



Product Change Notification / RMES-02PDUT712

Date:

03-Jan-2023

Product Category:

Power Discrete Components, Power Discrete Products

PCN Type:

Manufacturing Change

Notification Subject:

CCB 5363 Final Notice: Implement Microchip Inner Labels and documentation changes for selected PSDS (Power Switching Discrete Solutions) Silicon Carbide (SiC) Products.

Affected CPNs:

[RMES-02PDUT712_Affected_CPN_01032023.pdf](#)
[RMES-02PDUT712_Affected_CPN_01032023.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:Implement Microchip Inner Labels and documentation changes for selected PSDS (Power Switching Discrete Solutions) Silicon Carbide (SiC) Products.

Pre and Post Change Summary:

| Details | |
|---------------|---|
| Product label | Refer to Pre and Post Change summary for complete details |

| | |
|--|--|
| Packing Material | |
| (Change format of Packing List, Commercial Invoice and Certificate of conformance) | |

Impacts to Data Sheet:None

Change Impact:None

Reason for Change:To improve productivity by standardizing the packing method as part of the integration of Microsemi and Microchip.

Change Implementation Status:In Progress

Estimated First Ship Date:February 17, 2023 (date code: 2307)

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

Time Table Summary:

| | January 2023 | | | | | February 2023 | | | | |
|-------------------------------|--------------|--------|--------|--------|---|---------------|--------|--------|--------|--------|
| Workweek | 0 1 | 0 2 | 0 3 | 0 4 | > | 0 5 | 0 6 | 0 7 | 0 8 | 0 9 |
| Final PCN Issue Date | x | | | | | | | | | |
| Estimated Implementation Date | | | | | | | | x | | |

Method to Identify Change:Inner Label, Packing List, Commercial Invoice and Certificate of conformance documents

Qualification Report:Not Applicable

Revision History:January 03, 2023: Issued final notification.

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-02PDUT712_Pre and Post_change comparison.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.

RMES-02PDUT712 - CCB 5363 Final Notice: Implement Microchip Inner Labels and documentation changes for selected PSDS (Power Switching Discrete Solutions) Silicon Carbide (SiC) Products.

Affected Catalog Part Numbers(CPN)

MSC030SDA120BCT
MSC030SDA120BVAO
MSC030SDA120D/S
MSC030SDA120D/SVAO
MSC030SDA120K
MSC030SDA120KVAO
MSC030SDA120S
MSC030SDA170B
MSC030SDA170D/S
MSC030SDA330B
MSC030SDA330D/S
MSC035SMA070B
MSC035SMA070B4
MSC035SMA070D/S
MSC035SMA070S
MSC035SMA170B
MSC035SMA170B4
MSC035SMA170D/S
MSC035SMA170S
MSC040SMA120B
MSC040SMA120B4
MSC040SMA120D/S
MSC040SMA120J
MSC040SMA120S
MSC040SMA120S/TR
MSC050SDA070B
MSC050SDA070BCT
MSC050SDA070D/S
MSC050SDA070S
MSC050SDA120B
MSC050SDA120BCT
MSC050SDA120BVAO
MSC050SDA120D/S
MSC050SDA120D/SVAO
MSC050SDA120S
MSC050SDA170B
MSC050SDA170D/S
MSC060SMA070B
MSC060SMA070B4
MSC060SMA070D/S
MSC060SMA070S

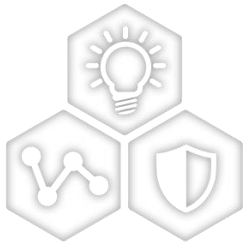
MSC080SMA120B
MSC080SMA120B4
MSC080SMA120D/S
MSC080SMA120J
MSC080SMA120S
MSC080SMA330B4
MSC080SMA330D/S
MSC090SDA330B2
MSC090SDA330D/S
MSC090SMA070B
MSC090SMA070D/S
MSC090SMA070S
MSC180SMA120B
MSC180SMA120D/S
MSC180SMA120S
MSC2X100SDA070J
MSC2X100SDA120J
MSC2X101SDA070J
MSC2X101SDA120J
MSC2X21DC120J
MSC2X30SDA070J
MSC2X30SDA120J
MSC2X30SDA170J
MSC2X31SDA070J
MSC2X31SDA120J
MSC2X31SDA170J
MSC2X50SDA070J
MSC2X50SDA120J
MSC2X50SDA170J
MSC2X51SDA070J
MSC2X51SDA120J
MSC2X51SDA170J
MSC2X61DC120J
MSC360SMA120B
MSC360SMA120D/S
MSC360SMA120S
MSC400SMA330B4
MSC400SMA330D/S
MSC750SMA170B
MSC750SMA170B4
MSC750SMA170D/S
MSC750SMA170S
MSC750SMA170SA
CC3079
CD5007
MSC010SDA070B
MSC010SDA070BCT

