

Product Change Notification - GBNG-12CPPC550

Date: 23 Nov 2017

Product Category: Memory; 8-bit PIC Microcontrollers; General Purpose LED Drivers; Power Management - System Supervisors/Voltage Detectors; Power MOSFET Drivers; Linear Regulators; Successive Approximation Register (SAR) A/D Converters; Digital Potentiometers; Linear Op Amps; Linear Comparators; Linear Selectable Gain Amplifiers; Battery Management and Fuel Gauges - Battery Chargers; Temperature Sensors; Capacitive Touch Sensors

Notification subject: CCB 3006 and 3006.001 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L and 6L SOT-23 package using 8900NC die attach material.

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 and 6L SOT-23 package using 8900NC 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 | |
|----------------------------------|---|--|---|
| Assembly Site | Microchip Technology Thailand (HQ) / MTAI | Microchip Technology Thailand (HQ) / MTAI | Microchip Technology Thailand (Branch) / MMT |
| Wire material | Au | Au | Au |
| Die attach material | 8900NC | 8900NC | 8900NC |
| 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:
December 23, 2017 (datecode: 1751)

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

Time Table Summary:

| Workweek | July 2017 | | | | --> | November 2017 | | | | | December 2017 | | | |
|-------------------------------|-----------|----|----|----|-----|---------------|----|----|----|----|---------------|----|----|----|
| | 27 | 28 | 29 | 30 | | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |
| 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 17, 2017: Issued initial notification.
July 21, 2017: Re-issued the initial notification to notify all affected customers.
November 23, 2017: Issued final notification. Attached the qualification report. Provided estimated first ship date to be on December 22, 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-12CPPC550_Affected CPN.pdf](#)
[PCN_GBNG-12CPPC550_Qual Report.pdf](#)
[PCN_GBNG-12CPPC550_Affected CPN.xls](#)

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

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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."



MICROCHIP

QUALIFICATION REPORT SUMMARY

RELIABILITY LABORATORY

PCN #: GBNG-12CPPC550

Date
November 01, 2017

Qualification of MMT as an additional assembly site for selected products available in 5L and 6L SOT-23 package using 8900NC die attach material. The 5L SOT-23 package will qualify by similarity.



MICROCHIP

PACKAGE QUALIFICATION REPORT

Purpose: Qualification of MMT as an additional assembly site for selected products available in 5L and 6L SOT-23 package using 8900NC die attach material. The 5L SOT-23 package will qualify by similarity.

CCB No: 3006 and 3006.001

CN ES117910
QUAL ID Q17156
MP CODE DEBU8YC8XA00
Part No. 25LC040AT-E/OT
Bonding No. BDM-001366 Rev. B

Package

Type 6L SOT-23
Die thickness 8 mils
Die size 54.50 x 29.80 mils

Lead Frame

Paddle size 72 x 41 mils
Material CDA194
Surface Ag spot
Process Stamp
Part Number 10100602
Treatment None

Material

Epoxy 8900NC
Wire Au wire
Mold Compound G600V
Plating Composition Matte Tin



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PACKAGE QUALIFICATION REPORT

Manufacturing Information

| Assembly Lot No. | Wafer Lot No. | Date Code |
|-------------------------|----------------------|------------------|
| MMT-182101056.000 | TMPE 217529675.320 | 173396D |
| MMT-182201026.000 | TMPE 217529675.320 | 1734B9B |
| MMT-182201027.000 | TMPE 217529675.320 | 1734B9C |

Result Pass Fail _____

6L SOT-23 assembled by MMT (ALPH) pass reliability test per QCI-39000.
This package was qualified the Moisture/Reflow Sensitivity Classification Level 1 at 260°C reflow temperature per IPC/JEDEC J-STD-020D standard.

PACKAGE QUALIFICATION REPORT

| Test Number (Reference) | Test Condition | Standard/ Method | Qty. (Acc.) | Def/SS | Result | Remarks |
|---|---|----------------------|----------------|--------|--------|---------|
| Moisture/Reflow Sensitivity Classification Test (At MSL Level 1) | 85°C/ 85%RH Moisture Soak 168 hrs. System: TABAI ESPEC Model PR-3SPH 3x Convection-Reflow 265°C max System: Vitronics Soltec MR1243 (IPC/JEDEC J-STD-020D) | IPC/JEDEC J-STD-020D | 135 | 0/135 | Pass | |

| | | | | | | |
|--|--|-------------|--------|-------|------|--------------|
| Precondition Prior Perform Reliability Tests (At MSL Level 1) | Electrical Test :+25°C System: NEXTEST_PT | JESD22-A113 | 693(0) | 693 | Pass | Good Devices |
| | Bake 150°C, 24 hrs System: CHINEE | | | 693 | | |
| | 85°C/85%RH Moisture Soak 168 hrs. System: TABAI ESPEC Model PR-3SPH | | | 693 | | |
| | 3x Convection-Reflow 265°C max System: Vitronics Soltec MR1243 | | | 693 | | |
| | Electrical Test :+25°C System: NEXTEST_PT | | | 0/693 | | |

