



Title of Change:	SOD523 carrier tape pocket dimension and design change
Effective date:	08 Sep 2020
Contact information:	Contact your local ON Semiconductor Sales Office or Jim.Peng@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Assembly Change
Change Sub-Category(s):	Carrier tape pocket change

Sites Affected:

ON Semiconductor Sites	External Foundry/Subcon Sites
Leshan Phoenix Semiconductor, China	None

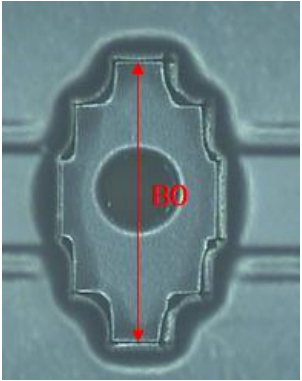
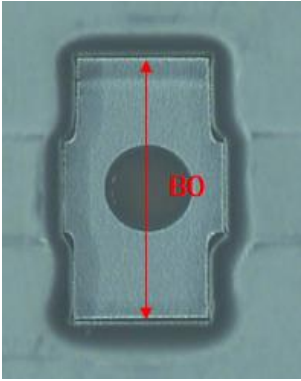
Description and Purpose:

This product bulletin announces the improved SOD523 carrier tape pocket. The improved SOD523 carrier tape pocket will eliminate potential risk of unit jammed in carrier tape pocket. All new product releases currently incorporate this type of carrier tape and products listed in this product bulletin are being converted after the effective date.

The MPQ, reel size and cover tape dimension have no changes. There does not require any modifications to the assembly processes or flows.

The change will not impact form, fit, or function of product(s).

Please refer to below table for the detail change.

	Before Change	After Change
Carrier Tape Pocket Shape	With pocket lead guide area 	Without pocket lead guide area 
Carrier Tape Pocket Length(B0)	1.95±0.05 mm	1.80±0.05 mm

**List of Affected Standard Parts:**

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

1SS400T1	1SS400T1G	1SS400T5G
BAS16XV2T1G	BAS16XV2T5G	BAT54XV2T1G
BAT54XV2T1H	BAT54XV2T5G	BAT54XV2T5H
ESD5B5.0ST1G	ESD5B5.0ST5G	ESD5Z12T1G
ESD5Z12T5G	ESD5Z2.5T1G	ESD5Z2.5T5G
ESD5Z3.3T1G	ESD7351XV2T5G	ESD7361XV2T5G
ESD8351XV2T5G	HBL5006XV2T5G	MM5Z12VT5G
MM5Z16VT5G	MM5Z18VT5G	MM5Z20VT5G
MM5Z24VT5G	MM5Z27VT5G	MM5Z2V4ST5G
MM5Z2V4T5G	MM5Z2V7T5G	MM5Z33VT5G
MM5Z36VT5G	MM5Z3V0T5G	MM5Z4680T1G
MM5Z4685T1G	MM5Z4687T1G	MM5Z4689T1G
MM5Z4690T1G	MM5Z4693T1G	MM5Z4705T1G
MM5Z4709T1G	MM5Z4711T1G	MM5Z4717T1G
MM5Z4V3T5G	MM5Z4V7T5G	MM5Z5V6ST5G
MM5Z5V6T5G	MM5Z6V2ST5G	MM5Z6V2T5G
MM5Z6V8ST5G	MM5Z6V8T5G	MM5Z7V5T5G
MM5Z8V2ST5G	MM5Z8V2T5G	MM5Z9V1ST5G
MM5Z9V1T5G	NSD914XV2T5G	SNSR05T40XV2T5G
ESD5Z3.3T5G	ESD5Z5.0T1G	ESD5Z5.0T5G
ESD5Z6.0T1G	ESD5Z6.0T5G	ESD5Z7.0T1G
ESD5Z7.0T5G	ESD7351XV2T1G	ESD7361XV2T1G
ESD7371XV2T1G	ESD7371XV2T5G	ESD8351XV2T1G
HBL5006XV2T1G	MM5Z10VT1G	MM5Z10VT5G
MM5Z11VT1G	MM5Z11VT5G	MM5Z12VT1G
MM5Z15VT1G	MM5Z15VT5G	MM5Z16VT1G
MM5Z18VT1G	MM5Z20VT1G	MM5Z24VT1G
MM5Z27VT1G	MM5Z2V4ST1G	MM5Z2V4T1G
MM5Z2V7T1G	MM5Z33VT1G	MM5Z36VT1G
MM5Z3V0T1G	MM5Z3V3T1G	MM5Z3V3T5G
MM5Z3V6T1G	MM5Z3V6T5G	MM5Z3V9T1G
MM5Z3V9T5G	MM5Z4686T1G	MM5Z4688T1G
MM5Z4697T1G	MM5Z4715T1G	MM5Z47VT1G
MM5Z4V7T5G	MM5Z4V3T1G	MM5Z4V7ST1G



