



DATE: 28 February, 2018

PCN #: 2305

PCN Title: Addition of A Passivation Layer Over The Top Metal of The Die for Selected 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 within 30 days as well. Otherwise, samples may not be built prior to this change. 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-2305 REV 1**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
28 February, 2018	28 May, 2018	Discrete	Die Passivation	2305
TITLE				
Addition of A Passivation Layer Over The Top Metal of The Die for Selected BJT Devices				
DESCRIPTION OF CHANGE				
<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 selected BJT products.</p> <p>Full electrical characterization and reliability testing has been completed on representative part numbers built with the additional passivation layer to ensure there is no change to product reliability, device functionality or electrical specifications in the datasheet. See attached (embedded) qualification report within this file.</p> <p>There will be no change to the Form, Fit, or Function of affected products.</p>				
IMPACT				
No change in datasheet parameters				
PRODUCTS AFFECTED				
Please refer to Table 1 for the affected devices				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	http://www.diodes.com/contacts			
Data Sheet:	http://www.diodes.com/products			
DISCLAIMER				
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.				

Table 1 - Affected Devices

2DA1201Y-7	DSS5160V-7	ZXTN19020CFFTA	ZXTN25020DGTA	ZXTP2012ASTZ
2DA2018-7	DSS5220V-7	ZXTN19020DFFTA	ZXTN25020DZTA	ZXTP2012GTA
2DB1714-13	DSS5240T-13	ZXTN19020DGTA	ZXTN25040DFHTA	ZXTP2012Z-13R
2DD2679-13	DSS5240T-7	ZXTN19020DZTA	ZXTN25040DFLTA	ZXTP2012ZTA
DSL12AW-7	DSS5240V-7	ZXTN19055DZTA	ZXTN25040DZTA	ZXTP2013GTA
DSS20200L-7	DSS5540X-13	ZXTN19060CFFTA	ZXTN25050DFHTA	ZXTP2013ZTA
DSS20201L-7	DSS60600MZ4-13	ZXTN19060CGTA	ZXTN25060BFHTA	ZXTP2014GTA
DSS2515M-7	DSS60601MZ4-13	ZXTN19100CFFTA	ZXTN25060BZTA	ZXTP2014ZTA
DSS2515M-7B	DSS8110Y-7	ZXTN19100CGTA	ZXTN25100BFHTA	ZXTP2025FTA
DSS2540M-7	DXT651-13	ZXTN19100CZTA	ZXTN25100DFHTA	ZXTP2027FTA
DSS2540M-7B	DXTN26070CY-13	ZXTN2005GTA	ZXTN25100DGTA	ZXTP2029FTA
DSS30101L-7	ZX5T1951GTA	ZXTN2005ZTA	ZXTN25100DZTA	ZXTP23015CFHTA
DSS3515M-7	ZX5T2E6TA	ZXTN2007GTA	ZXTN26020DMFTA	ZXTP23140BFHTA
DSS3515M-7B	ZX5T849GTA	ZXTN2007ZTA	ZXTN26070CV-7	ZXTP25012EFHTA
DSS3540M-7B	ZX5T851ASTZ	ZXTN2010GTA	ZXTN4002ZTA	ZXTP25012EZTA
DSS4140U-7	ZX5T851GTA	ZXTN2010Z-13R	ZXTN649FTA	ZXTP25020BFHTA
DSS4140V-7	ZX5T851GTC	ZXTN2010ZTA	ZXTP03200BGTA	ZXTP25020CFFTA
DSS4160DS-7	ZX5T853GTA	ZXTN2011GTA	ZXTP03200BZTA	ZXTP25020CFHTA
DSS4160T-7	ZX5T949GTA	ZXTN2011ZTA	ZXTP19020CFFTA	ZXTP25020DFHTA
DSS4160U-7	ZX5T951GTA	ZXTN2018FTA	ZXTP19020DFFTA	ZXTP25020DFLTA
DSS4160V-7	ZX5T951GTC	ZXTN2020FTA	ZXTP19020DGTA	ZXTP25020DGTA
DSS4220V-7	ZX5T953GTA	ZXTN2031FTA	ZXTP19020DZTA	ZXTP25020DZTA
DSS4240T-13	ZX5T955GTA	ZXTN23015CFHTA	ZXTP19060CFFTA	ZXTP25040DFHTA
DSS4240T-7	ZX5T955GTC	ZXTN25012EFHTA	ZXTP19060CGTA	ZXTP25040DFLTA
DSS4240V-7	ZX5T955ZTA	ZXTN25012EFLTA	ZXTP19060CZTA	ZXTP25040DZTA
DSS4240Y-7	ZXGD3001E6TA	ZXTN25012EZTA	ZXTP19100CFFTA	ZXTP25060BFHTA
DSS4320T-7	ZXGD3002E6TA	ZXTN25015DFHTA	ZXTP19100CGTA	ZXTP25100BFHTA
DSS45160FDB-7	ZXGD3004E6TA	ZXTN25020BFHTA	ZXTP19100CZTA	ZXTP25100CFHTA
DSS5140U-7	ZXT13P20DE6TA	ZXTN25020CFHTA	ZXTP2006E6TA	ZXTP25100CZTA
DSS5160FDB-7	ZXTC2061E6TA	ZXTN25020DFHTA	ZXTP2008GTA	ZXTP25140BFHTA
DSS5160T-7	ZXTC2062E6TA	ZXTN25020DFLTA	ZXTP2008ZTA	ZXTP749FTA
DSS5160U-7	ZXTC2063E6TA			