

DATE: August 28, 2025

PCN #: 2750

PCN Title: Qualification of Internal "Diodes Technology (Cheng Du) Company Limited" (CAT) as Additional Assembly & Test (A/T) Site with Standardization of Assembly Bill of Materials and Change of Lead Frame Type as well as Die Attach Material at Currently Qualified A/T Site for Select Discrete 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 notification by contacting your local Diodes sales representative. If you require samples for evaluation purposes, please submit a corresponding request within 30 days as well. Otherwise, samples may not be built prior to the implementation of the announced change(s).

The change(s) announced in this PCN will not be implemented prior to the target implementation date, i.e. 90 days from the stated notification date, unless Diodes receives written customer approval before that date.

Previously agreed upon customer specific product and/or process change requirements will be addressed separately.

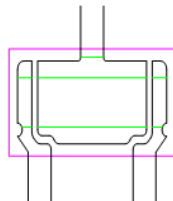
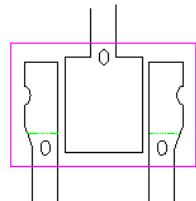
For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team

# PRODUCT CHANGE NOTICE

PCN-2750-REV1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
August 28, 2025	November 27, 2025	Discrete Semiconductor	Additional Assembly & Test Site / Assembly Bill of Materials	2750
TITLE				
Qualification of Internal "Diodes Technology (Cheng Du) Company Limited" (CAT) as Additional Assembly & Test (A/T) Site with Standardization of Assembly Bill of Materials and Change of Lead Frame Type as well as Die Attach Material at Currently Qualified A/T Site for Select Discrete Products				
DESCRIPTION OF CHANGE				
This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified internal "Diodes Technology (Cheng Du) Company Limited" (CAT) located in Chengdu, China as additional Assembly and Test (A/T) site for discrete products listed in the table 1 below. This A/T site change includes standardization of assembly bill of materials, i.e. die attach material, mold compound, bond wire and lead frame types with bare Cu or plated Cu at CAT.				
In addition, Diodes Incorporated has qualified a new lead frame type, SOT-23T, with plated Cu and die attach material at the currently qualified assembly and test site (CAT) for select discrete products listed in tables 2 and 3 below.				
Lead Frame Type	SOT-23R (Baseline)	SOT-23T (New Change)		
Lead Frame Drawing				
Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet.				
IMPACT				
Continuity of Supply. No change in datasheet electrical parameters and product performance. There will be no change to Fit or Function of products affected for the parts listed in Table 1. There will be no change to Form, Fit or Function of products affected for the parts listed in Table 2 and 3.				
PRODUCTS AFFECTED				
Please see the attached part list and top marking changes in the following tables: Table 1 – Affected part list to qualify CAT as additional A/T site with standardization of assembly bill of materials at CAT Table 2 – Affected Part List to Change Lead Frame Type and Die Attach Material at Currently Qualified A/T Site (CAT) Table 3 – Affected Part List to Change Die Attach Material at Currently Qualified A/T Site (CAT) Table 4 – Part Marking Format to Add CAT				
WEB LINKS				
Manufacturer's Notice:	<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>			
For More Information Contact:	<a href="https://www.diodes.com/about/contact-us/contact-sales/">https://www.diodes.com/about/contact-us/contact-sales/</a>			

Data Sheet:	<a href="https://www.diodes.com/catalog/">https://www.diodes.com/catalog/</a>
<b>DISCLAIMER</b>	
Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days from the notification date of this PCN, all changes described in this announcement are considered approved.	

**Table 1 - Affected Part List to qualify CAT as additional A/T Site with standardization of assembly bill of materials at CAT**

