPNs:

[MAAN-12RYA0996_Affected_CPN_08162024.pdf](#)
[MAAN-12RYA0996_Affected_CPN_08162024.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 AT89Cxx, AT89LPxx, AT89S8253, ATMEGA16xx, ATMEGA32, ATMEGA48, ATMEGA6xx, ATMEGA8xx, ATTINY2xx, ATTINY4313 and ATTINY861A device families available in 20L PDIP (.300in), 28L SPDIP (.300in) and 40L PDIP (.600in) packages.

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) | 20L | 18 | 18 | |
| | 28L | 14 | 14 | |
| | 40L | 10 | 10 | |
| Pin1 Orientation | 20L | Pin# 1 Toward Green stopper or pin | Pin# 1 Toward Green/White stopper or pin | |
| | 28L | Pin# 1 Toward Green stopper or pin | | |
| | 40L | | | |
| Tube | 20L/28L/40L | Color | Clear | Clear |
| | 20L/28L/40L | Dimension | With dimensional changes. See Pre and Post Change summary for comparison. | |
| Packing Method | | See Pre and Post Change summary for comparison. | | |

Impacts to Data Sheet:None

Change Impact:None

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

Change Implementation Status:In Progress

Estimated First Ship Date:September 23, 2024 (date code: 2439)

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

Time Table Summary:

| | March 2024 | | | | | > | August 2024 | | | | | September 2024 | | | | |
|--------------------------|------------|--------|--------|--------|--------|---|-------------|--------|--------|--------|--------|----------------|--------|--------|--------|--------|
| Workweek | 1 0 | 1 1 | 1 2 | 1 3 | 1 4 | | 3 1 | 3 2 | 3 3 | 3 4 | 3 5 | 3 6 | 3 7 | 3 8 | 3 9 | 4 0 |
| Initial PCN Issue Date | | x | | | | | | | | | | | | | | |
| Qual Report Availability | | | | | | | | | x | | | | | | | |
| Final PCN Issue Date | | | | | | | | | x | | | | | | | |

MAAN-12RYAO996 - CCB 6690 Final Notice: Qualification of MPHL as a new final test site for selected AT89Cxx, AT89LPxx, AT89S8253, ATMEGA16xx, ATMEGA32, ATMEGA48, ATMEGA6xx, ATMEGA8xx, ATTINY2xx, ATTINY4313 and ATTINY861A device families available in 20L PDIP (.300in), 28L SPDIP (.300in) and 40L PDIP (.600in) packages.

Affected Catalog Part Numbers (CPN)

ATTINY261A-PU
AT89LP2052-20PU
AT89LP4052-20PU
AT89C2051-12PU
AT89C2051-24PU
ATTINY2313V-10PU
ATTINY2313-20PU
AT89C4051-24PU
ATTINY861A-PU
ATTINY2313A-PU
ATTINY26L-8PU
ATTINY4313-PU
ATTINY26-16PU
ATMEGA644-20PU
ATMEGA644P-20PU
ATMEGA32-16PU
ATMEGA8515-16PU
ATMEGA162-16PU
ATMEGA8535-16PU
AT89S8253-24PU
AT89C51RC-24PU
AT89C55WD-24PU
ATMEGA8-16PUA4
ATMEGA88V-10PU
ATMEGA168-20PU
ATMEGA48-20PU