



Product Change Notification / ALAN-24PHOE237

Date:

27-Apr-2023

Product Category:

Power Discrete Components

PCN Type:

Manufacturing Change

Notification Subject:

CCB 6274 Initial Notice: Qualification of MCSO as a new final test location for MSC030SDA330B, MSC080SMA330B4, and MSC400SMA330B4 catalog part numbers (CPN) available in 2L TO-247 and 4L TO-247 packages.

Affected CPNs:

[ALAN-24PHOE237_Affected_CPN_04272023.pdf](#)

[ALAN-24PHOE237_Affected_CPN_04272023.csv](#)

Notification Text:

PCN Status:Initial 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:Qualification of MCSO as a new final test location for MSC030SDA330B, MSC080SMA330B4, and MSC400SMA330B4 catalog part numbers (CPN) available in 2L TO-247 and 4L TO-247 packages.

Pre and Post Change Summary:

		Pre Change	Post Change
Final Test Location		Microchip Technology, Inc. – Bend Office (MBND)	Microchip Technology Colorado (MCSO)
Pin 1 orientation		Left of Tube	Left of Tube
Packing Media		Tube	Tube
		No change. Please see Pre and Post change for comparison.	
Packing Media Color		Clear	Clear
Boxes		No change. Please see Pre and Post change for comparison.	
Boxes BQM	Inner Box	720 pcs/box	720 pcs/box
	Master Box	2880 pcs/box	2880 pcs/box
Fill		No change. Please see Pre and Post change for comparison.	
Packing Method		No change. Please see Pre and Post change for comparison.	

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying MCSO as new test location.

Change Implementation Status:In Progress

Estimated Qualification Completion Date:May 2023

Note: Please be advised the qualification completion times may be extended because of unforeseen business conditions however implementation will not occur until after qualification has completed and a final PCN has been issued. The final PCN will include the qualification report and estimated first ship date. Also note that after the estimated first ship date guided in the final PCN customers may receive pre and post change parts.

Time Table Summary:

	April 2023					May 2023				
Workweek	1 3	1 4	1 5	1 6	1 7	18	19	20	21	22
Initial PCN Issue Date					X					
Qual Report Availability							X			
Final PCN Issue Date							X			

Method to Identify Change:Traceability code

Qualification Plan:Please open the attachments included with this PCN labeled as PCN_#_Qual_Plan.

Revision History:April 27, 2023: Issued initial 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_ALAN-24PHOE237 Qual Plan.pdf](#)

[PCN_ALAN-24PHOE237_Pre and Post Change_Summary.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)

MSC030SDA330B

MSC080SMA330B4

MSC400SMA330B4



MICROCHIP

QUALIFICATION PLAN SUMMARY

PCN# ALAN-24PHOE237

**Date:
April 25, 2023**

**Qualification of MCSO as a new final test location for
MSC030SDA330B, MSC080SMA330B4, and
MSC400SMA330B4 catalog part numbers (CPN) available in
2L TO-247 and 4L TO-247 packages.**

Purpose: _____ Qualification of MCSO as a new final test location for MSC030SDA330B, MSC080SMA330B4, and MSC400SMA330B4 catalog part numbers (CPN) available in 2L TO-247 and 4L TO-247 packages.

CCB: _____ 6274

Activity	Criteria	Remarks
Characterize 20 units on both test site setups (MOSFET)	Test measurement values difference to be within +/- 10% of the measured values	The same exact test equipment and HW will be used