PACKAGE QUALIFICATION REPORT

| Test Number (Reference) | Test Condition | Standard/ Method | Qty. (Acc.) | Def/SS. | Result | Remarks |
|--------------------------------------|---|---------------------|----------------|---------|--------|---|
| Temp Cycle | Stress Condition: -65°C to +150°C, 500 Cycles System : TABAI ESPEC TSA-70H | JESD22- A104 | | 231 | | Parts had been pre-conditioned at 260°C 77 units / lot |
| | Electrical Test: + 25°C System: NEXTEST_PT | | 231(0) | 0/231 | Pass | |
| | Bond Strength: Wire Pull (> 2.5 grams) Bond Shear (>15.00 grams) | | 15 (0) | 0/15 | Pass | |
| UNBIASED-HAST | Stress Condition: +130°C/85%RH, 96 hrs. System: HAST 6000X | JESD22- A118 | | 231 | | Parts had been pre-conditioned at 260°C 77 units / lot |
| | Electrical Test: +25°C System: NEXTEST_PT | | 231(0) | 0/231 | Pass | |
| HAST | Stress Condition: +130°C/85%RH, 96 hrs. Bias Volt: 3.6 Volts System: HAST 6000X | JESD22- A110 | | 231 | | Parts had been pre-conditioned at 260°C 77 units / lot |
| | Electrical Test: +25°C System: NEXTEST_PT | | 231(0) | 0/231 | Pass | |
| High Temperature Storage Life | Stress Condition: Bake 175°C, 504 hrs System: SHEL LAB | JESD22- A103 | | 45 | | 45 units |
| | Electrical Test :+25°C System: NEXTEST_PT | | 45(0) | 0/45 | Pass | |

PACKAGE QUALIFICATION REPORT

| Test Number (Reference) | Test Condition | Standard/ Method | Qty. (Acc.) | Def/SS. | Result | Remarks |
|--|--|----------------------|-----------------|---------|--------|---------|
| Bond Line Thickness | Bond Line Thickness | SPI-45528 | 15(0) | 15(0) | Pass | |
| Wire sweep | Wire sweep Inspection 15 Wires / lot | - | 45(0) Wires | 0/45 | | |
| Physical Dimensions | Physical Dimension, 30 units from 1 lot | JESD22- B100/B108 | 30(0) Units | 0/30 | Pass | |
| Bond Strength Data Assembly | Wire Pull (> 2.5 grams) | M2011 | 30 (0) Wires | 0/30 | Pass | |
| | Bond Shear (>15.00 grams) | JESD22- B116 | 30 (0) bonds | 0/30 | Pass | |

GBNG-12CPPC550_CCB 3006 and 3006.001 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L and 6L SOT-23 package using 8900NC die attach material.

Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|--------------------|
| CATALOG_PART_NBR |
| 24AA014T-I/OT |
| 24AA025E48T-E/OT |
| 24AA025E48T-I/OT |
| 24AA025E64T-E/OT |
| 24AA025E64T-I/OT |
| 24AA025T-I/OT |
| 24AA025UIDT-I/OT |
| 24C01CT-E/OT |
| 24C01CT-I/OT |
| 24LC014T-E/OT |
| 24LC014T-I/OT |
| 24LC025T-E/OT |
| 24LC025T-I/OT |
| 24VL014T/OT |
| 24VL025T/OT |
| 25AA010AT-I/OT |
| 25AA020AT-I/OT |
| 25AA02E48T-I/OT |
| 25AA02E64T-I/OT |
| 25AA02UIDT-I/OT |
| 25AA040AT-I/OT |
| 25LC010AT-E/OT |
| 25LC010AT-I/OT |
| 25LC020AT-E/OT |
| 25LC020AT-I/OT |
| 25LC040AT-E/OT |
| 25LC040AT-I/OT |
| 34AA02T-E/OT |
| 34AA02T-I/OT |
| 34LC02T-E/OT |
| 34LC02T-I/OT |
| 34VL02T/OT |
| 93AA46AE48T-I/OT |
| 93AA46AT-I/OT |
| 93AA46BT-I/OT |
| 93AA56AT-I/OT |
| 93AA56BT-I/OT |
| 93AA66AT-I/OT |
| 93AA66BT-I/OT |
| 93AA76AT-I/OT |
| 93AA76BT-I/OT |
| 93AA86AT-I/OT |
| 93AA86BT-I/OT |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| 93C46AT-E/OT |
| 93C46AT-I/OT |
| 93C46BT-E/OT |
| 93C46BT-I/OT |
| 93C56AT-E/OT |
| 93C56AT-I/OT |
| 93C56BT-E/OT |
| 93C56BT-I/OT |
| 93C66AT-E/OT |
| 93C66AT-I/OT |
| 93C66BT-E/OT |
| 93C66BT-I/OT |
| 93C76AT-E/OT |
| 93C76AT-I/OT |
| 93C76BT-E/OT |
| 93C76BT-I/OT |
| 93C86AT-E/OT |
| 93C86AT-I/OT |
| 93C86BT-E/OT |
| 93C86BT-I/OT |
| 93LC46AT-E/OT |
| 93LC46AT-I/OT |
| 93LC46BT-E/OT |
| 93LC46BT-I/OT |
| 93LC56AT-E/OT |
| 93LC56AT-I/OT |
| 93LC56BT-E/OT |
| 93LC56BT-I/OT |
| 93LC66AT-E/OT |
| 93LC66AT-I/OT |
| 93LC66BT-E/OT |
| 93LC66BT-I/OT |
| 93LC76AT-E/OT |
| 93LC76AT-I/OT |
| 93LC76BT-E/OT |
| 93LC76BT-I/OT |
| 93LC86AT-E/OT |
| 93LC86AT-I/OT |
| 93LC86BT-E/OT |
| 93LC86BT-I/OT |
| HA1601T-I/OT |
| HV98100T-E/CH |
| HV98101T-E/CH |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| MCP1316MT-20LI/OT |
| MCP1316MT-20RI/OT |
| MCP1316MT-23LI/OT |
| MCP1316MT-26CE/OT |
| MCP1316MT-29KE/OT |
| MCP1316MT-29LE/OT |
| 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 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| MCP1318MT-29BE/OT |
| MCP1318MT-29LE/OT |
| MCP1318MT-46BE/OT |
| MCP1318MT-46LE/OT |
| MCP1318T-29EE/OT |
| MCP1318T-29HE/OT |
| MCP1318T-29LE/OT |
| MCP1318T-29LE/OTV09 |
| 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 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| 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 |
| 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 |
| MCP1401T-E/OT |
| MCP1402T-E/OT |
| MCP1415T-E/OT |
| MCP1416T-E/OT |
| MCP1754T-1802E/OT |
| MCP1754T-3002E/OT |
| MCP1754T-3302E/OT |
| MCP1754T-5002E/OT |
| MCP1824T-0802E/OT |
| MCP1824T-1202E/OT |
| MCP1824T-1802E/OT |
| MCP1824T-2502E/OT |
| MCP1824T-3002E/OT |
| MCP1824T-3302E/OT |

