

## Product Change Notification - GBNG-13RAGN805

**Date:** 14 Nov 2017

**Product Category:** Memory; Power Management - System Supervisors/Voltage Detectors; Linear Regulators; Linear Op Amps; Battery Management and Fuel Gauges - Battery Chargers; Temperature Sensors

**Notification subject:** CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

**Notification text:** **PCN Status:**  
Final notification

**PCN Type:**  
Manufacturing Change

**Microchip Parts Affected:**  
Please open the attachments found in the attachments field below labeled as PCN\_#\_Affected\_CPN.

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 available in 5L SOT-23 package using 8390A die attach material.

**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		
<b>Assembly Site</b>	Microchip Technology Thailand (HQ) / MTAI		Microchip Technology Thailand (HQ) / MTAI		Microchip Technology Thailand (Branch) / MMT
<b>Wire material</b>	Au		Au		Au
<b>Die attach material</b>	8390A		8390A		8390A
<b>Molding compound material</b>	G600	MP8000	G600	MP8000	G600
<b>Lead frame material</b>	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:**

December 14, 2017 (1750)

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

**Time Table Summary:**

	July 2017				-->	November 2017					December 2017				
	27	28	29	30		44	45	46	47	48	49	50	51	52	01
Workweek															
Initial PCN Issue Date			X												
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:**

**July 21, 2017:** Issued initial notification.

**November 14, 2017:** Issued final notification. Attached the Qualification Report. Revised the affected parts list. Provided estimated first ship date on December 14, 2017.

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-13RAGN805\\_Affected CPN.pdf](#)
- [PCN\\_GBNG-13RAGN805\\_Qual Report.pdf](#)
- [PCN\\_GBNG-13RAGN805\\_Affected CPN.xlsx](#)

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

**Terms and Conditions:**

If you wish to change your product/process change notification (PCN) profile please log on to our website at <http://www.microchip.com/PCN> sign into myMICROCHIP to open the myMICROCHIP home page, then select a profile option from the left navigation bar.

To opt out of future offer or information emails (other than product change notification emails), click here to go to [microchipDIRECT](#) and login, then click on the "My account" link, click on "Update profile" and un-check the box that states "Future offers or information about Microchip's products or services."

GBNG-13RAGN805 - CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

Affected Catalog Part Numbers (CPN)

<b>PCN_GBNG-13RAGN805</b>
<b>CATALOG_PART_NBR</b>
24AA00T/OT
24AA00T-I/OT
24AA01HT-I/OT
24AA01T-I/OT
24AA01T-I/OT101
24AA01T-I/OTB21
24AA01T-I/OTB31
24AA01T-I/OTB32
24AA01T-I/OTB33
24AA02E48T-E/OT
24AA02E48T-I/OT
24AA02E64T-E/OT
24AA02E64T-I/OT
24AA02HT-I/OT
24AA02T-I/OT
24AA02T-I/OT103
24AA02UIDT-I/OT
24AA04HT-I/OT
24AA04T-I/OT
24AA04T-I/OT103
24AA04T-I/OTB22
24AA04T-I/OTB26
24AA04T-I/OTB27
24AA08HT-I/OT
24AA08T-I/OT
24AA08T-I/OTB22
24AA08T-I/OTB24
24AA16HT-I/OT
24AA16T-E/OT
24AA16T-I/OT
24AA16T-I/OT117
24AA16T-I/OT118
24AA32AFT-I/OT
24AA32AT-I/OT
24AA64FT-I/OT
24AA64T-E/OT
24AA64T-I/OT
24C00T/OT
24C00T-E/OT
24C00T-I/OT
24FC64FT-I/OT
24FC64T-I/OT
24LC00T/OT

GBNG-13RAGN805 - CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

Affected Catalog Part Numbers (CPN)