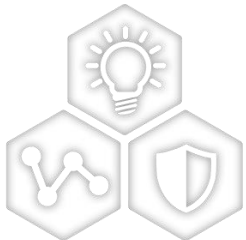
CCB 6274

Pre and Post Change Summary

PCN# ALAN-24PHOE237



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

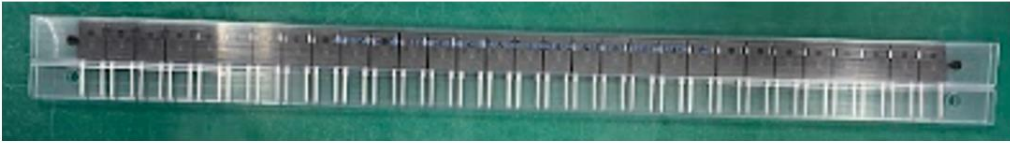


SMART | CONNECTED | SECURE

Tube

MBND

TUBE with full quantity



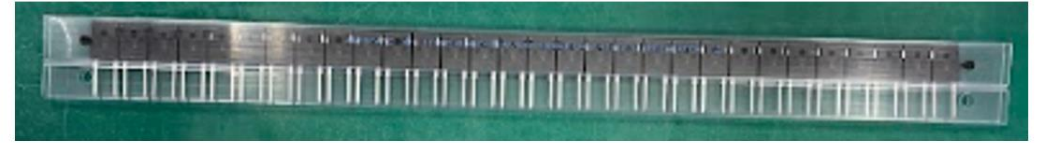
TUBE with partial quantity



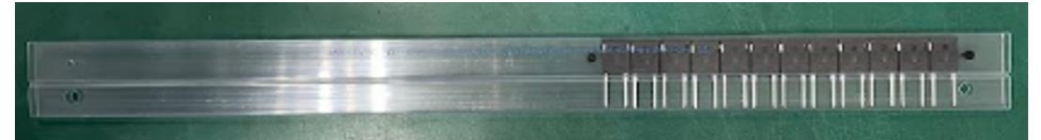
21mmx1.781mmx0.274mm

MCSO

TUBE with full quantity



TUBE with partial quantity



21mmx1.781mmx0.274mm

Boxes

MBND

INNER BOX



MASTER BOX



Inner Box	593mmx129mmx132mm Material: Carton Color: Brown
Master Box	610mmx320mmx350mm Material: Carton Color: Brown

MCSO

INNER BOX



MASTER BOX



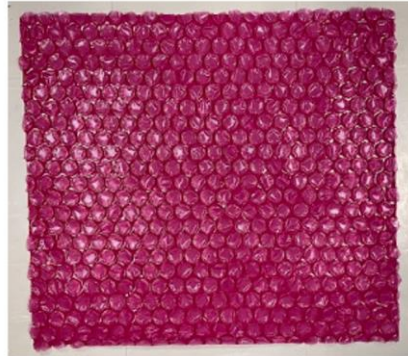
Inner Box	593mmx129mmx132mm Material: Carton Color: Brown
Master Box	610mmx320mmx350mm Material: Carton Color: Brown

MBND

KRAFT PAPER



BUBBLE SHEET



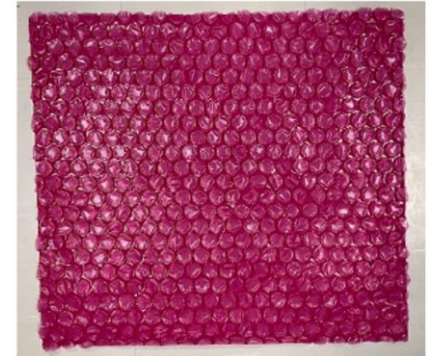
Kraft Paper	Color: Brown
Bubble Sheet	610mmx559mm Anti-static plastic Pink

MCSO

KRAFT PAPER



BUBBLE SHEET



Kraft Paper	Color: Brown
Bubble Sheet	610mmx559mm Anti-static plastic Pink

Packing Method

MBND

INNER BOX with full quantity (24 Tubes)



INNER BOX with partial quantity (less than 24 tubes)



MASTER BOX with full quantity (4 Inner Box)



MASTER BOX with partial quantity (less than 4 Inner box)



MCSO

INNER BOX with full quantity (24 Tubes)



INNER BOX with partial quantity (less than 24 tubes)



MASTER BOX with full quantity (4 Inner Box)



MASTER BOX with partial quantity (less than 4 Inner box)

