



## Product Change Notification: ALAN-05ALJT637

### Date:

22-May-2025

### Product Category:

Battery Management and Fuel Gauges - Battery Chargers, General Purpose LED Drivers, Linear Comparators, Linear Op Amps, Linear Regulators, Power Management - PMIC, Power Management - PWM Controllers, Switching Regulators, Voltage References

### Notification Subject:

CCB 7364.004 Final Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected LM4040, LM4041, MIC23158, MIC23159, MIC38C42, MIC38C43, MIC38C44, MIC38C45, MIC4043, MIC4680, MIC4681, MIC4682, MIC4684, MIC4685, MIC4690, MIC5201, MIC5203, MIC5205, MIC5206, MIC5207, MIC5208, MIC5209, MIC5210, MIC5211, MIC5212, MIC5213, MIC5216, MIC5219, MIC5234, MIC5236, MIC5237, MIC5238, MIC5239, MIC5270, MIC5271, MIC6211, MIC6270, MIC79050, MM5450 and MM5451 device families available in various packages.

### Affected CPNs:

[\*\*ALAN-05ALJT637\\_Affected\\_CPN\\_05222025.pdf\*\*](#)

[\*\*ALAN-05ALJT637\\_Affected\\_CPN\\_05222025.csv\*\*](#)

**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:** CCB 7364.004 Final Notice: Qualification of Microchip Technology Colorado – Fab 5 (MCSO) as a new fabrication location for selected LM4040, LM4041, MIC23158, MIC23159, MIC38C42, MIC38C43, MIC38C44, MIC38C45, MIC4043, MIC4680, MIC4681, MIC4682, MIC4684, MIC4685, MIC4690, MIC5201, MIC5203, MIC5205, MIC5206, MIC5207, MIC5208, MIC5209, MIC5210, MIC5211, MIC5212, MIC5213, MIC5216, MIC5219, MIC5234, MIC5236, MIC5237, MIC5238, MIC5239, MIC5270, MIC5271, MIC6211, MIC6270, MIC79050, MM5450 and MM5451 device families available in various packages.

### Pre and Post Summary Changes:

|                         | <b>Pre Change</b>                         | <b>Post Change</b>                   |
|-------------------------|---|--------------------------------------|
| <b>Fabrication Site</b> | Microchip Technology Tempe – Fab 2 (TMGR) | Microchip Technology Colorado (MCSO) |
| <b>Wafer Size</b>       | 8"  | 6"                                   |

### Impacts to Datasheet: None

### **Change Impact: None**

**Reason for Change:** To improve manufacturability and on time delivery performance by qualifying a new fabrication location (MCSO - FAB 5), 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 First Ship Date:** 22 June 2025 (date code: 2525)

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

## Timetable Summary:

**Method to Identify Change:** Traceability Code

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

**Revision History:** February 13, 2025: Issued initial notification.

May 22, 2025: Issued final notification. Revised affected parts list and updated PCN title to remove MIC5233, MIC5235, MIC5225, MIC3490 and MIC5295 device families and add LM4040, LM4041, MIC23158, MIC23159, MIC4043, MIC4681, MIC4682, MIC4690, MIC5203, MIC5206, MIC5208, MIC5211, MIC5213, MIC5216, MIC5270, MIC5271, MIC6211 and MIC6270 device families. Attached the Qualification Report. Provided estimated first ship date to be on June 22, 2025.

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

**Attachments:**

**Tempe Fab 2-IATF\_Decertification.pdf**  
**PCN\_ALAN-05ALJT637\_Qualification Report.pdf**

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

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