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| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| MCP1824T-5002E/OT |
| MCP1824T-ADJE/OT |
| MCP1824T-ADJE/OTAAA |
| MCP3021A0T-E/OT |
| MCP3021A1T-E/OT |
| MCP3021A2T-E/OT |
| MCP3021A3T-E/OT |
| MCP3021A4T-E/OT |
| MCP3021A5T-E/OT |
| MCP3021A5T-I/OT |
| MCP3021A6T-E/OT |
| MCP3021A7T-E/OT |
| MCP3221A0T-E/OT |
| MCP3221A1T-E/OT |
| MCP3221A2T-E/OT |
| MCP3221A3T-E/OT |
| MCP3221A4T-E/OT |
| MCP3221A5T-E/OT |
| MCP3221A5T-I/OT |
| MCP3221A6T-E/OT |
| MCP3221A7T-E/OT |
| MCP4014T-103E/OT |
| MCP4014T-202E/OT |
| MCP4014T-502E/OT |
| MCP4014T-503E/OT |
| MCP4024T-103E/OT |
| MCP4024T-202E/OT |
| MCP4024T-502E/OT |
| MCP4024T-503E/OT |
| MCP6001UT-E/OT |
| MCP6001UT-I/OT |
| MCP601T-E/OT |
| MCP601T-I/OT |
| MCP601T-I/OTAPL |
| MCP6021T-E/OT |
| MCP6021T-E/OTHAZ |
| MCP6041T-E/OT |
| MCP6041T-I/OT |
| MCP6041T-I/OTBAA |
| MCP606T-I/OT |
| MCP6141T-E/OT |
| MCP6231T-E/OT |
| MCP6231UT-E/OT |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| MCP6241T-E/OT |
| MCP6241UT-E/OT |
| MCP6271T-E/OT |
| MCP6281T-E/OT |
| MCP6286T-E/OT |
| MCP6291T-E/OT |
| MCP6291T-E/OTHAZ |
| MCP6401T-E/OT |
| MCP6401T-H/OT |
| MCP6401UT-E/OT |
| MCP6406T-H/OT |
| MCP6421T-E/OT |
| MCP6441T-E/OT |
| MCP6471T-E/OT |
| MCP6481T-E/OT |
| MCP6491T-E/OT |
| MCP6541UT-E/OT |
| MCP6546UT-E/OT |
| MCP6561T-E/OT |
| MCP6561UT-E/OT |
| MCP6566T-E/OT |
| MCP6G01T-E/OT |
| MCP6G01UT-E/OT |
| MCP6H01T-E/OT |
| MCP6L01UT-E/OT |
| MCP6L1T-E/OT |
| MCP6L71T-E/OT |
| MCP6L91T-E/OT |
| MCP6V11T-E/OT |
| MCP6V11UT-E/OT |
| MCP6V31T-E/OT |
| MCP6V31UT-E/OT |
| MCP6V61T-E/OT |
| MCP6V61UT-E/OT |
| MCP6V71T-E/OT |
| MCP6V71UT-E/OT |
| MCP6V81T-E/OT |
| MCP6V81UT-E/OT |
| MCP6V91T-E/OT |
| MCP6V91UT-E/OT |
| MCP73811T-420I/OT |
| MCP73811T-435I/OT |
| MCP73811T-440I/OT |

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| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| MCP73811T-450I/OT |
| MCP73812T-420I/OT |
| MCP73812T-435I/OT |
| MCP73812T-440I/OT |
| MCP73812T-450I/OT |
| MCP73826-4.1VCHTR |
| MCP73826-4.2VCHTR |
| MCP73831T-2ACI/OT |
| MCP73831T-2ACI/OTAAA |
| MCP73831T-2ADI/OT |
| MCP73831T-2ATI/OT |
| MCP73831T-2DCI/OT |
| MCP73831T-3ACI/OT |
| MCP73831T-4ADI/OT |
| MCP73831T-5ACI/OT |
| MCP73832T-2ACI/OT |
| MCP73832T-2ACI/OTAAA |
| MCP73832T-2ATI/OT |
| MCP73832T-2DCI/OT |
| MCP73832T-2DFI/OT |
| MCP73832T-3ACI/OT |
| MCP73832T-4ADI/OT |
| MCP73832T-5ACI/OT |
| MCP9501PT-005E/OT |
| MCP9501PT-015E/OT |
| MCP9501PT-025E/OT |
| MCP9501PT-035E/OT |
| MCP9501PT-045E/OT |
| MCP9501PT-055E/OT |
| MCP9501PT-065E/OT |
| MCP9501PT-075E/OT |
| MCP9501PT-085E/OT |
| MCP9501PT-095E/OT |
| MCP9501PT-105E/OT |
| MCP9501PT-105E/OTRT |
| MCP9501PT-115E/OT |
| MCP9501PT-115E/OTRT |
| MCP9501PT-125E/OT |
| MCP9501PT-125E/OTRT |
| MCP9501PT-135E/OT |
| MCP9501PT-145E/OT |
| MCP9502PT-005E/OT |
| MCP9502PT-015E/OT |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| MCP9502PT-025E/OT |
| MCP9502PT-035E/OT |
| MCP9502PT-045E/OT |
| MCP9502PT-055E/OT |
| MCP9502PT-065E/OT |
| MCP9502PT-075E/OT |
| MCP9502PT-085E/OT |
| MCP9502PT-095E/OT |
| MCP9502PT-095E/OTA20 |
| MCP9502PT-105E/OT |
| MCP9502PT-115E/OT |
| MCP9502PT-125E/OT |
| MCP9502PT-135E/OT |
| MCP9502PT-145E/OT |
| MCP9503NT-005E/OT |
| MCP9503NT-015E/OT |
| MCP9503NT-025E/OT |
| MCP9503NT-035E/OT |
| MCP9503NT-045E/OT |
| MCP9503NT-055E/OT |
| MCP9503PT-005E/OT |
| MCP9503PT-015E/OT |
| MCP9503PT-025E/OT |
| MCP9504NT-005E/OT |
| MCP9504NT-015E/OT |
| MCP9504NT-025E/OT |
| MCP9504NT-035E/OT |
| MCP9504NT-045E/OT |
| MCP9504NT-055E/OT |
| MCP9504PT-005E/OT |
| MCP9504PT-015E/OT |
| MCP9504PT-025E/OT |
| MCP9509CT-E/OT |
| MCP9509HST-E/OT |
| MCP9509HT-E/OT |
| MCP9509HT-E/OTBAB |
| MCP9800A0T-M/OT |
| MCP9800A0T-M/OTRC2 |
| MCP9800A1T-M/OT |
| MCP9800A1T-M/OTRC2 |
| MCP9800A2T-M/OT |
| MCP9800A2T-M/OTRC2 |
| MCP9800A3T-M/OT |