AZX84C2V7W-7-F*	BZX84C2V7W-7-F*	BZX84C8V2W-7-F*	DDZ9697S-7*	MMBZ5221BTS-7-F*	MMBZ5234BW-7-F*
BC807-40-13-F*	BZX84C3V0S-7-F*	BZX84C9V1S-7-F*	DDZ9698-7*	MMBZ5221BW-7-F*	MMBZ5235BS-7-F*
BC807-40-7-F*	BZX84C3V0TS-7-F*	BZX84C9V1W-7-F*	DDZ9701-7*	MMBZ5223BS-7-F*	MMBZ5235BTS-7-F*
BC848B-13-F*	BZX84C3V0W-7-F*	DDZ10B-7*	DDZ9V1B-7*	MMBZ5223BW-7-F*	MMBZ5235BW-7-F*
BZT52C2V0-7-F*	BZX84C3V3S-7-F*	DDZ10CS-7*	DN350T05-7*	MMBZ5225BS-7-F*	MMBZ5236BW-7-F*
BZT52C3V9-13-F*	BZX84C3V3TS-7-F*	DDZ11B-7*	DNBT8105-7**	MMBZ5225BTS-7-F*	MMBZ5237BS-7-F*
BZX84C10S-7-F*	BZX84C3V3W-7-F*	DDZ11CS-7*	DPBT8105-7**	MMBZ5225BW-7-F*	MMBZ5237BTS-7-F*
BZX84C10W-7-F*	BZX84C3V6S-7-F*	DDZ13BS-7*	DSS20200L-7**	MMBZ5226BS-7-F*	MMBZ5237BW-7-F*
BZX84C11S-7-F*	BZX84C3V6TS-7-F*	DDZ14B-7*	DSS5240T-13**	MMBZ5226BTS-7-F*	MMBZ5238BS-7-F*
BZX84C11W-7-F*	BZX84C3V6W-7-F*	DDZ14S-7*	DSS5240T-7**	MMBZ5226BW-7-F*	MMBZ5239BS-7-F*
BZX84C12S-7-F*	BZX84C3V9S-7-F*	DDZ15S-7*	FMMT458TA*	MMBZ5227BS-7-F*	MMBZ5239BTS-7-F*
BZX84C12W-7-F*	BZX84C3V9TS-7-F*	DDZ16-7*	FMMT458TC*	MMBZ5227BTS-7-F*	MMBZ5239BW-7-F*
BZX84C13S-7-F*	BZX84C3V9W-7-F*	DDZ19-7*	FMMT459TA*	MMBZ5227BW-7-F*	MMBZ5240BS-7-F*
BZX84C13W-7-F*	BZX84C4V3S-7-F*	DDZ20C-7*	FMMT558TA*	MMBZ5228BS-7-F*	MMBZ5240BTS-7-F*
BZX84C15S-7-F*	BZX84C4V3TS-7-F*	DDZ20CS-7*	FMMT558TC*	MMBZ5228BW-7-F*	MMBZ5240BW-7-F*
BZX84C15W-7-F*	BZX84C4V3W-7-F*	DDZ22D-7*	FMMT560TA*	MMBZ5229BS-7-F*	MMBZ5241BS-7-F*
BZX84C16S-7-F*	BZX84C4V7S-7-F*	DDZ23-7*	FMMT560TC*	MMBZ5229BTS-7-F*	MMBZ5241BW-7-F*
BZX84C16W-7-F*	BZX84C4V7TS-7-F*	DDZ24C-7*	FMMT597TA*	MMBZ5229BW-7-F*	MMBZ5242BS-7-F*
BZX84C18S-7-F*	BZX84C4V7W-7-F*	DDZ26-7*	FMMT6517TA*	MMBZ5230BS-7-F*	MMBZ5242BTS-7-F*
BZX84C18W-7-F*	BZX84C5V1S-7-F*	DDZ27D-7*	FMMT6520TA*	MMBZ5230BTS-7-F*	MMBZ5242BW-7-F*
BZX84C20S-7-F*	BZX84C5V1TS-7-F*	DDZ5V1B-7*	FMMTA42TA*	MMBZ5230BW-7-F*	MMBZ5243BS-7-F*
BZX84C20W-7-F*	BZX84C5V1W-7-F*	DDZ6V8B-7*	FMMTA42TC*	MMBZ5231BS-7-F*	MMBZ5243BTS-7-F*
BZX84C22S-7-F*	BZX84C5V6TS-7-F*	DDZ6V8C-7*	MMBT4403-7-F*	MMBZ5231BTS-7-F*	MMBZ5243BW-7-F*
BZX84C22W-7-F*	BZX84C5V6W-7-F*	DDZ7V5B-7*	MMBT5401-7-F*	MMBZ5231BW-7-F*	MMBZ5245BS-7-F*
BZX84C24S-7-F*	BZX84C6V2S-7-F*	DDZ7V5CS-7*	MMBT5551-7-F*	MMBZ5232BS-7-F*	MMBZ5245BTS-7-F*
BZX84C24W-7-F*	BZX84C6V2TS-7-F*	DDZ8V2CS-7*	MMBT6427-7-F*	MMBZ5232BTS-7-F*	MMBZ5245BW-7-F*
BZX84C27S-7-F*	BZX84C6V2W-7-F*	DDZ9683-7*	MMBTA28-7-F*	MMBZ5232BW-7-F*	MMBZ5246BS-7-F*
BZX84C2V4S-7-F*	BZX84C6V8S-7-F*	DDZ9688-7*	MMBTA42-7-F*	MMBZ5233BS-7-F*	MMBZ5246BTS-7-F*
BZX84C2V4TS-7-F*	BZX84C6V8W-7-F*	DDZ9689-7*	MMBTA56-7-F*	MMBZ5233BTS-7-F*	MMBZ5246BW-7-F*
BZX84C2V4W-7-F*	BZX84C7V5S-7-F*	DDZ9689S-7*	MMBTA92-7-F*	MMBZ5233BW-7-F*	MMBZ5248BS-7-F*
BZX84C2V7S-7-F*	BZX84C7V5W-7-F*	DDZ9691-7*	MMBTH10-7-F*	MMBZ5234BS-7-F*	MMBZ5248BTS-7-F*
BZX84C2V7TS-7-F*	BZX84C8V2S-7-F*	DDZ9692-7*	MMBZ5221BS-7-F*	MMBZ5234BTS-7-F*	MMBZ5248BW-7-F*