MSC010SDA070D/S
MSC010SDA070K
MSC010SDA070S
MSC010SDA120B
MSC010SDA120BVAO
MSC010SDA120D/S
MSC010SDA120D/SVAO
MSC010SDA120K
MSC010SDA120KVAO
MSC010SDA170B
MSC010SDA170D/S
MSC015SDA120B
MSC015SDA120BVAO
MSC015SDA120D/S
MSC015SDA120D/SVAO
MSC015SDA120K
MSC015SDA120KVAO
MSC015SMA070B
MSC015SMA070B4
MSC015SMA070D/S
MSC015SMA070S
MSC017SMA120B
MSC017SMA120B4
MSC017SMA120D/S
MSC017SMA120J
MSC017SMA120S
MSC020SDA120B
MSC020SDA120BVAO
MSC020SDA120D/S
MSC020SDA120D/SVAO
MSC020SDA120K
MSC020SDA120KVAO
MSC020SDA120S
MSC025SMA120B
MSC025SMA120B4
MSC025SMA120D/S
MSC025SMA120J
MSC025SMA120S
MSC025SMA330D/S
MSC027SMA330D/S
MSC030SDA070B
MSC030SDA070BCT
MSC030SDA070D/S
MSC030SDA070K
MSC030SDA070S
MSC030SDA120B

CCB 5363
Pre and Post change compassion
RMES-02PDUT712



A Leading Provider of Smart, Connected and Secure Embedded Control Solutions



SMART | CONNECTED | SECURE

Reel/Bag/Inner box Label

Pre-Change








With no customer part number

| | |
|---|-----------------------|
|  11861 Western Avenue Garden Grove, CA 92841, USA | |
| SUPPLIER PART NO: SG2003J-883B | Leaded |
|  | |
| LOT NUMBER: 1213031 | |
|  | |
| DATE CODE: 2A1240P | |
|  | |
| QUANTITY: 250 | COUNTRY OF ORIGIN: KR |
|   | |

With customer part number

| | |
|---|-----------------------|
|  11861 Western Avenue Garden Grove, CA 92841, USA | |
| SUPPLIER PART NO: SG2003J-883B | Leaded |
|  | |
| LOT NUMBER: 1213031 | |
|  | |
| DATE CODE: 2A1240P | |
|  | |
| QUANTITY: 250 | COUNTRY OF ORIGIN: KR |
|   | |
| CUST PART NO: 12345678912345678912345678912345 | |
|  | |

Post-Change

| (1P) CATALOG P/N: ABCDEFGHIJKL-BB-CC-DDDD-EEEE-FF | |  | | | | | | | | | |
|---|------|--|--|-----|-----|------|-----|------|------|------|------|
|  | | | | | | | | | | | |
| (1T) LOT NO.: 114601899000MTAI | |  | | | | | | | | | |
|  | | MSL: 3/260 C | | | | | | | | | |
| | | PKG: TFBGA | | | | | | | | | |
| | | LEAD: 48 | | | | | | | | | |
| (P) CUST. P/N: ABCDEFGH IJKLMNO PQRSTU V REV A | | (Q) QTY | | | | | | | | | |
|  | | 2500 | | | | | | | | | |
| | | <table border="1"> <tr> <th>D/C</th> <th>QTY</th> </tr> <tr> <td>1407</td> <td>250</td> </tr> <tr> <td>1408</td> <td>1000</td> </tr> <tr> <td>1509</td> <td>1250</td> </tr> </table> | | D/C | QTY | 1407 | 250 | 1408 | 1000 | 1509 | 1250 |
| D/C | QTY | | | | | | | | | | |
| 1407 | 250 | | | | | | | | | | |
| 1408 | 1000 | | | | | | | | | | |
| 1509 | 1250 | | | | | | | | | | |
| MPC: ABCDEFGHJKLMNO | | SEAL DATE: MMDDYY | | | | | | | | | |
|  | | WAFER QTY: - | | | | | | | | | |
| | | WAFER REV: - | | | | | | | | | |
| | | RECERT D/C: - | | | | | | | | | |
| | | WAFER LOT: - | | | | | | | | | |
| ID#:(001) TRACE CODE: 1407B1R.1408B1Q.1509A3R | | | | | | | | | | | |
|  | | MADE IN THAILAND | | | | | | | | | |