GBNG-12CPPC550_CCB 3006 and 3006.001 Final Notice: Qualification of MMT as an additional assembly site for selected products available in 5L and 6L SOT-23 package using 8900NC die attach material.

Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|--------------------|
| CATALOG_PART_NBR |
| MCP9800A3T-M/OTRC2 |
| MCP9800A4T-M/OT |
| MCP9800A4T-M/OTRC2 |
| MCP9800A5T-M/OT |
| MCP9800A5T-M/OTRC2 |
| MCP9800A6T-M/OT |
| MCP9800A6T-M/OTRC2 |
| MCP9800A7T-M/OT |
| MCP9800A7T-M/OTRC2 |
| MCP9802A0T-M/OT |
| MCP9802A0T-M/OTRC2 |
| MCP9802A1T-M/OT |
| MCP9802A1T-M/OTRC2 |
| MCP9802A2T-M/OT |
| MCP9802A2T-M/OTRC2 |
| MCP9802A3T-M/OT |
| MCP9802A3T-M/OTRC2 |
| MCP9802A4T-M/OT |
| MCP9802A4T-M/OTRC2 |
| MCP9802A5T-M/OT |
| MCP9802A5T-M/OTRC2 |
| MCP9802A6T-M/OT |
| MCP9802A6T-M/OTRC2 |
| MCP9802A7T-M/OT |
| MCP9802A7T-M/OTRC2 |
| MTCH101-I/OT |
| MTCH101T-I/OT |
| PIC10F200-E/OT |
| PIC10F200-I/OT |
| PIC10F200-I/OT204 |
| PIC10F200T-E/OT |
| PIC10F200T-E/OT030 |
| PIC10F200T-E/OT124 |
| PIC10F200T-E/OT147 |
| PIC10F200T-E/OT159 |
| PIC10F200T-E/OT186 |
| PIC10F200T-E/OT191 |
| PIC10F200T-E/OT198 |
| PIC10F200T-I/OT |
| PIC10F200T-I/OT051 |
| PIC10F200T-I/OT071 |
| PIC10F200T-I/OT077 |
| PIC10F200T-I/OT102 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| PIC10F200T-I/OT107 |
| PIC10F200T-I/OT108 |
| PIC10F200T-I/OT119 |
| PIC10F200T-I/OT125 |
| PIC10F200T-I/OT127 |
| PIC10F200T-I/OT128 |
| PIC10F200T-I/OT130 |
| PIC10F200T-I/OT131 |
| PIC10F200T-I/OT134 |
| PIC10F200T-I/OT140 |
| PIC10F200T-I/OT151 |
| PIC10F200T-I/OT153 |
| PIC10F200T-I/OT157 |
| PIC10F200T-I/OT158 |
| PIC10F200T-I/OT160 |
| PIC10F200T-I/OT161 |
| PIC10F200T-I/OT163 |
| PIC10F200T-I/OT168 |
| PIC10F200T-I/OT169 |
| PIC10F200T-I/OT170 |
| PIC10F200T-I/OT177 |
| PIC10F200T-I/OT180 |
| PIC10F200T-I/OT182 |
| PIC10F200T-I/OT183 |
| PIC10F200T-I/OT185 |
| PIC10F200T-I/OT190 |
| PIC10F200T-I/OT192 |
| PIC10F200T-I/OT194 |
| PIC10F200T-I/OT195 |
| PIC10F200T-I/OT196 |
| PIC10F200T-I/OT197 |
| PIC10F200T-I/OT199 |
| PIC10F200T-I/OT200 |
| PIC10F200T-I/OT202 |
| PIC10F200T-I/OT204 |
| PIC10F200T-I/OT205 |
| PIC10F200T-I/OT208 |
| PIC10F200T-I/OT209 |
| PIC10F200T-I/OT211 |
| PIC10F200T-I/OT212 |
| PIC10F202-E/OT |
| PIC10F202-I/OT |
| PIC10F202T-E/OT |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| PIC10F202T-E/OT081 |
| PIC10F202T-E/OT096 |
| PIC10F202T-E/OT109 |
| PIC10F202T-I/OT |
| PIC10F202T-I/OT065 |
| PIC10F202T-I/OT084 |
| PIC10F202T-I/OT085 |
| PIC10F202T-I/OT088 |
| PIC10F202T-I/OT090 |
