



Product Change Notification / MAAN-18LNHT985

Date:

27-Sep-2023

Product Category:

8-bit Microcontrollers, Capacitive Touch Sensors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6565 Initial Notice: Qualification of Microchip Technology Gresham – Fab 4 (GRTM) as an additional fabrication site for selected AT42QT1xx, AT90PWM81xx, ATMEGA128xx, ATMEGA16xx, ATMEGA32xx, ATMEGA64xx, ATMEGA8xx and ATTINYxx device families available in various packages.

Affected CPNs:

[MAAN-18LNHT985_Affected_CPN_09272023.pdf](#)

[MAAN-18LNHT985_Affected_CPN_09272023.csv](#)

Notification Text:

PCN Status:Initial 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 Microchip Technology Gresham – Fab 4 (GRTM) as an additional fabrication site for selected AT42QT1xx, AT90PWM81xx, ATMEGA128xx, ATMEGA16xx, ATMEGA32xx, ATMEGA64xx, ATMEGA8xx and ATTINYxx device families available in various packages.

Pre and Post Change Summary:

	Pre Change	Post Change	
Fabrication Site	Microchip Technology Tempe – Fab 2 (TMGR)	Microchip Technology Tempe – Fab 2 (TMGR)	Microchip Technology Gresham – Fab 4 (GRTM)
Wafer Diameter	8 inch	8 inch	8 inch

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve on-time delivery performance by qualifying Microchip Technology Gresham – Fab 4 (GRTM) as an additional fabrication site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:December 2023

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	September 2023					>	December 2023				
Workweek	3 5	3 6	3 7	3 8	3 9		48	49	50	51	52
Initial PCN Issue Date					x						
Qual Report Availability							X				
Final PCN Issue Date							X				

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:September 27, 2023: Issued initial notification.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding

the material content of the applicable products.

Attachments:

[PCN_MAAN-18LNHT985_Qual Plan.pdf](#)

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

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