



## Product Change Notification - GBNG-07TJKP903

---

**Date:**

17 Apr 2019

**Product Category:**

Instrumentation Amplifier; Linear Op Amps; Temperature Sensors; 8-bit Microcontrollers; Memory; Power Management - PWM Controllers; Sigma - Delta A/D Converters; Digital Potentiometers; System D/A Converters

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

CCB 3178 Final Notice: Qualification of MMT as an additional assembly site for selected products of the 150K and 160K wafer technologies available in 8L MSOP package using CuPdAu bond wire.

**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 MMT as an additional assembly site for selected products of the 150K and 160K wafer technologies available in 8L MSOP package using CuPdAu bond wire.

**Pre Change:**

Assembled at MTAI assembly site.

**Post Change:**

Assembled at MTAI or MMT assembly site.

**Pre and Post Change Summary:**

	Pre Change	Post Change	
Assembly Site	Microchip Technology Thailand - HQ (MTAI)	Microchip Technology Thailand - HQ (MTAI)	Microchip Technology Thailand - Branch (MMT)
Wire material	CuPdAu	CuPdAu	CuPdAu
Die attach material	8390A	8390A	8390A
Molding compound material	G600V	G600V	G600V
Lead frame material	CDA194	CDA194	CDA194

**Impacts to Data Sheet:**

None

**Change Impact:**

None

**Reason for Change:**

To improve productivity by qualifying MMT as an additional assembly site.

**Change Implementation Status:**

In Progress



**Estimated First Ship Date:**

July 26, 2018 (Date Code: 1830)

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

**Time Table Summary:**

Workweek	November 2017					>	June 2018					July 2018				
	44	45	46	47	48		22	23	24	25	26	27	28	29	30	31
Initial PCN Issue Date		X														
Qual Report Availability										X						
Final PCN Issue Date										X						
Estimated First Ship 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:**

**November 28, 2017:** Issued initial notification.

**June 26, 2018:** Issued final notification. Attached the qualification report. Provided estimated first date to be on July 26,2018.

**April 17, 2019:** Re-issued final notification. Updated the qualification report to include 85°C electrical test temperature in High Temperature Storage Life test (HTSL).

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-07TJKP903\\_Qual\\_Report.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)

25LC010AT-I/MS  
25LC020A-E/MS  
25LC020A-I/MS  
25LC020AT-E/MS  
25LC020AT-I/MS  
25LC040A-E/MS  
25LC040A-I/MS  
25LC040AT-E/MS  
25LC040AT-I/MS  
25LC080A-E/MS  
25LC080A-I/MS  
25LC080AT-E/MS  
25LC080AT-I/MS  
25LC080B-E/MS  
25LC080B-I/MS  
25LC080BT-E/MS  
25LC080BT-I/MS  
25LC080C-E/MS  
25LC080C-I/MS  
25LC080CT-E/MS  
25LC080CT-I/MS  
25LC080D-E/MS  
25LC080D-I/MS  
25LC080DT-E/MS  
25LC080DT-I/MS  
25LC160A-E/MS  
25LC160A-I/MS  
25LC160AT-E/MS  
25LC160AT-I/MS  
25LC160B-E/MS  
25LC160B-I/MS  
25LC160BT-E/MS  
25LC160BT-I/MS  
25LC160C-E/MS  
25LC160C-I/MS  
25LC160CT-E/MS  
25LC160CT-I/MS  
25LC160D-E/MS  
25LC160D-I/MS  
25LC160DT-E/MS  
25LC160DT-I/MS  
25LC320A-E/MS  
25LC320A-I/MS  
25LC320AT-E/MS  
25LC320AT-I/MS  
25LC640A-E/MS

25LC640A-I/MS  
25LC640AT-E/MS  
25LC640AT-I/MS  
93AA46A-I/MS  
93AA46AT-I/MS  
93AA46B-I/MS  
93AA46BT-I/MS  
93AA46C-I/MS  
93AA46CT-I/MS  
93AA56A-I/MS  
93AA56AT-I/MS  
93AA56B-I/MS  
93AA56BT-I/MS  
93AA56C-I/MS  
93AA56CT-I/MS  
93AA66A-I/MS  
93AA66AT-I/MS  
93AA66B-I/MS  
93AA66B-I/MSL21  
93AA66BT-I/MS  
93AA66BT-I/MSL21  
93AA66C-I/MS  
93AA66CT-I/MS  
93AA76A-I/MS  
93AA76AT-I/MS  
93AA76B-I/MS  
93AA76BT-I/MS  
93AA76C-I/MS  
93AA76CT-I/MS  
93AA86A-I/MS  
93AA86AT-I/MS  
93AA86B-I/MS  
93AA86BT-I/MS  
93AA86C-I/MS  
93AA86CT-I/MS  
93C46A-E/MS  
93C46A-I/MS  
93C46AT-E/MS  
93C46AT-I/MS  
93C46B-E/MS  
93C46B-I/MS  
93C46BT-E/MS  
93C46BT-I/MS  
93C46C-E/MS  
93C46C-I/MS  
93C46CT-E/MS  
93C46CT-I/MS  
93C56A-E/MS  
93C56A-I/MS