| PIC10F202T-I/OT105 |
| PIC10F202T-I/OT106 |
| PIC10F202T-I/OT108 |
| PIC10F204-E/OT |
| PIC10F204-I/OT |
| PIC10F204T-E/OT |
| PIC10F204T-E/OT028 |
| PIC10F204T-E/OT038 |
| PIC10F204T-E/OT050 |
| PIC10F204T-I/OT |
| PIC10F204T-I/OT020 |
| PIC10F204T-I/OT033 |
| PIC10F204T-I/OT043 |
| PIC10F204T-I/OT051 |
| PIC10F206-E/OT |
| PIC10F206-I/OT |
| PIC10F206T-E/OT |
| PIC10F206T-I/OT |
| PIC10F206T-I/OT030 |
| PIC10F206T-I/OT031 |
| PIC10F206T-I/OT032 |
| PIC10F206T-I/OT041 |
| PIC10F206T-I/OT043 |
| PIC10F206T-I/OT044 |
| PIC10F220-E/OT |
| PIC10F220-I/OT |
| PIC10F220T-E/OT |
| PIC10F220T-E/OT030 |
| PIC10F220T-I/OT |
| PIC10F220T-I/OT027 |
| PIC10F220T-I/OT028 |
| PIC10F220T-I/OT035 |
| PIC10F220T-I/OT037 |
| PIC10F220T-I/OT040 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| PIC10F222-E/OT |
| PIC10F222-I/OT |
| PIC10F222T-E/OT |
| PIC10F222T-E/OT023 |
| PIC10F222T-I/OT |
| PIC10F222T-I/OT020 |
| PIC10F222T-I/OT032 |
| PIC10F222T-I/OT033 |
| PIC10F222T-I/OT038 |
| PIC10F222T-I/OT039 |
| PIC10F222T-I/OT044 |
| PIC10F222T-I/OT045 |
| PIC10F222T-I/OT047 |
| PIC10F222T-I/OT048 |
| PIC10F222T-I/OT052 |
| PIC10F222T-I/OT053 |
| PIC10F222T-I/OT055 |
| PIC10F222T-I/OT056 |
| 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 |
| TC1015-2.85VCT723 |
| TC1015-2.8VCT713 |
| TC1015-2.8VCT713BAB |
| TC1015-2.8VCT723 |
| TC1015-3.0VCT713 |
| TC1015-3.0VCT723 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| TC1015-3.0VCTMR |
| TC1015-3.1VCT713 |
| TC1015-3.2VCT713 |
| TC1015-3.3VCT713 |
| TC1015-3.3VCT713BAC |
| TC1015-3.3VCT723 |
| TC1015-3.3VCTMR |
| TC1015-3.6VCT713 |
| TC1015-3.6VCT723 |
| TC1015-3.6VCTMR |
| TC1015-3.8VCT713 |
| TC1015-4.0VCT713 |
| TC1015-4.0VCT723 |
| TC1015-4.0VCTMR |
| TC1015-5.0VCT713 |
| TC1015-5.0VCTMR |
| TC1016-1.85VCTTR |
| TC1016-1.8VCTTR |
| TC1016-2.6VCTTR |
| TC1016-2.7VCTTR |
| TC1016-2.85VCTTR |
| TC1016-2.8VCTTR |
| TC1016-2.9VCTTR |
| TC1016-3.0VCTTR |
| TC1016-3.3VCTTR |
| TC1016-4.0VCTTR |
| TC1017-1.85VCTTR |
| TC1017-1.8VCTTR |
| TC1017-1.9VCTTR |
| TC1017-2.0VCTTR |
| TC1017-2.5VCTTR |
| TC1017-2.6VCTTR |
| TC1017-2.7VCTTR |
| TC1017-2.85VCTTR |
| TC1017-2.8VCTTR |
| TC1017-2.9VCTTR |
| TC1017-3.0VCTTR |
| TC1017-3.3VCTTR |
| TC1017-4.0VCTTR |
| TC1054-1.8VCT713 |
| TC1054-2.5VCT713 |
| TC1054-2.6VCT713 |
| TC1054-2.7VCT713 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| TC1054-2.85VCT713 |
| TC1054-2.8VCT713 |
| TC1054-3.0VCT713 |
| TC1054-3.3VCT713 |
| TC1054-3.6VCT713 |
| TC1054-4.0VCT713 |
| TC1054-4.2VCT713 |
