

Product Change Notification / RMES-10BDGX199

Date:

12-May-2023

Product Category:

Clock and Timing - Clock and Data Distribution, Clock and Timing - High Speed Communication

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6143.001 Initial Notice: Qualification of UNIG as a new final test site for selected SY100Exxx, SY10EP89Vxx, SY84xxx, SY88xxx and SYCUSTDIP1 device families available in various packages using Tube and Tape & Reel packing media.

Affected CPNs:

RMES-10BDGX199_Affected_CPN_05122023.pdf RMES-10BDGX199_Affected_CPN_05122023.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 a new final test site for selected SY100Exxx, SY10EP89Vxx, SY84xxx, SY88xxx and SYCUSTDIP1 device families available in various packages using Tube and Tape & Reel packing media.

Pre and Post Change Summary:

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

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability and on-time delivery performance by qualifying UNIG as a new 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					
Workweek	1 8	1 9	2 0	2	2 2		4 8	4 9	5 0	5 1	5 2
Initial PCN Issue Date		Χ									

Qual Report Availability				Χ		
Final PCN Issue Date				Χ		

Method to Identify Change:Traceability code

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

Revision History:

May 11, 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_RMES-10BDGX199_Qual Plan.pdf

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

Terms and Conditions:

If you wish to <u>receive Microchip PCNs via email</u> please register for our PCN email service at our <u>PCN</u> home page select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the <u>PCN FAQ</u> section.

If you wish to <u>change your PCN profile</u>, <u>including opt out</u>, please go to the <u>PCN home page</u> select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

SY88993AVKG

SY88993AVKG-TR

SY100E310LJY

SY100E310LJY-TR

SY100EL90VZG

SY100EL91LZG

SY100EL92ZG

SY100EL90VZG-TR

SY100EL91LZG-TR

SY100EL92ZG-TR

SY10EP89VZG

SY10EP89VKG

SY88803VKG

SY88813VKG

SY88822VKG

SY88903VKG

SY88922VKG

SY88943VKG

SY88923AVKG

SY10EP89VZG-TR

SY10EP89VKG-TR

SY88803VKG-TR

SY88813VKG-TR

SY88822VKG-TR

SY88903VKG-TR

SY88922VKG-TR

SY88943VKG-TR

SY88923AVKG-TR

SY88149HALMG

SY84782UMG

SY88932LMG

SY88982LMG

SY88149NDLMG

SY88432LMG

SY88149HALMG-TR

SY84782UMG-TR

SY88932LMG-TR

SY88982LMG-TR

SY88149NDLMG-TR

SYCUSTDIP1-TR

SY88432LMG-TR

SY88303BLEY

SY88343BLEY

SY88403BLEY

SY84113BUMG

SY88303BLMG

Date: Thursday, May 11, 2023

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SY88343BLMG
SY88773VMG
SY88303BLEY-TR

SY88343BLEY-TR SY88403BLEY-TR

3100403DLE1-1K

SY84113BUMG-TR

SY88303BLMG-TR

SY88403BLMG-TR

SY88773VMG-TR

SY88149CLKG

SY88149CLKG-TR

SY88022ALMG

SY88022ALMG-TR

SY88053CLMG

SY88073LMG

SY88083LMG

SY88053CLMG-TR

SY88073LMG-TR

SY88083LMG-TR

SY88953ALMG

SY88953ALMG-TR

Date: Thursday, May 11, 2023



QUALIFICATION PLAN SUMMARY

PCN #: RMES-10BDGX199

Date May 03, 2023

Qualification of UNIG as a new final test site for selected SY100Exxx, SY10EP89Vxx, SY84xxx, SY88xxx and SYCUSTDIP1 device families available in various packages using Tube and Tape & Reel packing media.

Purpose: Qualification of UNIG as a new final test site for selected SY100Exxx,

SY10EP89Vxx, SY84xxx, SY88xxx and SYCUSTDIP1 device families

available in various packages using Tube and Tape & Reel packing media.

CCB No. 6143.001

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%