93C56AT-E/MS  
93C56AT-I/MS  
93C56B-E/MS  
93C56B-I/MS  
93C56BT-E/MS  
93C56BT-I/MS  
MCP4551T-502E/MS  
MCP4551T-503E/MS  
MCP4552-103E/MS  
MCP4552-104E/MS  
MCP4552-502E/MS  
MCP4552-503E/MS  
MCP4552T-103E/MS  
MCP4552T-104E/MS  
MCP4552T-502E/MS  
MCP4552T-503E/MS  
MCP4561-103E/MS  
MCP4561-104E/MS  
MCP4561-502E/MS  
MCP4561-503E/MS  
MCP4561T-103E/MS  
MCP4561T-104E/MS  
MCP4561T-502E/MS  
MCP4561T-503E/MS  
MCP4562-103E/MS  
MCP4562-104E/MS  
MCP4562-502E/MS  
MCP4562-503E/MS  
MCP4562T-103E/MS  
MCP4562T-104E/MS  
MCP4562T-502E/MS  
MCP4562T-503E/MS  
MCP4801-E/MS  
MCP4801T-E/MS  
MCP4802-E/MS  
MCP4802T-E/MS  
MCP4811-E/MS  
MCP4811T-E/MS  
MCP4812-E/MS  
MCP4812T-E/MS  
MCP4821-E/MS  
MCP4821T-E/MS  
MCP4822-E/MS  
MCP4822T-E/MS  
MCP4901-E/MS  
MCP4901T-E/MS  
MCP4911-E/MS  
MCP4911T-E/MS  
MCP4921-E/MS

MCP4921T-E/MS  
MCP6422-E/MS  
MCP6422T-E/MS  
MCP6472-E/MS  
MCP6472T-E/MS  
MCP6482-E/MS  
MCP6482T-E/MS  
MCP6492-E/MS  
MCP6492T-E/MS  
MCP6N16-001E/MS  
MCP6N16-010E/MS  
MCP6N16-100E/MS  
MCP6N16T-001E/MS  
MCP6N16T-010E/MS  
MCP6N16T-100E/MS  
MCP6V12-E/MS  
MCP6V12T-E/MS  
MCP6V32-E/MS  
MCP6V32T-E/MS  
MCP6V62-E/MS  
MCP6V62T-E/MS  
MCP6V72-E/MS  
MCP6V72T-E/MS  
MCP6V82-E/MS  
MCP6V82T-E/MS  
MCP6V92-E/MS  
MCP6V92T-E/MS  
MCP9801-M/MS  
MCP9801-M/MSRC2  
MCP9801T-M/MS  
MCP9801T-M/MSRC2  
MCP9803-M/MS  
MCP9803-M/MSRC2  
MCP9803T-M/MS  
MCP9803T-M/MSRC2  
MCP9804-E/MS  
MCP9804-E/MSBBB  
MCP9804T-E/MS  
MCP9804T-E/MSBBB  
MCP9808-E/MS  
MCP9808T-E/MS  
PIC12F508T-I/MS054  
PIC12F508T-I/MS076  
PIC12F508T-I/MS077  
PIC12F510-E/MS  
PIC12F510-I/MS  
PIC12F510-I/MS04  
PIC12F510T-E/MS  
PIC12F510T-I/MS

