



**Product Change Notification / RMES-02PDUT712**

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**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.

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

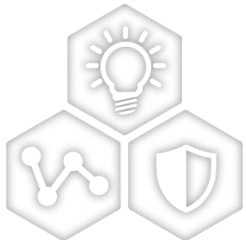
MSC010SDA120K  
MSC010SDA120KVAO  
MSC010SDA170B  
MSC010SDA170D/S  
MSC015SDA120B  
MSC015SDA120BVAO  
MSC015SDA120D/S  
MSC015SDA120D/SVAO  
MSC015SDA120K  
MSC015SDA120KVAO  
MSC015SMA070B  
MSC015SMA070B4  
MSC015SMA070D/S  
MSC015SMA070S  
MSC017SMA120B  
MSC017SMA120B4  
MSC017SMA120D/S  
MSC017SMA120J  
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**



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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		(Q) QTY
	PKG: TFBGA		2500
(P) CUST. P/N: ABCDEFGH IJKLMNO PQRSTU V REV A	LEAD: 48		
			
MPC: ABCDEFGHJKLMNO	SEAL DATE: MMDDYY	D/C	QTY
	WAFER QTY: -	1407	250
	WAFER REV: -	1408	1000
	RECERT D/C: -	1509	1250
	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 PDWO80029098	Vendor Batch ID U29862/U24894	Date Code 2223	Quantity 200
			COO 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
<b>Total:</b>	<b>1.06 0.46</b>						<b>260</b>

#### 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:  
cto Microsemi Semiconductors Manila, Phils, Inc.  
Fastech Bldg2, LISP1, Ampere rd. cor. West rd., Cebuayo,  
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 CUSTOMER PART #: 15180012 ECCN: EAR99	MOSFET SIC 1200 V 80 mOhm SOT-227 CUSTOMER PO LINE: 10 HTS: EU: 85412900.US: 854129.0095	PCS	200	19.720	3,944.00
	Batch ID	Vendor Batch ID	Date Code	Quantity	COO	
	PDW08022698	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	10400359-2 0	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., USPI, Anapara rd. cor. West 16., Cabuyao,  
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: 8541.29.0095

Batch ID	Vendor Batch ID	Date Code	Quantity	COO
PDVDC0323608	U29863U24894	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  
Easpoint 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
<b>Total:</b>	<b>3.05 1.45</b>						<b>4900</b>

#### 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

