



Product Change Notification / GBNG-05DBFM122

Date:

21-Jun-2024

Product Category:

Driver / Interface ICs, EL Backlight Driver ICs, Switching Regulators

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6085 Final Notice: Qualification of UNIG as an additional final test site for LM2574, LM2575, MIC2145, MIC2202, MIC2203, MIC2204, MIC2981, MIC4574, MIC4826, MIC4827, MIC4830, MIC4832, MIC4833, MIC5800, MIC5801, MIC5891, MIC58P01 and MIC59P50 device families available in Tube and Tape & Reel packing media.

Affected CPNs:

[GBNG-05DBFM122_Affected_CPN_06212024.pdf](#)
[GBNG-05DBFM122_Affected_CPN_06212024.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 UNIG as an additional final test site for LM2574, LM2575, MIC2145, MIC2202, MIC2203, MIC2204, MIC2981, MIC4574, MIC4826, MIC4827, MIC4830, MIC4832, MIC4833, MIC5800, MIC5801, MIC5891, MIC58P01 and MIC59P50 device families available in Tube and Tape & Reel packing media.

Pre and Post Change Summary:

| | | Pre Change | Post Change | | |
|------------------------------|---------------|------------------------------------------------|------------------------------------------------|-----------------------------------------------|--|
| Final Test Site | | Unisem (M) Berhad Perak, Malaysia (UNIS) | Unisem (M) Berhad Perak, Malaysia (UNIS) | Unisem (M) Berhad Gopeng, Malaysia UNIG | |
| Base Quantity Multiple (BQM) | Tape and Reel | No change | | | |
| Pin 1 Orientation | | No change | | | |
| Carrier Tape | | No dimensional changes. | | | |
| Cover Tape | | No dimensional changes. | | | |
| Dimension | | No dimensional changes. | | | |
| Color | | No change | | | |
| Base Quantity Multiple (BQM) | Tube | No change | | | |
| Pin 1 Orientation | | No change | | | |
| Dimension | | No dimensional changes. | | | |
| Color | | No change | | | |
| Packing Method | | No change | | | |

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve on-time delivery performance by qualifying UNIG as an additional final test site.

Change Implementation Status:In Progress

Estimated First Ship Date:July 19, 2024 (date code: 2429)

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

Time Table Summary:

| | May 2023 | | | | | > | June 2024 | | | | | July 2024 | | | | |
|----------|----------|---|---|---|---|---|-----------|----|----|----|----|-----------|----|----|----|----|
| Workweek | 1 | 1 | 2 | 2 | 2 | | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|--|--|--|---|--|--|--|--|---|--|--|--|
| | 8 | 9 | 0 | 1 | 2 | | | | | | | | | | | | |
| 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:May 10, 2023: Issued initial notification.
June 21, 2024: Issued final notification. Attached the Qualification Report. Revised the Notification Subject to specify all affected device families. Provided estimated first ship date to be on July 19, 2024.

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-05DBFM122_Qual_Report.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)

LM2574-12YN
LM2574-3.3YN
LM2574-5.0YN
LM2574YN
LM2575-12YN
LM2575-12YWM
LM2575-12YWM-TR
LM2575-3.3YN
LM2575-3.3YWM
LM2575-3.3YWM-TR
LM2575-5.0YN
LM2575-5.0YWM
LM2575-5.0YWM-TR
LM2575YN
LM2575YWM
LM2575YWM-TR
MIC2145YML
MIC2145YML-TR
MIC2145YMM
MIC2145YMM-TR
MIC2202YML
MIC2202YML-TR
MIC2203YML-TR
MIC2204YML
MIC2204YML-TR
MIC2204YMM
MIC2204YMM-TR
MIC2981/82YN
MIC2981/82YWM
MIC2981/82YWM-TR
MIC4574-3.3YN
MIC4574-5.0YN
MIC4574YN
MIC4826YMM
MIC4826YMM-TR
MIC4827YMM
MIC4827YMM-TR
MIC4830YML-TR
MIC4832YML-TR
MIC4833YML-TR
MIC5800YM
MIC5800YM-TR
MIC5800YN
MIC5801BWM
MIC5801BWM-TR
MIC5801YV

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~~MIC5801YV-TR~~

MIC5801YWM

MIC5801YWM-TR

MIC5891YN

MIC5891YWM

MIC5891YWM-TR

MIC58P01YV

MIC58P01YV-TR

MIC58P01YWM

MIC58P01YWM-TR

MIC59P50BWM-TR

MIC59P50YV

MIC59P50YV-TR

MIC59P50YWM

MIC59P50YWM-TR



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QUALIFICATION REPORT SUMMARY

PCN #: GBNG-05DBFM122

Date:

June 10, 2024

Qualification of UNIG as an additional final test site for LM2574, LM2575, MIC2145, MIC2202, MIC2203, MIC2204, MIC2981, MIC4574, MIC4826, MIC4827, MIC4830, MIC4832, MIC4833, MIC5800, MIC5801, MIC5891, MIC58P01 and MIC59P50 device families available in Tube and Tape & Reel packing media.

Purpose: Qualification of UNIG as an additional final test site for LM2574, LM2575, MIC2145, MIC2202, MIC2203, MIC2204, MIC2981, MIC4574, MIC4826, MIC4827, MIC4830, MIC4832, MIC4833, MIC5800, MIC5801, MIC5891, MIC58P01 and MIC59P50 device families available in Tube and Tape & Reel packing media.

CCB No. 6085

| Test Name | Test Conditions | Sample Size | Qty of Lots | Fail/Accept Criteria | Result |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|----------------------|--------|
| Bin and Yield Comparison | Test the same units at existing and destination locations and compare BIN and Yield data. | 3000 | 1 | ≤0.1% | Passed |
| Parametric Correlation | Characterize the same units at existing and destination locations and compare data. | 33 | 1 | ≤10% | Passed |
| Correlation Lot report | Yield at each step and reject analysis between systems. 33 units are tested as lot correlation. • Accept on yield match within 0.1% | 33 | 1 | ≤0.1% | Passed |