24LC00T-I/OT
24LC01BHT-E/OT
24LC01BHT-I/OT
24LC01BT/OT
24LC01BT-E/OT
24LC01BT-I/OT
24LC01BT-I/OT105
24LC01BT-I/OTA24
24LC01BT-I/OTA36
24LC01BT-I/OTRVE
24LC02BHT-E/OT
24LC02BHT-I/OT
24LC02BT-E/OT
24LC02BT-I/OT
24LC02BT-I/OTA31
24LC04BHT-E/OT
24LC04BHT-I/OT
24LC04BT-E/OT
24LC04BT-I/OT
24LC04BT-I/OTRVE
24LC08BHT-E/OT
24LC08BHT-I/OT
24LC08BT-E/OT
24LC08BT-I/OT
24LC08BT-I/OTRVE
24LC16BHT-E/OT
24LC16BHT-I/OT
24LC16BT-E/OT
24LC16BT-I/OT
24LC16BT-I/OTGYR
24LC16BT-M/OT
24LC32AFT-E/OT
24LC32AFT-I/OT
24LC32AT-E/OT
24LC32AT-I/OT
24LC64FT-E/OT
24LC64FT-I/OT
24LC64T-E/OT
24LC64T-I/OT
MCP1316MT-20LI/OT
MCP1316MT-20RI/OT
MCP1316MT-23LI/OT
MCP1316MT-26CE/OT
MCP1316MT-29KE/OT
MCP1316MT-29LE/OT

GBNG-13RAGN805 - CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

Affected Catalog Part Numbers (CPN)

MCP1316MT-29ME/OT
MCP1316MT-30HE/OT
MCP1316MT-31LE/OT
MCP1316MT-33LE/OT
MCP1316MT-45GE/OT
MCP1316MT-46FE/OT
MCP1316MT-46GE/OT
MCP1316MT-46LE/OT
MCP1316T-20LI/OT
MCP1316T-23LI/OT
MCP1316T-24MI/OT
MCP1316T-25LE/OT
MCP1316T-26JE/OT
MCP1316T-26LE/OT
MCP1316T-27LE/OT
MCP1316T-29AE/OT
MCP1316T-29EE/OT
MCP1316T-29LE/OT
MCP1316T-29NE/OT
MCP1316T-30CE/OT
MCP1316T-30FE/OT
MCP1316T-31LE/OT
MCP1316T-32LE/OT
MCP1316T-44JE/OT
MCP1316T-44LE/OT
MCP1316T-44NE/OT
MCP1316T-46BE/OT
MCP1316T-46CE/OT
MCP1316T-46FE/OT
MCP1316T-46KE/OT
MCP1316T-46LE/OT
MCP1316T-47FE/OT
MCP1317T-25LE/OT
MCP1317T-29LE/OT
MCP1317T-31AE/OT
MCP1317T-31LE/OT
MCP1317T-46LE/OT
MCP1318MT-29BE/OT
MCP1318MT-29LE/OT
MCP1318MT-46BE/OT
MCP1318MT-46LE/OT
MCP1318T-29EE/OT
MCP1318T-29HE/OT
MCP1318T-29LE/OT
MCP1318T-29LE/OTV09

GBNG-13RAGN805 - CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

Affected Catalog Part Numbers (CPN)

MCP1318T-45LE/OT
MCP1318T-46LE/OT
MCP1318T-46ME/OT
MCP1319MT-24QI/OT
MCP1319MT-26EE/OT
MCP1319MT-28LE/OT
MCP1319MT-29LE/OT
MCP1319MT-30GE/OT
MCP1319MT-33AE/OT
MCP1319MT-46LE/OT
MCP1319MT-47QE/OT
MCP1319T-28LE/OT
MCP1319T-29CE/OT
MCP1319T-29LE/OT
MCP1319T-44LE/OT
MCP1319T-46LE/OT
MCP1319T-47QE/OT
MCP1320T-19HI/OT
MCP1320T-25LE/OT
MCP1320T-27ME/OT
MCP1320T-29BE/OT
MCP1320T-29FE/OT
MCP1320T-29GE/OT
MCP1320T-29LE/OT
MCP1320T-29ME/OT
MCP1320T-29RE/OT
MCP1320T-30BE/OT
MCP1320T-30FE/OT
MCP1320T-30LE/OT
MCP1320T-31KE/OT
MCP1320T-31LE/OT
MCP1320T-41LE/OT
MCP1320T-42EE/OT
MCP1320T-42JE/OT
MCP1320T-46BE/OT
MCP1320T-46FE/OT
MCP1320T-46GE/OT
MCP1320T-46KE/OT
MCP1320T-46LE/OT
MCP1321T-20LI/OT
MCP1321T-20LI/OT713
MCP1321T-20QI/OT
MCP1321T-26GE/OT
MCP1321T-29AE/OT
MCP1321T-29CE/OT

