



Product Change Notification / GBNG-05DBFM122

Date:

10-May-2023

Product Category:

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

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6085 Initial Notice: Qualification of UNIG as an additional final test site for MIC2xxx, MIC4xxx, MIC5xxx and LM257xxx device families available in Tube and Tape & Reel packing media.

Affected CPNs:

[GBNG-05DBFM122_Affected_CPN_05102023.pdf](#)
[GBNG-05DBFM122_Affected_CPN_05102023.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 UNIG as an additional final test site for MIC2xxx, MIC4xxx, MIC5xxx and LM257xxx device families available in Tube and Tape & Reel packing media.

Pre and Post Change Summary:

	Pre Change	Post Change
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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 Impact:None

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

Change Implementation Status:In Progress

Estimated Qualification Completion Date:December 2023

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:

	May 2023	>	December 2023
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Workweek	1 8	1 9	2 0	2 1	2 2		4 8	4 9	5 0	5 1	5 2
Initial PCN Issue Date		X									
Qual Report Availability							X				
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:May 10, 2023: 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-05DBFM122 Qual Plan.pdf](#)

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

Terms and Conditions:

If you wish to [receive Microchip PCNs via email](#) please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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)

MIC4574-3.3YN
MIC4574-5.0YN
MIC4574YN
MIC5801YWM
MIC5801BWM
MIC5801YV
MIC5801YWM-TR
MIC5801BWM-TR
MIC5801YV-TR
MIC5800YN
MIC5800YM
MIC5800YM-TR
LM2574-12YN
LM2574-3.3YN
LM2574-5.0YN
LM2574YN
LM2575-12YN
LM2575-3.3YN
LM2575-5.0YN
LM2575-12YWM
LM2575-3.3YWM
LM2575-5.0YWM
LM2575-12YWM-TR
LM2575-3.3YWM-TR
LM2575-5.0YWM-TR
MIC2981/82YWM
MIC2981/82YN
MIC2981/82YWM-TR
MIC58P01YV
MIC59P50YV
MIC58P01YWM
MIC59P50YWM
MIC58P01YV-TR
MIC59P50YV-TR
MIC58P01YWM-TR
MIC59P50YWM-TR
MIC59P50BWM-TR
LM2575YN
LM2575YWM
LM2575YWM-TR
MIC4830YML-TR
MIC4832YML-TR
MIC4833YML-TR
MIC5891YN
MIC5891YWM
MIC5891YWM-TR

MIC2145YMM

MIC2145YML

MIC2145YMM-TR

MIC2145YML-TR

MIC4826YMM

MIC4827YMM

MIC4826YMM-TR

MIC4827YMM-TR

MIC2202YML

MIC2202YML-TR

MIC2203YML-TR

MIC2204YMM

MIC2204YMM-TR

MIC2204YML-TR

MIC2204YML



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QUALIFICATION PLAN SUMMARY

PCN #: GBNG-05DBFM122

Date

May 03, 2023

**Qualification of UNIG as an additional final test site for
MIC2xxx, MIC4xxx, MIC5xxx and LM257xxx device families
available in Tube and Tape & Reel packing media.**

Purpose: Qualification of UNIG as an additional final test site for MIC2xxx, MIC4xxx, MIC5xxx and LM257xxx 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
Bin and Yield Comparison	Test the same units at existing and destination locations and compare BIN and Yield data.	3000	1	≤0.1%
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	≤10%
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%