MM5Z4V7ST5G	MM5Z4V7T1G	MM5Z5V1ST1G
MM5Z5V1ST5G	MM5Z5V1T1G	MM5Z5V1T5G
MM5Z5V6ST1G	MM5Z5V6T1G	MM5Z6V2ST1G
MM5Z6V2T1G	MM5Z6V8ST1G	MM5Z6V8T1G
MM5Z7V5T1G	MM5Z8V2ST1G	MM5Z8V2T1G
MM5Z9V1ST1G	MM5Z9V1T1G	NSD914XV2T1G
NSR0240V2T1G	NSR0240V2T5G	NSR0340V2T1G
NSR0340V2T5G	NSR0520V2T1G	NSR0520V2T5G
NSR05T30XV2T5G	NSR05T40XV2T5G	NSR10T20XV2T5G
NSRLL30XV2T1G	NSRLL30XV2T5G	NSZ5V6V2T5G
RB520S30T1G	RB520S30T5G	RB521S30T1G
RB521S30T5G	RB751S40T1G	RB751S40T5G
S1BAS16XV2T5G		

Japanese translation of the notification starts here.
通知の日本語訳はここから始まります。

Note: The Japanese version is for reference only. In case of any differences between the English and Japanese version, the English version shall control.

注：日本語版は参照用です。英語版と日本語版の違いがある場合は、英語版が優先されます。



変更件名:	SOD523 キャリアテープポケットの寸法および設計の変更	
発効日:	08 Sep 2020	
連絡先情報:	現地のオン・セミコンダクター営業所または Jim.Peng@onsemi.com にお問い合わせください。	
通知種別:	本製品速報は通知目的のみのものです。オン・セミコンダクターは本製品速報の発行により本変更を実行します。	
変更カテゴリ:	組立の変更	
変更サブカテゴリ:	キャリアテープポケットの変更	
影響を受ける拠点:		
オン・セミコンダクター拠点: Leshan Phoenix Semiconductor, China	外部製造工場 / 下請業者拠点: None	

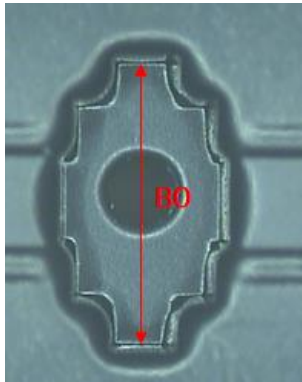
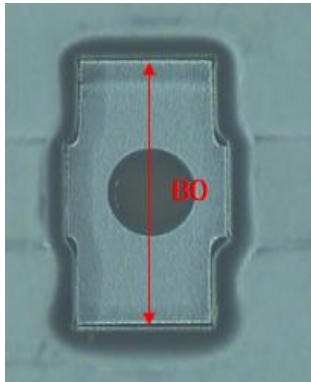
説明および目的:

本製品速報は SOD523 キャリアテープポケットの改良についてお知らせするものです。改良後の SOD523 キャリアテープポケットは、製品がキャリアテープポケットに詰まる潜在的なリスクを排除します。現在すべての新製品はこのタイプのキャリアテープを取り入れてリリースされており、本製品速報に記載された製品は本速報の発効日以降に変更されます。

MPQ、リールサイズ、そしてカバーテープの寸法に変更はありません。組立のプロセスまたはフローを変更する必要はありません。

この変更は製品の形状、適合性、または機能に影響を及ぼしません。

変更の詳細については以下の表を参照してください。

	変更前の表記	変更後の表記
キャリアテープポケットの形状	ポケットリードガイド領域あり 	ポケットリードガイド領域なし 
キャリアテープポケットの長さ(B0)	1.95±0.05 mm	1.80±0.05 mm



影響を受ける部品の一覧:

注: 標準の部品番号(既製品)のみが部品一覧に記載されます。本 PCN に影響を受けるカスタム 部品は、PCN メールのお客様の特定の PCN の付属文書、または PCN カスタマイズポータルに記載されています。

1SS400T1	1SS400T1G	1SS400T5G
BAS16XV2T1G	BAS16XV2T5G	BAT54XV2T1G
BAT54XV2T1H	BAT54XV2T5G	BAT54XV2T5H
ESD5B5.0ST1G	ESD5B5.0ST5G	ESD5Z12T1G
ESD5Z12T5G	ESD5Z2.5T1G	ESD5Z2.5T5G
ESD5Z3.3T1G	ESD7351XV2T5G	ESD7361XV2T5G
ESD8351XV2T5G	HBL5006XV2T5G	MM5Z12VT5G
MM5Z16VT5G	MM5Z18VT5G	MM5Z20VT5G
MM5Z24VT5G	MM5Z27VT5G	MM5Z2V4ST5G
MM5Z2V4T5G	MM5Z2V7T5G	MM5Z33VT5G
MM5Z36VT5G	MM5Z3V0T5G	MM5Z4680T1G
MM5Z4685T1G	MM5Z4687T1G	MM5Z4689T1G
MM5Z4690T1G	MM5Z4693T1G	MM5Z4705T1G
MM5Z4709T1G	MM5Z4711T1G	MM5Z4717T1G
MM5Z4V3T5G	MM5Z4V7T5G	MM5Z5V6ST5G
MM5Z5V6T5G	MM5Z6V2ST5G	MM5Z6V2T5G
MM5Z6V8ST5G	MM5Z6V8T5G	MM5Z7V5T5G
MM5Z8V2ST5G	MM5Z8V2T5G	MM5Z9V1ST5G
MM5Z9V1T5G	NSD914XV2T5G	SNSR05T40XV2T5G
ESD5Z3.3T5G	ESD5Z5.0T1G	ESD5Z5.0T5G
ESD5Z6.0T1G	ESD5Z6.0T5G	ESD5Z7.0T1G
ESD5Z7.0T5G	ESD7351XV2T1G	ESD7361XV2T1G
ESD7371XV2T1G	ESD7371XV2T5G	ESD8351XV2T1G
HBL5006XV2T1G	MM5Z10VT1G	MM5Z10VT5G
MM5Z11VT1G	MM5Z11VT5G	MM5Z12VT1G
MM5Z15VT1G	MM5Z15VT5G	MM5Z16VT1G
MM5Z18VT1G	MM5Z20VT1G	MM5Z24VT1G
MM5Z27VT1G	MM5Z2V4ST1G	MM5Z2V4T1G
MM5Z2V7T1G	MM5Z33VT1G	MM5Z36VT1G
MM5Z3V0T1G	MM5Z3V3T1G	MM5Z3V3T5G