100mm

60mm

Packing List

Pre-Change



SID# () PS104047466

Bill To/Sold To:



Ship To:



Shipper/Exporter:
o/o Microsemi Semiconductors Manila, Phils, Inc.
Fatech Bldg2, LISP1, Ampere rd. cor. West rd., Cabuyao,
Laguna
PH 4025

Sold From:
Microchip Technology Ireland Ltd.
Ground Floor
Block W
Eastpoint Business Park
Dublin 3
Ireland

PACKING SLIP

Shipment Reference Number PS104047466
Shipment Date 12 - Aug - 2022
Customer Purchase Order 41037961
Sales Order Number 10529296
Tracking Number 5747 7599 1219
Freight Terms EXW
Carrier Spec. Request-See instructions
Pack Date 04 - Aug - 2022
Page 1 of 1

| Line No. | Product Number | Description | UOM | Quantity Packed |
|----------|--|---|-----------|-----------------|
| 1 | MSC080SMA120JS15 CUSTOMER PART #: 15180012 ECCN: EAR99 | MOSFET SIC 1200 V 80 mOHM SOT-227 CUSTOMER PO LINE: 10 HTS: EU: 85412900,US: 8541.29.0095 | PCS | 200 |
| | Batch ID | Vendor Batch ID | Date Code | Quantity COO |
| | PDWO80029098 | U29862/U24894 | 2223 | 200 PH |

Maria Elena Laresma
Authorized Signature

SO104027103

FL7 → MY

Project: AK_Shipping_Data Version: 5.6.2_ST-7.8 Event: Shipping_docs_event Process: AK3TDPACKSLIP

| Total Outer Boxes | Gross Weight | Total Quantity |
|-------------------|--------------|----------------|
| 1 | 9.8 Kgs. | 200 |

Post-Change



Microchip Technology Ireland Ltd.
Ground Floor
Block W
Eastpoint Business Park
Dublin 3
Ireland

PACKING LIST

Page 1 (1)

| Ship From: | Ship To | Sold To: |
|---------------------------------------|--------------|----------|
| MICROCHIP TECHNOLOGY(TH) CO. LTD. | 020499 - 007 | |

| | | |
|-------------------------|------------------------|--------------------------|
| Shipment No.: S12704627 | Ship Terms: EXW | Shipping Mark: Hong Kong |
| Date: 28 Oct 2020 | Total Gross Wgt.: 1.06 | |
| Total Cartons: 1 | Total Net Wgt.: 0.46 | |

| Carton No. Carton Dimension | Gross Wt. Net Wt. (Kgs) | Sales Order Picklist LC Number | Part Description | Customer Part Number Customer PO | ECCN HTS Code | Lot Number Diffused in Made in | Quantity (PCS) |
|--------------------------------|-------------------------------|--------------------------------------|---|-------------------------------------|---|--------------------------------------|-------------------|
| 1 of 1 20.1x13.3x41.3 cm | 1.06 0.46 | 10409359 - 2 12704627 | ZL30132GGG2 Microcontroller, Processor, Field Program. Logic | 110100000000H M20081022JA - 2 | EAR99 8542.31.0001(US) 85423190(EU) | 204500063100ASEM US MY | 260 |
| Total: | 1.06 0.46 | | | | | | 260 |

CERTIFICATE OF CONFORMANCE :

Valued Customer: We certify that the materials shipped against this sales order have been inspected as required and are in full compliance with the terms of this sales order.
Reference Microchip.com for product specific Regulatory Declaration of Conformity (DoC)

Patents: See <http://www.microchip.com/patents>

This shipment contains no confusable wood packaging materials.
These commodities, technology or software were exported in accordance with applicable export control regulations. Diversion contrary to export controls is prohibited.