PIC12F519-E/MS  
PIC12F519-I/MS  
PIC12F519T-I/MS  
PIC12F609-E/MS  
PIC12F609-I/MS  
PIC12F609T-E/MS  
PIC12F609T-I/MS  
PIC12F615-E/MS  
PIC12F615-H/MS  
PIC12F615-I/MS  
PIC12F615-I/MS02  
PIC12F615T-E/MS  
PIC12F615T-H/MS  
PIC12F615T-I/MS  
PIC12F615T-I/MS059  
PIC12F615T-I/MS063  
PIC12F615T-I/MS068  
PIC12F615T-I/MS080  
PIC12F617-E/MS  
PIC12F617-I/MS  
PIC12F617-I/MS075  
PIC12F617-I/MS04  
PIC12F617T-E/MS  
PIC12F617T-I/MS  
PIC12F617T-I/MS046  
PIC12F617T-I/MS056  
PIC12F617T-I/MS075  
PIC12F617T-I/MS04  
PIC12F617T-I/MSV01  
PIC12HV609-E/MS  
PIC12HV609-I/MS  
PIC12HV609T-I/MS  
PIC12HV615-E/MS  
PIC12HV615-I/MS  
PIC12HV615T-E/MS  
PIC12HV615T-I/MS  
TCN75AVUA  
TCN75AVUA713  
24AA01-I/MS  
24AA01T-I/MS  
24AA02-I/MS  
24AA02T-I/MS  
24AA044-E/MS  
24AA044-I/MS  
24AA044T-E/MS  
24AA044T-I/MS  
24AA04H-I/MS  
24AA04HT-I/MS  
24AA04-I/MS

24AA04T-I/MS  
24AA08H-I/MS  
24AA08HT-I/MS  
24AA08-I/MS  
24AA08T-I/MS  
24AA128-I/MS  
24AA128T-I/MS  
24AA16-E/MS  
24AA16H-I/MS  
24AA16HT-I/MS  
24AA16-I/MS  
24AA16T-E/MS  
24AA16T-I/MS  
24AA256-E/MS  
24AA256-I/MS  
24AA256T-E/MS  
24AA256T-I/MS  
24AA32AF-I/MS  
24AA32AFT-I/MS  
24AA32A-I/MS  
24AA32AT-I/MS  
24AA64-E/MS  
24AA64F-I/MS  
24AA64FT-I/MS  
24AA64-I/MS  
24AA64T-E/MS  
24AA64T-I/MS  
24AA64T-I/MS028  
24FC128-I/MS  
24FC128T-I/MS  
24FC256-I/MS  
24FC256T-I/MS  
24FC64F-I/MS  
24FC64FT-I/MS  
24FC64-I/MS  
24FC64T-I/MS  
24LC02B-E/MS  
24LC64F-E/MS  
24LC64F-I/MS  
24LC64FT-E/MS  
24LC64FT-I/MS  
24LC64-I/MS  
24LC64T-E/MS  
24LC64T-I/MS  
25AA010A-I/MS  
25AA010AT-I/MS  
25AA020A-I/MS  
25AA020AT-I/MS  
25AA040A-I/MS



25AA040AT-I/MS  
25AA080A-I/MS  
25AA080AT-I/MS  
25AA080B-I/MS  
25AA080BT-I/MS  
25AA080C-I/MS  
25AA080CT-I/MS  
25AA080D-I/MS  
25AA080DT-I/MS  
25AA160A-I/MS  
25AA160AT-I/MS  
25AA160B-I/MS  
25AA160BT-I/MS  
25AA160C-I/MS  
25AA160CT-I/MS  
25AA160D-E/MS  
25AA160D-I/MS  
25AA160DT-E/MS  
25AA160DT-I/MS  
25AA320A-I/MS  
25AA320AT-I/MS  
25AA640A-E/MS  
25AA640A-I/MS  
25AA640AT-E/MS  
25AA640AT-I/MS  
25LC010A-E/MS  
25LC010A-I/MS  
25LC010AT-E/MS  
93C56C-E/MS  
93C56C-I/MS  
93C56CT-E/MS  
24LC02B-I/MS  
24LC02BT-E/MS  
24LC02BT-I/MS  
24LC04B-E/MS  
24LC04BH-E/MS  
24LC04BH-I/MS  
24LC04BHT-E/MS  
24LC04BHT-I/MS  
24LC04B-I/MS  
24LC04BT-E/MS  
24LC04BT-I/MS  
24LC08B-E/MS  
24LC08BH-E/MS  
24LC08BH-I/MS  
24LC08BHT-E/MS  
24LC08BHT-I/MS  
24LC08B-I/MS  
24LC08BT-E/MS