MM5Z3V6T1G	MM5Z3V6T5G	MM5Z3V9T1G
MM5Z3V9T5G	MM5Z4686T1G	MM5Z4688T1G
MM5Z4697T1G	MM5Z4715T1G	MM5Z47VT1G
MM5Z47VT5G	MM5Z4V3T1G	MM5Z4V7ST1G
MM5Z4V7ST5G	MM5Z4V7T1G	MM5Z5V1ST1G
MM5Z5V1ST5G	MM5Z5V1T1G	MM5Z5V1T5G
MM5Z5V6ST1G	MM5Z5V6T1G	MM5Z6V2ST1G
MM5Z6V2T1G	MM5Z6V8ST1G	MM5Z6V8T1G
MM5Z7V5T1G	MM5Z8V2ST1G	MM5Z8V2T1G
MM5Z9V1ST1G	MM5Z9V1T1G	NSD914XV2T1G
NSR0240V2T1G	NSR0240V2T5G	NSR0340V2T1G
NSR0340V2T5G	NSR0520V2T1G	NSR0520V2T5G
NSR05T30XV2T5G	NSR05T40XV2T5G	NSR10T20XV2T5G
NSRLL30XV2T1G	NSRLL30XV2T5G	NSZ5V6V2T5G
RB520S30T1G	RB520S30T5G	RB521S30T1G
RB521S30T5G	RB751S40T1G	RB751S40T5G
S1BAS16XV2T5G		



Appendix A: Changed Products

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
1SS400T1G		NA		
1SS400T5G		NA		
BAS16XV2T1G		NA		
BAS16XV2T5G		NA		
BAT54XV2T1G		NA		
BAT54XV2T5G		NA		
ESD5B5.0ST1G		NA		
ESD5B5.0ST5G		NA		
ESD5Z12T1G		NA		
ESD5Z12T5G		NA		
ESD5Z2.5T1G		NA		
ESD5Z2.5T5G		NA		
ESD5Z3.3T1G		NA		
ESD5Z3.3T5G		NA		
ESD5Z5.0T1G		NA		
ESD5Z5.0T5G		NA		
ESD5Z6.0T1G		NA		
ESD5Z6.0T5G		NA		
ESD5Z7.0T1G		NA		
ESD5Z7.0T5G		NA		
ESD7351XV2T1G		NA		
ESD7361XV2T1G		NA		
ESD8351XV2T1G		NA		
ESD7371XV2T1G		NA		
MM5Z10VT1G		NA		
MM5Z12VT1G		NA		
MM5Z15VT1G		NA		
MM5Z16VT1G		NA		
MM5Z2V4ST1G		NA		
MM5Z24VT1G		NA		
MM5Z2V7T1G		NA		
MM5Z2V4T1G		NA		
MM5Z36VT1G		NA		
MM5Z33VT1G		NA		
MM5Z3V0T1G		NA		
MM5Z3V3T1G		NA		
MM5Z4V7ST1G		NA		
MM5Z3V6T1G		NA		
MM5Z4V7T1G		NA		
MM5Z4V7ST5G		NA		
MM5Z5V1ST1G		NA		
MM5Z5V1T1G		NA		



Appendix A: Changed Products

DIKG : DIGI-KEY

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
MM5Z5V6T1G		NA		
MM5Z5V6ST1G		NA		
MM5Z6V8ST1G		NA		
MM5Z6V2ST1G		NA		
MM5Z7V5T1G		NA		
MM5Z6V8T1G		NA		
MM5Z8V2ST1G		NA		
MM5Z8V2T1G		NA		
MM5Z9V1T1G		NA		
MM5Z9V1ST1G		NA		
NSD914XV2T1G		NA		
NSR0240V2T1G		NA		
NSR0340V2T1G		NA		
NSR0240V2T5G		NA		
NSR0520V2T1G		NA		
NSR05T30XV2T5G		NA		
NSR05T40XV2T5G		NA		
RB520S30T1G		NA		
NSRLL30XV2T1G		NA		
RB520S30T5G		NA		
RB521S30T1G		NA		
RB521S30T5G		NA		
RB751S40T1G		NA		
RB751S40T5G		NA		