



---

DATE: 13 June, 2023

PCN #: 2632

PCN Title: Addition of A Passivation Layer Over The Top Metal of The Die for  
Select BJT Products

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request immediately. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



**PRODUCT CHANGE NOTICE**

**PCN-2632 REV 1**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
13 June, 2023	11 September, 2023	Discrete Semiconductor	Die Passivation	<b>2632</b>
<b>TITLE</b>				
Addition of A Passivation Layer Over The Top Metal of The Die for Select BJT Products				
<b>DESCRIPTION OF CHANGE</b>				
<p>This PCN is being issued to notify customers that in order to improve product manufacturability, Diodes Incorporated has qualified the addition of a passivation layer over the top metal of the die for select BJT products.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification report embedded in this file (to view, download this PCN file then open it with a PDF viewer to see the attached qualification report).</p> <p>There will be no change to the Form, Fit, or Function of affected products.</p>				
<b>IMPACT</b>				
No change in datasheet parameters				
<b>PRODUCTS AFFECTED</b>				
Please refer to Table 1 for the affected products				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/">https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/</a>			
<b>For More Information Contact:</b>	<a href="https://www.diodes.com/about/contact-us/contact-sales/">https://www.diodes.com/about/contact-us/contact-sales/</a>			
<b>Data Sheet:</b>	<a href="https://www.diodes.com/catalog/">https://www.diodes.com/catalog/</a>			
<b>DISCLAIMER</b>				
<b>Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.</b>				

**Table 1 - Affected Devices**

DMMT5551S-7-F	DZT5551-13	FMMT718TA	FZT705TA	ZDT6702TA	ZXTC2045E6TA
DSS5240Y-7	FCX605TA	FMMT718TC	FZT705TC	ZUMT619TC	ZXTN04120HKTC
DSS9110Y-7	FCX619TA	FMMT720TA	MMBT5401-13-F	ZXGD3003E6TA	ZXTN04120HP5TC
DXT2010P5-13	FCX705TA	FZT600BTA	MMBT5401-7-F	ZXT12N20DXTA	ZXTN5551FLTA
DXT2011P5-13	FMMT413TD	FZT600TA	MMBT5551-7-F	ZXT12N50DXTA	ZXTN5551GTA
DXT2012P5-13	FMMT618TA	FZT603TA	MMDT5401-7-F	ZXT12P40DXTA	ZXTP4003GTA
DXT2013P5-13	FMMT619TA	FZT605TA	MMST5401-13-F	ZXT13N20DE6TA	ZXTP4003ZTA
DXT2014P5-13	FMMT619TC	FZT605TA-79	MMST5401-7-F	ZXT13N50DE6TA	ZXTP5401FLTA
DXT5551P5-13	FMMT624TC	FZT605TC	ZDS1009TA	ZXT13P12DE6TA	ZXTP5401GTA
DXTP03200BP5-13	FMMT6520TA				