| TC1054-5.0VCT713 |
| TC1055-1.8VCT713 |
| TC1055-2.5VCT713 |
| TC1055-2.6VCT713 |
| TC1055-2.7VCT713 |
| TC1055-2.85VCT713 |
| TC1055-2.8VCT713 |
| TC1055-3.0VCT713 |
| TC1055-3.3VCT713 |
| TC1055-3.6VCT713 |
| TC1055-4.0VCT713 |
| TC1055-5.0VCT713 |
| TC1070VCT713 |
| TC1070VCT713AA |
| TC1071VCT713 |
| TC1072-1.8VCH713 |
| TC1072-2.5VCH713 |
| TC1072-2.6VCH713 |
| TC1072-2.7VCH713 |
| TC1072-2.85VCH713 |
| TC1072-2.8VCH713 |
| TC1072-3.0VCH713 |
| TC1072-3.3VCH713 |
| TC1072-3.6VCH713 |
| TC1072-4.0VCH713 |
| TC1072-5.0VCH713 |
| TC1073-1.8VCH713 |
| TC1073-2.5VCH713 |
| TC1073-2.6VCH713 |
| TC1073-2.7VCH713 |
| TC1073-2.85VCH713 |
| TC1073-2.8VCH713 |
| TC1073-3.0VCH713 |
| TC1073-3.3VCH713 |
| TC1073-3.6VCH713 |
| TC1073-4.0VCH713 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| TC1073-5.0VCH713 |
| TC1185-1.8VCT713 |
| TC1185-2.0VCT713 |
| TC1185-2.5VCT713 |
| TC1185-2.6VCT713 |
| TC1185-2.7VCT713 |
| TC1185-2.85VCT713 |
| TC1185-2.85VCTMR |
| TC1185-2.8VCT713 |
| TC1185-2.8VCT723 |
| TC1185-2.8VCTMR |
| TC1185-2.95VCT713 |
| TC1185-3.0VCT713 |
| TC1185-3.0VCT723 |
| TC1185-3.0VCTMR |
| TC1185-3.2VCT713 |
| TC1185-3.3VCT713 |
| TC1185-3.3VCT723 |
| TC1185-3.6VCT713 |
| TC1185-4.0VCT713 |
| TC1185-4.15VCT713 |
| TC1185-5.0VCT713 |
| TC1186-1.8VCT713 |
| TC1186-2.5VCT713 |
| TC1186-2.5VCT723 |
| TC1186-2.5VCTMR |
| TC1186-2.6VCT713 |
| TC1186-2.7VCT713 |
| TC1186-2.7VCT723 |
| TC1186-2.7VCTMR |
| TC1186-2.85VCT713 |
| TC1186-2.85VCT723 |
| TC1186-2.85VCTMR |
| TC1186-2.8VCT713 |
| TC1186-2.8VCTMR |
| TC1186-2.8VCTTR |
| TC1186-3.0VCT713 |
| TC1186-3.0VCT723 |
| TC1186-3.0VCTMR |
| TC1186-3.3VCT713 |
| TC1186-3.6VCT713 |
| TC1186-4.0VCT713 |
| TC1186-5.0VCT713 |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|--------------------|
| CATALOG_PART_NBR |
| TC1187VCT713 |
| TC1187VCT713AAA |
| TC1187VCTMR |
| TC1188QECTTR |
| TC1188RECTTR |
| TC1188SECTTR |
| TC1188TECTTR |
| TC1189QECTTR |
| TC1189RECTTR |
| TC1189SECTTR |
| TC1189TECTTR |
| TC1189TECTTRBAA |
| TC1223-1.8VCTTR |
| TC1223-2.5VCTTR |
| TC1223-2.6VCTTR |
| TC1223-2.7VCTTR |
| TC1223-2.85VCTTR |
| TC1223-2.8VCTTR |
| TC1223-3.0VCTTR |
| TC1223-3.3VCTTR |
| TC1223-3.6VCTTR |
| TC1223-4.0VCTTR |
| TC1223-4.2VCTTR |
| TC1223-5.0VCTTR |
| TC1224-1.8VCTTR |
| TC1224-2.5VCTTR |
| TC1224-2.6VCTTR |
| TC1224-2.7VCTTR |
| TC1224-2.85VCTTR |
| TC1224-2.8VCTRT |
| TC1224-2.8VCTTR |
| TC1224-3.0VCTTR |
| TC1224-3.1VCT715 |
| TC1224-3.1VCTMR |
| TC1224-3.1VCTTR |
| TC1224-3.3VCTTR |
| TC1224-3.6VCTTR |
