



Product Change Notification: MAAN-16HABX699

Date:

21-May-2025

Product Category:

8-Bit Microcontrollers, Analog Temperature Sensors, Charge Pump DC-To-DC Converters, Digital Temperature Sensors, Linear Comparators, Linear Op Amps, Linear Regulators, Power Management - PWM Controllers, Power Management - System Supervisors/Voltage Detectors, Switching Regulators

Notification Subject:

CCB 7364.013 Initial Notice: Qualification of Microchip Technology Gresham – Fab 4 (GRTM) as a new fabrication location for selected MCP125x, MCP1602, MCP162x, MCP163x, MCP164x, MCP1726, MCP62x, MCP63x, MCP65x, MCP66x, MCP970x, TC101x, TC1047, TC105x, TC107x, TC110x, TC117x, TC118x, TC122x, TC126x, TC1272A, TC130xx, TC1313, TC2117, TC74, TCM80x, MCP1612, MCP6Vx and TCM810 device families available in various packages.

Affected CPNs:

[MAAN-16HABX699_Affected_CPN_05212025.pdf](#)
[MAAN-16HABX699_Affected_CPN_05212025.csv](#)

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 a new fabrication location for selected MCP125x, MCP1602, MCP162x, MCP163x, MCP164x, MCP1726, MCP62x, MCP63x, MCP65x, MCP66x, MCP970x, TC101x, TC1047, TC105x, TC107x, TC110x, TC117x, TC118x, TC122x, TC126x, TC1272A, TC130xx, TC1313, TC2117, TC74, TCM80x, MCP1612, MCP6Vx and TCM810 device families available in various packages.

Pre and Post Summary Changes:

	Pre Change	Post Change
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Fabrication Site*	Microchip Technology Tempe – Fab 2 (TMGR)	Microchip Technology Gresham – Fab 4 (GRTM)
Wafer Size	8"	8"

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve manufacturability and on time delivery performance by qualifying a new fabrication location (GRTM - FAB 4), which is a Microchip-owned facility that offers significant expansion potential to better meet future client demand. *Note: The attached file called Tempe_Fab2_IATF_Decertification is for the manufacturing site deactivation of Microchip Technology Tempe – Fab 2 (TMGR), contact your local Microchip sales office for inquiries.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: October 2025

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.

Timetable Summary:

	February 2025					>	October 2025				
Work Week	05	06	07	08	09		40	41	42	43	44
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:

February 21, 2025: Issued initial notification

May 21, 2025: Re-issued to update the number of lots from 1 to 3 for ESD (HBM), ESD (CDM), and Latch-Up tests in the Qualification Plan. The affected CPN was also updated to include MCP1640CT-I/MCVAO.

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

Attachments:

[PCN_MAAN-16HABX699_Qual-Plan.pdf](#)

[Tempe-Fab2-IATF-Decertification.pdf](#)

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

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