24LC08BT-I/MS  
24LC128-E/MS  
24LC128-I/MS  
24LC128T-E/MS  
24LC128T-I/MS  
24LC16B-E/MS  
24LC16BH-E/MS  
24LC16BH-I/MS  
24LC16BHT-E/MS  
24LC16BHT-I/MS  
24LC16B-I/MS  
24LC16BT-E/MS  
24LC16BT-I/MS  
24LC256-E/MS  
24LC256-I/MS  
24LC256-I/MSRVF  
24LC256T-E/MS  
24LC256T-I/MS  
24LC256T-I/MSRVF  
24LC32A-E/MS  
24LC32AF-E/MS  
24LC32AF-I/MS  
24LC32AFT-E/MS  
24LC32AFT-I/MS  
24LC32A-I/MS  
24LC32AT-E/MS  
24LC32AT-I/MS  
24LC64-E/MS  
93LC76C-I/MS  
93LC76CT-E/MS  
93LC76CT-I/MS  
93LC86A-E/MS  
93LC86A-I/MS  
93LC86AT-E/MS  
93LC86AT-I/MS  
93LC86B-E/MS  
93LC86B-I/MS  
93LC86BT-E/MS  
93LC86BT-I/MS  
93LC86C-E/MS  
93LC86C-I/MS  
93LC86CT-E/MS  
93LC86CT-I/MS  
MCP1632-AAE/MS  
MCP1632-BAE/MS  
MCP1632T-AAE/MS  
MCP1632T-BAE/MS  
MCP3422A0-E/MS  
MCP3422A0T-E/MS

MCP3422A1-E/MS  
MCP3422A1T-E/MS  
MCP3422A2-E/MS  
MCP3422A2T-E/MS  
MCP3422A3-E/MS  
MCP3422A3T-E/MS  
MCP3422A4-E/MS  
MCP3422A4T-E/MS  
MCP3422A5-E/MS  
MCP3422A5T-E/MS  
MCP3422A6-E/MS  
MCP3422A6T-E/MS  
MCP3422A7-E/MS  
MCP3422A7T-E/MS  
MCP3426A0-E/MS  
MCP3426A0T-E/MS  
MCP3426A1-E/MS  
MCP3426A1T-E/MS  
MCP3426A2-E/MS  
MCP3426A2T-E/MS  
MCP3426A3-E/MS  
MCP3426A3T-E/MS  
MCP3426A4-E/MS  
MCP3426A4T-E/MS  
MCP3426A5-E/MS  
MCP3426A5T-E/MS  
MCP3426A6-E/MS  
MCP3426A6T-E/MS  
MCP3426A7-E/MS  
MCP3426A7T-E/MS  
MCP3550-50E/MS  
MCP3550-60E/MS  
MCP3550T-50E/MS  
MCP3550T-60E/MS  
MCP3551-E/MS  
MCP3551T-E/MS  
MCP3553-E/MS  
MCP3553T-E/MS  
MCP4011-103E/MS  
MCP4011-202E/MS  
MCP4011-502E/MS  
MCP4011-503E/MS  
MCP4011T-103E/MS  
MCP4011T-202E/MS  
MCP4011T-502E/MS  
MCP4011T-503E/MS  
MCP4021-103E/MS  
MCP4021-202E/MS  
MCP4021-502E/MS

MCP4021-503E/MS  
MCP4021T-103E/MS  
MCP4021T-202E/MS  
MCP4021T-502E/MS  
MCP4021T-503E/MS  
MCP4131-103E/MS  
MCP4131-104E/MS  
MCP4131-502E/MS  
MCP4131-503E/MS  
MCP4131T-103E/MS  
MCP4131T-104E/MS  
MCP4131T-502E/MS  
MCP4131T-503E/MS  
MCP4132-103E/MS  
MCP4132-104E/MS  
MCP4132-502E/MS  
MCP4132-503E/MS  
MCP4132T-103E/MS  
MCP4132T-104E/MS  
MCP4132T-502E/MS  
MCP4132T-503E/MS  
MCP4141-103E/MS  
MCP4141-104E/MS  
MCP4141-502E/MS  
MCP4141-503E/MS  
MCP4141T-103E/MS  
MCP4141T-104E/MS  
MCP4141T-502E/MS  
MCP4141T-503E/MS  
MCP4142-103E/MS  
MCP4142-104E/MS  
MCP4142-502E/MS  
MCP4142-503E/MS  
MCP4142T-103E/MS  
MCP4142T-104E/MS  
MCP4142T-502E/MS  
MCP4142T-503E/MS  
MCP4151-103E/MS  
MCP4151-104E/MS  
MCP4151-502E/MS  
MCP4151-503E/MS  
MCP4151T-103E/MS  
MCP4151T-104E/MS  
MCP4151T-502E/MS  
MCP4151T-503E/MS  
MCP4152-103E/MS  
MCP4152-104E/MS  
MCP4152-502E/MS  
MCP4152-503E/MS