**Table 1 - Affected Part List to qualify CAT as additional A/T Site with standardization of assembly bill of materials at CAT (Cont.)**

MMBZ5250BS-7-F*	MMSZ5227B-7-F*	MMSZ5235BS-7-F*	MMSZ5245BS-7-F*	UDZ5V6B-7*	ZXMN10A25GTA
MMBZ5250BTS-7-F*	MMSZ5227BS-7-F*	MMSZ5236B-7-F*	MMSZ5246B-7-F*	ZVN2106GTA*	ZXMN6A08GTA
MMBZ5250BW-7-F*	MMSZ5228B-7-F*	MMSZ5236BS-7-F*	MMSZ5246BS-7-F*	ZVN2110GTA*	ZXMN6A25GTA
MMBZ5251BS-7-F*	MMSZ5228BS-7-F*	MMSZ5237B-7-F*	MMSZ5248B-7-F*	ZVN4206GTA*	ZXMN7A11GTA
MMBZ5251BTS-7-F*	MMSZ5229B-7-F*	MMSZ5237BS-7-F*	MMSZ5248BS-7-F*	ZVN4206GTC*	ZXMP10A17GTA**
MMBZ5251BW-7-F*	MMSZ5229BS-7-F*	MMSZ5238B-7-F*	MMSZ5250B-7-F*	ZVN4206GVTA*	ZXMS6004DGTA*
MMBZ5252BS-7-F*	MMSZ5230B-7-F*	MMSZ5238BS-7-F*	MMSZ5250BS-7-F*	ZVN4210GTA*	ZXMS6004FFTA*
MMBZ5252BW-7-F*	MMSZ5230BS-7-F*	MMSZ5239B-7-F*	MMSZ5251B-7-F*	ZVN4306GTA	ZXMS6004SGTA*
MMBZ5254BS-7-F*	MMSZ5231B-13-F*	MMSZ5239BS-7-F*	MMSZ5251BS-7-F*	ZVN4306GVTA	ZXMS6005DGTA*
MMBZ5254BTS-7-F*	MMSZ5231B-7-F*	MMSZ5240B-7-F*	MMSZ5252B-13-F*	ZVN4310GTA	ZXMS6005SGTA*
MMSZ5221B-7-F*	MMSZ5231BS-7-F*	MMSZ5240BS-7-F*	MMSZ5252B-7-F*	ZVN4424GTA*	ZXMS6006DGTA*
MMSZ5221BS-7-F*	MMSZ5232B-7-F*	MMSZ5241B-7-F*	MMSZ5252BS-7-F*	ZVNL110GTA*	ZXMS6006SGTA*
MMSZ5223B-7-F*	MMSZ5232BS-7-F*	MMSZ5241BS-7-F*	MMSZ5254B-7-F*	ZVNL120GTA*	ZXTN25100DFHTA**
MMSZ5223BS-7-F*	MMSZ5233B-7-F*	MMSZ5242B-7-F*	MMSZ5254BS-7-F*	ZVP2106GTA*	ZXTN4240F-7**
MMSZ5225B-7-F*	MMSZ5233BS-7-F*	MMSZ5242BS-7-F*	UDZ11B-7*	ZVP2110GTA*	ZXTP2041FTA*
MMSZ5225BS-7-F*	MMSZ5234B-7-F*	MMSZ5243B-7-F*	UDZ12B-7*	ZVP2120GTA*	ZXTP25060BFHTA**
MMSZ5226B-7-F*	MMSZ5234BS-7-F*	MMSZ5243BS-7-F*	UDZ13B-7*	ZVP4525GTA*	ZXTP5240F-7**
MMSZ5226BS-7-F*	MMSZ5235B-7-F*	MMSZ5245B-7-F*			