REPRINT DATE: 19 Oct 2020 20:11:26

Authorised Signature : **Thanakorn Thongratsamee**



S12704627

Hong Kong

Project: sds_invoice Version: ST-4.3 Event: sddoc94110200s2 Process: PACK-CONS SSPage: Body



Commercial Invoice

Pre-Change



Bill To/Sold To:



Ship To:



SID# () PS104047466

Shipper/Exporter:
c/o Microsemi Semiconductors Manila, Phils, Inc.
Fastech Bldg2, LISP1, Ampere rd. cor. West rd., Cabuyao,
Laguna
PH 4025

Sold From:
Microchip Technology Ireland Ltd.
Ground Floor
Block W
Eastpoint Business Park
Dublin 3
Ireland

| COMMERCIAL INVOICE | |
|---------------------------|--------------------------------|
| Shipment Reference Number | PS104047466 |
| Shipment Date | 12 - Aug - 2022 |
| Customer Purchase Order | 41037981 |
| Sales Order Number | 10529296 |
| Tracking Number | 5747 7590 1219 |
| Freight Terms | EXW |
| Carrier | Spec. Request-See instructions |
| Currency Code | USD |
| Pack Date | 04 - Aug - 2022 |
| Page | 1 of 1 |

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government

| Line No. | Product Number | Description | UOM | Quantity Packed | Unit Price | Amount |
|---------------------------|-------------------|-----------------------------------|----------|-----------------|------------|----------|
| 1 | MSC080SMA120,IS15 | MOSFET SIC 1200 V 80 mOhm SOT-227 | PCS | 200 | 19.720 | 3,944.00 |
| CUSTOMER PART #: 15180012 | | CUSTOMER PO LINE: 10 | | | | |
| ECCN: EAR99 | | HTS: EU: 85412900,US: 854129.0095 | | | | |
| Batch ID | Vendor Batch ID | Date Code | Quantity | COO | | |
| PDW080229698 | U29862UJ24894 | 2223 | 200 | PH | | |

María Elena Laresma
Authorized Signature

| Total Outer Boxes | Gross Weight | Total Quantity | Total Amount |
|-------------------|--------------|----------------|--------------|
| 1 | 9.8 Kgs. | 200 | 3,944.00 |

SO104027103

FL7 → MY

Project: AX_Shipping_Data Version: 5.6.2_31-7.8 Event: Shipping_data_event Process: AXST000MMV

Post-Change



Microchip Technology Ireland Ltd.
Ground Floor
Block W
Eastpoint Business Park
Dublin 3
Ireland

COMMERCIAL INVOICE

Page 1 (1)

| Ship From: | Ship To: | 020499 - 007 | Sold To: |
|---------------------------------------|----------|--------------|----------|
| MICROCHIP TECHNOLOGY(TH) CO. LTD. | | | |

| | |
|------------------------------------|----------------------------|
| Shipment Number : S12704627 | Total Outer Boxes : 1 |
| Ship Date : 28 Oct 2020 | Gross Weight (kg) : 1.06 |
| Shipping Terms : EXW | Net weight (kg) : 0.46 |
| Payment Terms : Due in Not 30 Days | Total Value :5,740.80(USD) |

| Item | Sales Order Sales Invoice | Part Description | Customer Part Number Customer PO | ECCN HTS Code | Lot Number Diffused In Made in | Quantity (PCS) | Price (USD) | Total (USD) |
|-------|---------------------------|---|----------------------------------|---|--------------------------------|----------------|-------------|-------------|
| 1 | 10400359-20 | ZL30132GGG2 Microcontroller, Processor, Field Program. Logic | 110100000000H M20081022JA - 2 | EAR99 8542.31.0001(US) 85423190(EU) | 204500063100ASEM US MY | 260 | 22.08 | 5,740.80 |
| TOTAL | | | | | | 260 | | 5,740.80 |

This shipment contains no conferrable wood packaging materials. These commodities, technology or software were exported in accordance with applicable export control regulations. Diversion contrary to export controls is prohibited.

