



Product Change Notification / RMES-08CAPT799

Date:

15-Sep-2022

Product Category:

Power Management - System Supervisors/Voltage Detectors

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4776 Final Notice: Qualification of Microchip Technology Tempe – Fab 2 (TMGR) as a new fabrication site for Microsemi SG3548N and SG2548N catalog part numbers (CPN) available in 16L PDIP (.300in) and SG3548DW, SG2548DW and SG2548DW-TR catalog part numbers available in 16L SOIC (.300in) packages.

Affected CPNs:

[RMES-08CAPT799_Affected_CPN_09152022.pdf](#)
[RMES-08CAPT799_Affected_CPN_09152022.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 Microchip Technology Tempe – Fab 2 (TMGR) as a new fabrication site for Microsemi SG3548N and SG2548N catalog part numbers (CPN) available in 16L PDIP (.300in) and SG3548DW, SG2548DW and SG2548DW-TR catalog part numbers available in 16L SOIC (.300in) packages.

Pre and Post Change Summary:

| | Pre Change | Post Change |
|------------------------------|--|---|
| Fabrication Site | Microsemi Garden Grove Bipolar Linear Fab Line Fab1 (MGGV) | Microchip Technology Tempe – Fab 2 (TMGR) |
| Wafer diameter | 4 inches | 8 inches |
| Die size | No change | No change |
| Quality certification | AS9100/ISO9001 | ISO9001/TS16949 or IATF16949 |

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying Microchip Technology Tempe – Fab 2 (TMGR) as a new fabrication site.

Change Implementation Status:In Progress

Estimated First Ship Date:October 10, 2022 (date code: 2242)

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

Time Table Summary:

| | November 2021 | | | | | > | September 2022 | | | | | October 2022 | | | | |
|-------------------------------|---------------|---|---|---|---|---|----------------|---|---|---|---|--------------|---|---|---|---|
| Workweek | 4 | 4 | 4 | 4 | 4 | | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 5 | 6 | 7 | 8 | 9 | | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 | 4 | 5 |
| Initial PCN Issue Date | | x | | | | | | | | | | | | | | |
| Qual Report Availability | | | | | | | | x | | | | | | | | |
| Final PCN Issue Date | | | | | | | | x | | | | | | | | |
| Estimated Implementation Date | | | | | | | | | | | | x | | | | |

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History: November 09, 2021: Issued initial notification.

September 15, 2022: Issued final notification. Attached the Qualification Report. Provided estimated first ship date to be on October 10, 2022.

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

Attachments:

[PCN_RMES-08CAPT799_Qualification_Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

SG3548N

SG3548DW

SG2548N

SG2548DW

SG2548DW-TR