



## Product Change Notification / RMES-10BDGX199

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### 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:

	Pre Change	Post Change
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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 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 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)

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

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SY88343BLMG

SY88403BLMG

SY88773VMG

SY88303BLEY-TR

SY88343BLEY-TR

SY88403BLEY-TR

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



**MICROCHIP**

## **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	$\leq 0.1\%$
Parametric / Characterization Comparison	Characterize the same units at existing and destination locations and compare data.	33	1	$\leq 10\%$
Correlation Lot report	Yield at each step and reject analysis between systems. 33 units are tested as lot correlation. <ul style="list-style-type: none"><li>• Accept on yield match within 0.1%</li></ul>	33	1	$\leq 0.1\%$