GBNG-13RAGN805 - CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

Affected Catalog Part Numbers (CPN)

MCP1321T-29DE/OT
MCP1321T-29FE/OT
MCP1321T-29KE/OT
MCP1321T-29LE/OT
MCP1321T-29ME/OT
MCP1321T-30LE/OT
MCP1321T-31LE/OT
MCP1321T-43BE/OT
MCP1321T-46CE/OT
MCP1321T-46LE/OT
MCP1322T-27LE/OT
MCP1322T-29CE/OT
MCP1322T-29LE/OT
MCP1322T-31GE/OT
MCP1322T-31LE/OT
MCP1322T-32AE/OT
MCP1322T-44LE/OT
MCP1322T-46EE/OT
MCP1322T-46LE/OT
MCP1661T-E/OT
MCP1662T-E/OT
MCP1663T-E/OT
MCP1664T-E/OT
MCP1824T-ADJE/OT
MCP1824T-ADJE/OTAAA
MCP601T-E/OT
MCP601T-I/OT
MCP601T-I/OTAPL
MCP6041T-E/OT
MCP6041T-I/OT
MCP6041T-I/OTBAA
MCP6271T-E/OT
MCP6281T-E/OT
MCP6291T-E/OT
MCP6401UT-E/OT
MCP6566UT-E/OT
MCP6L1T-E/OT
MCP6L71T-E/OT
MCP6L91T-E/OT
MCP73832T-2ACI/OT
MCP73832T-2ACI/OTAAA
MCP73832T-2ATI/OT
MCP73832T-2DCI/OT
MCP73832T-2DFI/OT
MCP73832T-3ACI/OT



GBNG-13RAGN805 - CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

Affected Catalog Part Numbers (CPN)

MCP73832T-4ADI/OT
MCP73832T-5ACI/OT
TC1014-1.8VCT713
TC1014-2.5VCT713
TC1014-2.6VCT713
TC1014-2.7VCT713
TC1014-2.85VCT713
TC1014-2.8VCT713
TC1014-3.0VCT713
TC1014-3.1VCT713
TC1014-3.3VCT713
TC1014-3.6VCT713
TC1014-4.0VCT713
TC1014-5.0VCT713
TC1015-1.8VCT713
TC1015-2.5VCT713
TC1015-2.6VCT713
TC1015-2.6VCT713BAE
TC1015-2.7VCT713
TC1015-2.85VCT713
TC1015-2.85VCT713BAF
TC1015-2.8VCT713
TC1015-2.8VCT713BAB
TC1015-3.0VCT713
TC1015-3.3VCT713
TC1015-3.3VCT713BAC
TC1015-3.6VCT713
TC1015-4.0VCT713
TC1015-5.0VCT713
TC1070VCT713
TC1070VCT713AA
TC1071VCT713
TC1185-1.8VCT713
TC1185-2.0VCT713
TC1185-2.5VCT713
TC1185-2.6VCT713
TC1185-2.7VCT713
TC1185-2.85VCT713
TC1185-2.8VCT713
TC1185-2.95VCT713
TC1185-3.0VCT713
TC1185-3.3VCT713
TC1185-3.6VCT713
TC1185-4.0VCT713
TC1185-4.15VCT713

GBNG-13RAGN805 - CCB 3005 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L SOT-23 package.

Affected Catalog Part Numbers (CPN)

TC1185-5.0VCT713
TC1187VCT713
TC1187VCT713AAA
TC1187VCTMR
TC1189QECTTR
TC1189RECTTR
TC1189SECTTR
TC1189TECTTR
TC1189TECTTRBAA
TC77-3.3MCTTR
TC77-5.0MCTTR
TCM829ECT713
TCM829ECT723
TCM829ECTMR