



Product Change Notification: MAAN-27WMLJ297

Date:

30-Oct-2024

Product Category:

Switching Regulators

Notification Subject:

CCB 7227 Initial Notice: Qualification of ATP7 as an additional assembly site for selected MCP16411, MCP16412, MCP16413, MCP16414, MCP16415, MCP16416, MCP16417 and MCP16418 device families available in 10L TDFN (3x3x0.8mm) package.

Affected CPNs:

[**MAAN-27WMLJ297_Affected_CPN_10302024.pdf**](#)

[**MAAN-27WMLJ297_Affected_CPN_10302024.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 ATP7 as an additional assembly site for selected MCP16411, MCP16412, MCP16413, MCP16414, MCP16415, MCP16416, MCP16417 and MCP16418 device families available in 10L TDFN (3x3x0.8mm) package.

Pre and Post Summary Changes:

| | Pre Change | Post Change | |
|---------------|--|--|--|
| Assembly Site | Amkor Assembly & Test (Shanghai) Co., LTD. (ANAC) | Amkor Assembly & Test (Shanghai) Co., LTD. (ANAC) | Amkor Technology Philippines (P3/P4), INC. (ATP7) |

| | | | |
|----------------------------------|-----------|-----------|-----------|
| Wire Material | Au | Au | Au |
| Die Attach Material | CRM-1085A | CRM-1085A | CRM-1085A |
| Molding Compound Material | G631BQF | G631BQF | G631BQF |
| Lead-Frame Material | C194 | C194 | C194 |

Impacts to Datasheet: None

Change Impact: None

Reason for Change: To improve on-time delivery performance by qualifying ATP7 as an additional assembly site.

Change Implementation Status: In Progress

Estimated Qualification Completion Date: March 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:

Method to Identify Change: Traceability Code

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

Revision History: October 30, 2024: Issued initial notification.

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-27WMLJ297 Qual_Plan.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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