19 Oct 2020 20:11:26



S12704627

Authorised Signature : **Thanakorn Thongratsamee**

Hong Kong

Project: sds_invoice Version: ST-4.3 Event: sddoc94110200s2 Process: COMINV-CONS SSPage: Body



Certificate Of Conformance

Pre-Change



Certificate of Conformance

Page 1 of 1

c/o Microsemi Semiconductors Manila, PHils, Inc.
Fastech Bldg., USP1, Anapara rd. cor. West 16., Cebuys.
Laguna
PH. 4005

Shipment Reference Number PS104047466
Packed Date 04 - Aug - 2022
Customer Purchase order 41037981
Sales Order Number 10520296



| Line No. | MCHP Catalog Part Number | Description | Customer Part Number | Quantity |
|----------|--------------------------|-----------------------------------|----------------------|----------|
| 1 | M5C0805MA120J515 | MOSFET SIC 1200 V 80 mOhm SOT-227 | 15180012 | 200 |

CUSTOMER PO LINE#: 10
ECCN: EAR99 HTS: EU: 85412900,US: 8541290095

| Batch ID | Vendor Batch ID | Date Code | Quantity | COO |
|--------------|-----------------|-----------|----------|-----|
| PDVDC0323608 | U29863U24884 | 2223 | 200 | PH |

Microchip certifies that all articles in the quantities supplied pursuant to the referenced Purchase Order are in conformance with the requirements, specifications, and/or drawings listed on that order and accepted in Microchip's Order Acknowledgment. Test reports and/or other objective evidence are retained by Microchip for traceability of the products shipped. Microchip certifies that 100% electrical testing has been performed on the electronic components specified.

Microchip is ISO-9001 registered.
Articles specified do not contain any suspect or known counterfeit part or material.
Microchip Technology, Inc.
QC Date Verified: 04 - Aug - 2022

SO104027103

FL7 → MY

Project: AL_Shipping_Data Version: 5.6.2_57-7.6 Event: Shipping_data_print Process: ASSTDCDFG

Post-Change



Microchip Technology Ireland Ltd.
Ground Floor
Block W
Essexpoint Business Park
Dublin 3
Ireland

PACKING LIST

Page 1 (1)

| Ship From: | Ship To: | 008205 - 011 | Sold To: |
|---|----------|--------------|----------|
| Microchip Technology Operations(PH) Corp. Reg#: 225 331 551 000 102 Accuracy Dr. Cor Excellence Ave. CIP1 Carlubang Calamba City 4028 Philippines Tel: +6325753900 | | | |

| | | |
|-------------------------|-----------------------|--------------------------|
| Shipment No.: S15496334 | Ship Terms: EXW | Shipping Mark: Hong Kong |
| Date: 29 Dec 2022 | Total Gross Wgt: 3.05 | |
| Total Cartons: 1 | Total Net Wgt: 1.45 | |

| Carton No. Carton Dimension | Gross Wt. Net Wt. (Kgs) | Sales Order Picklist LC Number | Part Description Export License(s) | Customer Part Number Customer PO | ECCN HTS Code | Lot Number Diffused In Made In | Quantity (PCs) |
|--------------------------------|-------------------------------|--------------------------------------|--|-------------------------------------|---|--|-------------------|
| 1 of 1 37x38x11(cm) | 3.05 1.45 | 22211067 - 1 15496334 | PD69220C-022419 Microcontroller, Processor, Field Program. Logic NLR | 11007287980 - 1 | EAR99 8542.31.0001(US) 85423190(EU) | 233800021000ASCL Taiwan, China Taiwan, China | 4900 |
| Total: | 3.05 1.45 | | | | | | 4900 |

CERTIFICATE OF CONFORMANCE :

Valued Customer: We certify that the materials shipped against this sales order have been inspected as required and are in full compliance with the terms of this sales order.
Reference Microchip.com for product specific Regulatory Declaration of Conformity (DoC)

Patents: See <http://www.microchip.com/patents>

This shipment contains no confiterous wood packaging materials.
These commodities, technology or software were exported in accordance with applicable export control regulations. Diversion contrary to export controls is prohibited.

PRINT DATE: 27 Dec 2022 04:15:36

Authorised Signature : MA. Elena Laresma



Hong Kong

Project: sds_invoice Version: 5.6.2_ST-6.3 Event: sddoc9411020062 Process: PACK-OONS 56Page: Body

