



Product Change Notification / GBNG-19TOBI439

Date:

04-Nov-2021

Product Category:

Analog Temperature Sensors, Depletion Mode MOSFETs, Linear Regulator ICs, Linear Regulators, Voltage References

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4885 Initial Notice: Qualification of CEL-8240 GS as a new mold compound material for selected Supertex CL2xx, CL52xx, LND150, MCP15xx, MCP170x and MCP970xx device families available in 3L TO-92 package assembled at CRTK assembly site.

Affected CPNs:

[GBNG-19TOBI439_Affected_CPN_11042021.pdf](#)

[GBNG-19TOBI439_Affected_CPN_11042021.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 CEL-8240 GS as a new mold compound material for selected Supertex CL2xx, CL52xx, LND150, MCP15xx, MCP170x and MCP970xx device families available in 3L TO-92 package assembled at CRTK assembly site.

Pre and Post Change Summary:

| | | Pre Change | | Post Change |
|------------------------------|-----------|---|---|---|
| Assembly Site | | Greatek Electronic Inc. (GTK) | Cirtek Electronics Corporation (CRTK) | Cirtek Electronics Corporation (CRTK) |
| Wire Material | | Au | Au | Au |
| Die Attach Material | | CRM1076DJ-G | 84-1LMISR4 | 84-1LMISR4 |
| Molding Compound Material | | G600F | EME-G600 | CEL-8240 GS |
| Lead frame | Material | CDA194 | A194 | A194 |
| | Lead lock | No | No | No |
| | Design | See attached Pre and Post change comparison | | |
| Package Lay-out | | See attached Pre and Post change comparison | | |

*Note: C194, A194 or CDA194 Lead frame material are the same, it is just a MCHP internal labelling difference.

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve productivity and on-time delivery performance by qualifying CEL-8240 GS as a new mold compound material at CRTK assembly site.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:February 2022

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:

| | November 2021 | | | | | > | February 2022 | | | | |
|---------------------------|---------------|--------|--------|--------|--------|---|---------------|---|---|---|--------|
| Workweek | 4 5 | 4 6 | 4 7 | 4 8 | 4 9 | | 6 | 7 | 8 | 9 | 1 0 |
| Initial PCN Issue Date | x | | | | | | | | | | |
| Qual Report | | | | | | | x | | | | |

| | | | | | | | | | | | |
|----------------------|--|--|--|--|--|---|--|--|--|--|--|
| Availability | | | | | | | | | | | |
| 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:November 04, 2021: 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_GBNG-19TOBI439_Qual_Plan.pdf](#)
- [PCN_GBNG-19TOBI439_Pre_and_Post Change_Summary.pdf](#)

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

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If you wish to [change your PCN profile, including opt out](#), please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

CL25N3-G
CL2N3-G
CL2N3-G-D591
CL2N3-G-D602
CL2N3-G-P002
CL520N3-G
CL525N3-G
LND150N3-G
LND150N3-G-P002
LND150N3-G-P003
LND150N3-G-P013
LND150N3-G-P014
MCP1525-I/TO
MCP1541-I/TO
MCP1700-1202E/TO
MCP1700-1302E/TO
MCP1700-1502E/TO
MCP1700-1802E/TO
MCP1700-2102E/TO
MCP1700-2302E/TO
MCP1700-2502E/TO
MCP1700-2702E/TO
MCP1700-2802E/TO
MCP1700-3002E/TO
MCP1700-3102E/TO
MCP1700-3302E/TO
MCP1700-4002E/TO
MCP1700-5002E/TO
MCP1700-3001E/TO
MCP9700-E/TO
MCP9700A-E/TO
MCP9701-E/TO
MCP9701A-E/TO
MCP1702-1202E/TO
MCP1702-1502E/TO
MCP1702-1802E/TO
MCP1702-2502E/TO
MCP1702-2802E/TO
MCP1702-3002E/TO
MCP1702-3302E/TO
MCP1702-3602E/TO
MCP1702-4002E/TO
MCP1702-5002E/TO