



## Product Change Notification - GBNG-28KTVF982

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**Date:**

12 Feb 2020

**Product Category:**

16-Bit - Microcontrollers and Digital Signal Controllers; Capacitive Touch Sensors; 32-bit Microcontrollers

**Affected CPNs:****Notification subject:**

CCB 3300.003 Final Notice: Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected products available in 64L and 44L TQFP (10x10x1mm) package at MTAI assembly site.

**Notification text:****PCN Status:**

Final notification.

**PCN Type:**

Manufacturing Change

**Microchip Parts Affected:**

Please open one of the icons found in the Affected CPNs section above.

**NOTE:** For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:**

Qualification of palladium coated copper with gold flash (CuPdAu) bond wire for selected products available in 64L and 44L TQFP (10x10x1mm) package at MTAI assembly site.

**Pre Change:**

Using gold (Au) bond wire

**Post Change:**

Using palladium coated copper with gold flash (CuPdAu) bond wire

**Pre and Post Change Summary:**

	Pre Change	Post Change
<b>Assembly Site</b>	Microchip Technology Thailand HQ (MTAI)	Microchip Technology Thailand HQ (MTAI)
<b>Wire material</b>	Au	CuPdAu
<b>Die attach material</b>	3280	3280
<b>Molding compound material</b>	G700HA	G700HA
<b>Lead frame material</b>	C7025	C7025

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying palladium coated copper with gold flash (CuPdAu) bond wire

**Change Implementation Status:**

In Progress

**Estimated First Ship Date:**

March 15, 2020 (date code: 2012)

NOTE: Please be advised that after the estimated first ship date customers may receive pre and



post change parts.

**Time Table Summary:**

	February 2020					March 2020				
Workweek	05	06	07	08	09	10	11	12	13	14
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:**

**February 12, 2020:** Issued final notification. Attached the qualification report and provided estimated first ship date to be on March 15, 2020.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

**Attachment(s):**

[PCN\\_GBNG-28KTVF982\\_Qual\\_Report.pdf](#)

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

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Affected Catalog Part Numbers (CPN)

PIC24EP128GP204T-I/PT037  
DSPIC33EP128MC204T-I/PTA3  
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PIC24EP128GP204T-I/PT  
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PIC24EP64GP204-I/PTC03  
HA4584-I/PT  
PIC24EP64MC204-I/PTC06  
DSPIC33EP64GP504-I/PT  
DSPIC33EP64MC204-I/PT  
DSPIC33EP64MC504-I/PT  
PIC24EP64GP204-I/PT  
PIC24EP64MC204-I/PT  
DSPIC33EP64MC206-I/PTA3  
DSPIC33EP64GP506-I/PT  
DSPIC33EP64MC206-I/PT  
DSPIC33EP64MC506-I/PT

PIC24EP64GP206-I/PT  
PIC24EP64MC206-I/PT  
DSPIC33EP64MC204T-H/PT  
DSPIC33EP64MC206T-H/PT  
DSPIC33EP64MC204-H/PT  
DSPIC33EP64MC504-H/PT  
DSPIC33EP64MC206-H/PT  
DSPIC33EP64MC204T-I/PTC01  
HA4584T-I/PT  
DSPIC33EP64MC204T-I/PT  
DSPIC33EP64MC504T-I/PT  
PIC24EP64GP204T-I/PT  
PIC24EP64MC204T-I/PT  
DSPIC33EP64MC206T-I/PT  
DSPIC33EP64MC506T-I/PT  
PIC24EP64MC206T-I/PT  
DSPIC33EP64MC204T-E/PT  
DSPIC33EP64MC504T-E/PT  
PIC24EP64MC204T-E/PT  
DSPIC33EP64MC206T-E/PT  
DSPIC33EP64MC506T-E/PT  
PIC24EP64MC206T-E/PT  
DSPIC33EP128MC204-E/PT  
DSPIC33EP128MC504-E/PT  
PIC24EP128GP204-E/PT  
DSPIC33EP128MC506-E/PT  
DSPIC33EP128GP506-E/PT  
PIC24EP128GP204-I/PT030  
PIC24EP128GP204-I/PT035  
PIC24EP128GP204-I/PT037  
DSPIC33EP128MC204-I/PTA3  
DSPIC33EP128GP504-I/PT  
DSPIC33EP128MC204-I/PT  
DSPIC33EP128MC504-I/PT  
PIC24EP128GP204-I/PT  
PIC24EP128MC204-I/PT  
DSPIC33EP128MC206-I/PTA3  
DSPIC33EP128GP506-I/PT  
DSPIC33EP128MC206-I/PT  
DSPIC33EP128MC506-I/PT  
PIC24EP128GP206-I/PT  
PIC24EP128MC206-I/PT  
DSPIC33EP128GP504-H/PT  
DSPIC33EP128MC204-H/PT  
DSPIC33EP128MC504-H/PT  
PIC24EP128GP204-H/PT  
PIC24EP128MC204-H/PT  
DSPIC33EP128GP506-H/PT  
DSPIC33EP128MC206-H/PT

DSPIC33EP128MC506-H/PT

PIC24EP128GP206-H/PT

PIC24EP128MC206-H/PT

PIC24EP128GP204T-I/PT030

PIC24EP128GP204T-I/PT032

PIC24EP128GP204T-I/PT033

PIC24EP128GP204T-I/PT035