MCP4152T-103E/MS  
MCP4152T-104E/MS  
MCP4152T-502E/MS  
MCP4152T-503E/MS  
MCP4161-103E/MS  
MCP4161-104E/MS  
MCP4161-502E/MS  
MCP4161-503E/MS  
MCP4161T-103E/MS  
MCP4161T-104E/MS  
MCP4161T-502E/MS  
MCP4161T-503E/MS  
MCP4162-103E/MS  
MCP4162-104E/MS  
MCP4162-502E/MS  
MCP4162-503E/MS  
MCP4162T-103E/MS  
MCP4162T-104E/MS  
MCP4162T-502E/MS  
MCP4162T-503E/MS  
MCP4531-103E/MS  
MCP4531-104E/MS  
MCP4531-502E/MS  
MCP4531-503E/MS  
MCP4531T-103E/MS  
MCP4531T-104E/MS  
MCP4531T-502E/MS  
MCP4531T-503E/MS  
MCP4532-103E/MS  
MCP4532-104E/MS  
MCP4532-502E/MS  
MCP4532-503E/MS  
MCP4532T-103E/MS  
MCP4532T-104E/MS  
MCP4532T-502E/MS  
MCP4532T-503E/MS  
MCP4541-103E/MS  
MCP4541-104E/MS  
MCP4541-502E/MS  
MCP4541-503E/MS  
MCP4541T-103E/MS  
MCP4541T-104E/MS  
MCP4541T-502E/MS  
MCP4541T-503E/MS  
MCP4542-103E/MS  
MCP4542-104E/MS  
MCP4542-502E/MS  
MCP4542-503E/MS  
MCP4542T-103E/MS

MCP4542T-104E/MS  
MCP4542T-502E/MS  
MCP4542T-503E/MS  
MCP4551-103E/MS  
MCP4551-104E/MS  
MCP4551-502E/MS  
MCP4551-503E/MS  
MCP4551T-103E/MS  
MCP4551T-104E/MS  
93C56CT-I/MS  
93C66A-E/MS  
93C66A-I/MS  
93C66AT-E/MS  
93C66AT-I/MS  
93C66B-E/MS  
93C66B-I/MS  
93C66BT-E/MS  
93C66BT-I/MS  
93C66C-E/MS  
93C66C-I/MS  
93C66CT-E/MS  
93C66CT-I/MS  
93C76A-E/MS  
93C76A-I/MS  
93C76AT-E/MS  
93C76AT-I/MS  
93C76B-E/MS  
93C76B-I/MS  
93C76BT-E/MS  
93C76BT-I/MS  
93C76C-E/MS  
93C76C-I/MS  
93C76CT-E/MS  
93C76CT-I/MS  
93C86A-E/MS  
93C86A-I/MS  
93C86AT-E/MS  
93C86AT-I/MS  
93C86B-E/MS  
93C86B-I/MS  
93C86BT-E/MS  
93C86BT-I/MS  
93C86C-E/MS  
93C86C-I/MS  
93C86CT-E/MS  
93C86CT-I/MS  
93LC46A-E/MS  
93LC46A-I/MS  
93LC46AT-E/MS

93LC46AT-I/MS  
93LC46B-E/MS  
93LC46B-I/MS  
93LC46BT-E/MS  
93LC46BT-I/MS  
93LC46C-E/MS  
93LC46C-I/MS  
93LC46CT-E/MS  
93LC46CT-I/MS  
93LC56A-E/MS  
93LC56A-I/MS  
93LC56AT-E/MS  
93LC56AT-I/MS  
93LC56B-E/MS  
93LC56B-I/MS  
93LC56BT-E/MS  
93LC56BT-I/MS  
93LC56C-E/MS  
93LC56C-I/MS  
93LC56CT-E/MS  
93LC56CT-I/MS  
93LC66A-E/MS  
93LC66A-I/MS  
93LC66AT-E/MS  
93LC66AT-I/MS  
93LC66B-E/MS  
93LC66B-I/MS  
93LC66BT-E/MS  
93LC66BT-I/MS  
93LC66C-E/MS  
93LC66C-I/MS  
93LC66CT-E/MS  
93LC66CT-I/MS  
93LC76A-E/MS  
93LC76A-I/MS  
93LC76AT-E/MS  
93LC76AT-I/MS  
93LC76B-E/MS  
93LC76B-I/MS  
93LC76BT-E/MS  
93LC76BT-I/MS  
93LC76C-E/MS