

### **Product Change Notification / RMES-07BGQT464**

Date:

25-Jan-2023

## **Product Category:**

16-Bit - Microcontrollers and Digital Signal Controllers

# **PCN Type:**

Manufacturing Change

# **Notification Subject:**

CCB 5257 Final Notice: Qualification of MMT as an additional assembly site for selected DSPIC33CK32Mx102 and DSPIC33CK64Mx102 device families available in 28L UQFN (4x4x0.6mm) package.

### **Affected CPNs:**

RMES-07BGQT464\_Affected\_CPN\_01252023.pdf RMES-07BGQT464\_Affected\_CPN\_01252023.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 MMT as an additional assembly site for selected DSPIC33CK32Mx102 and DSPIC33CK64Mx102 device families available in 28L UQFN (4x4x0.6mm) package.

### **Pre and Post Change Summary:**

		Pre Change	Post	Change			
Assemb	oly Site	ASE Inc. (ASE)	ASE Inc. (ASE)	Microchip Technology Thailand (Branch) – (MMT)			
Wire M	laterial	Au	Au				
Die Attach	n Material	FH-900T	FH-900T	HR-5104T-25			
Molding Comp	ound Material	CEL-9240 CEL-9240		G700LTD			
	Material	C7025	C7025	EFTEC64T			
Lead-Frame Material	Lead Lock	No	No	Yes			
	(Locking Holes)	See Pre and Post Change Summary for comparison.					

Impacts to Data Sheet:None

Change ImpactNone

**Reason for Change:**To improve productivity by qualifying MMT as an additional assembly site.

**Change Implementation Status:**In Progress

Estimated First Ship Date:March 21, 2023 (date code: 2312)

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

## Time Table Summary:

	September 2022						J	anu	ary	202	3	^	March 2023				
Workweek	3 6	3 7	3 8	3 9	4 0		1	2	3	4	5		9	10	11	12	13
Initial PCN Issue Date		Х															
Qual Report Availability							Х										
Final PCN Issue Date							х										
Estimated Implementation																Х	

_	_		_							
Date										l

Method to Identify Change: Traceability code

**Qualification Report:**Please open the attachments included with this PCN labeled as PCN\_#\_Qual\_Report.

**Revision History:** September 08, 2022: Issued initial notification.

January 5, 2023: Issued final notification. Attached the Qualification Report. Updated affected CPN list to include catalog part numbers (CPN) released prior issuance of the Final PCN. Provided estimated first ship date to be on March 21, 2023.

January 25, 2023: Re-issued final notification to update the Die Attach Material from HR-5104 to HR-5104T-25 to align with the actual Die Attach Material. There is no change in the material or qualification, only update the Die Attach number.

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-07BGQT464\_Qual\_Report.pdf PCN\_RMES-07BGQT464\_Pre and Post Change Summary.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)

DSPIC33CK128MC502T-I/M6

DSPIC33CK256MC102T-I/M6

DSPIC33CK128MC102T-I/M6

DSPIC33CK256MC502T-E/M6

DSPIC33CK128MC502T-E/M6

DSPIC33CK256MC102T-E/M6

DSPIC33CK128MC102T-E/M6

DSPIC33CK64MP102-E/M6

DSPIC33CK32MP102-E/M6

DSPIC33CK64MP102-E/M6C01

DSPIC33CK64MP102-I/M6

DSPIC33CK32MP102-I/M6

DSPIC33CK64MP102-H/M6

DSPIC33CK32MP102-H/M6

DSPIC33CK64MP102T-I/M6

DSPIC33CK32MP102T-I/M6

DSPIC33CK64MP102T-E/M6

DSPIC33CK32MP102T-E/M6

DSPIC33CK64MP102T-E/M6C01

DSPIC33CK64MC102-E/M6

DSPIC33CK32MC102-E/M6

DSPIC33CK64MC102-I/M6

DSPIC33CK32MC102-I/M6

DSPIC33CK64MC102-H/M6

DSPIC33CK32MC102-H/M6

DSPIC33CK64MC102T-I/M6

DSPIC33CK32MC102T-I/M6

DSPIC33CK64MC102T-E/M6

DSPIC33CK32MC102T-E/M6

DSPIC33CK256MC502-E/M6

DSPIC33CK128MC502-E/M6

DSPIC33CK256MC102-E/M6

DSPIC33CK128MC102-E/M6 DSPIC33CK256MC502-I/M6

DSPIC33CK128MC502-I/M6

DSPIC33CK256MC102-I/M6

DSPIC33CK128MC102-I/M6

DSPIC33CK256MC502-H/M6

DSPIC33CK128MC502-H/M6

DSPIC33CK256MC102-H/M6

DSPIC33CK128MC102-H/M6

DSPIC33CK256MC502T-I/M6

Date: Tuesday, January 24, 2023