| TC1224-4.0VCTTR |
| TC1224-5.0VCTTR |
| TC2014-1.8VCTTR |
| TC2014-2.5VCTTR |
| TC2014-2.6VCTTR |
| TC2014-2.7VCTTR |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| TC2014-2.85VCTTR |
| TC2014-2.8VCTTR |
| TC2014-3.0VCTTR |
| TC2014-3.3VCTTR |
| TC2014-5.0VCTTR |
| TC2015-1.8VCTTR |
| TC2015-2.5VCTTR |
| TC2015-2.6VCTTR |
| TC2015-2.7VCTTR |
| TC2015-2.85VCTTR |
| TC2015-2.8VCTTR |
| TC2015-3.0VCTTR |
| TC2015-3.3VCTTR |
| TC2015-5.0VCTTR |
| TC2054-1.8VCTTR |
| TC2054-2.5VCTTR |
| TC2054-2.6VCTTR |
| TC2054-2.7VCTTR |
| TC2054-2.85VCTTR |
| TC2054-2.8VCTTR |
| TC2054-3.0VCTTR |
| TC2054-3.3VCTTR |
| TC2054-5.0VCTTR |
| TC2055-1.8VCTTR |
| TC2055-2.5VCTTR |
| TC2055-2.6VCTTR |
| TC2055-2.7VCTTR |
| TC2055-2.85VCTTR |
| TC2055-2.8VCTTR |
| TC2055-3.0VCTTR |
| TC2055-3.3VCTTR |
| TC2055-5.0VCTTR |
| TC2185-1.8VCTTR |
| TC2185-2.5VCTTR |
| TC2185-2.6VCTTR |
| TC2185-2.7VCTTR |
| TC2185-2.85VCTTR |
| TC2185-2.8VCTTR |
| TC2185-3.0VCTTR |
| TC2185-3.3VCTTR |
| TC2185-5.0VCTTR |
| TC2186-1.8VCTTR |
| TC2186-2.5VCTTR |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| TC2186-2.6VCTTR |
| TC2186-2.7VCTTR |
| TC2186-2.85VCTTR |
| TC2186-2.8VCTTR |
| TC2186-3.0VCTTR |
| TC2186-3.3VCTTR |
| TC2186-5.0VCTTR |
| TC6501P045VCTTR |
| TC6501P055VCTTR |
| TC6501P065VCTTR |
| TC6501P075VCTTR |
| TC6501P085VCTTR |
| TC6501P095VCTRT |
| TC6501P095VCTTR |
| TC6501P095VCTTRAAB |
| TC6501P105VCTRT |
| TC6501P105VCTTR |
| TC6501P105VCTTRAAC |
| TC6501P115VCTTR |
| TC6501P115VCTTRAAD |
| TC6501P120VCTTR |
| TC6501P120VCTTRAAF |
| TC6501P125VCTRT |
| TC6501P125VCTTR |
| TC6501P125VCTTRAAE |
| TC6502P045VCTTR |
| TC6502P055VCTTR |
| TC6502P065VCTTR |
| TC6502P075VCTTR |
| TC6502P085VCTTR |
| TC6502P095VCTTR |
| TC6502P105VCTTR |
| TC6502P115VCTTR |
| TC6502P125VCTTR |
| TC6503N015VCTTR |
| TC6503P005VCTTR |
| TC6504N015VCTTR |
| TC6504P005VCTTR |
| TC74A0-3.3VCTTR |
| TC74A0-5.0VCTTR |
| TC74A1-3.3VCTTR |
| TC74A1-5.0VCTTR |
| TC74A2-3.3VCTTR |

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Affected Catalog Part Numbers (CPN)

| PCN_GBNG-12CPPC550 |
|---------------------------|
| CATALOG_PART_NBR |
| TC74A2-5.0VCTTR |
| TC74A3-3.3VCTTR |
| TC74A3-5.0VCTTR |
| TC74A4-3.3VCTTR |
| TC74A4-5.0VCTTR |
| TC74A5-3.3VCTTR |
| TC74A5-5.0VCTTR |
| TC74A6-3.3VCTTR |
| TC74A6-5.0VCTTR |
| TC74A7-3.3VCTTR |
| TC74A7-5.0VCTTR |
| TC77-3.3MCTTR |
| TC77-5.0MCTTR |
| TCM828ECT713 |
| TCM828ECT723 |
| TCM828ECTMR |
| TCM828VT713 |
| TCM829ECT713 |
| TCM829ECT723 |
| TCM829ECTMR |