Note: "\*\*" Change bond wire from Au to PdCu at CAT  
 Note: "\*\*\*" Change bond wire from Au to Cu at CAT

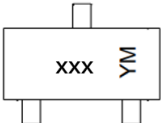
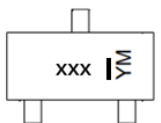
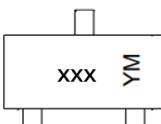
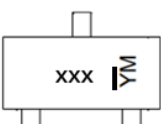
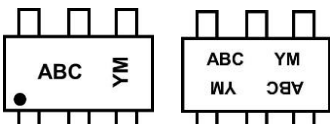
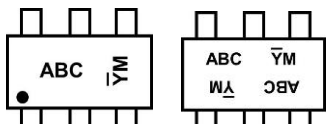
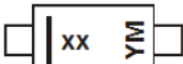
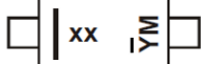
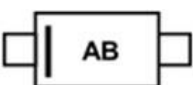

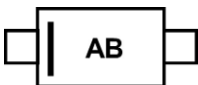
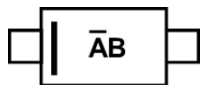

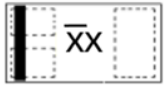
**Table 2 - Affected Part List to Change Lead Frame Type and Die Attach Material at Currently Qualified A/T Site (CAT)**

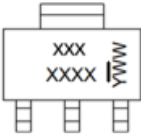
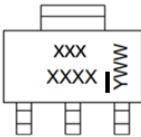
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DMG2301U-7	DMG3404L-7	DMN10H220L-13	DMP2065U-13	DMP3068L-7	SM05-7
DMG2302U-7	DMG3406L-13	DMN2046U-13	DMP2065U-7	DMP3097L-7	ZXMN3F30FHTA
DMG2305UX-13	DMG3406L-7	DMN2046U-7	DMP3056L-13	DMP4065S-13	ZXMP3F30FHTA
DMG2305UX-7	DMG3418L-13	DMN3042L-13	DMP3056L-7		

**Table 3 – Affected Part List to Change Die Attach Material at Currently Qualified A/T Site (CAT)**

DMT3009UDT-7					
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**Table 4: Marking Code Format –**

Package Type	SAT (Diodes Internal AT site Shanghai, China) - Baseline	CAT (Diodes Internal AT Site Chengdu, China) - Change Add bar “-” above Y (Year date code) or above first character of product type marking code for CAT site
	Marking format example	Marking format example
SOT-23/SSOT-23		
SOT-323		
SOT-363		
SOD-123		
SOD-323		
SOD-523		
DFN1006H4-3		

Package Type	NAT (Diodes Internal AT site Neuhaus, Germany) - Baseline Add bar "-" above W (Week date code) for NAT site	CAT (Diodes Internal AT Site Chengdu, China) - Change Add bar "-" above Y (Year date code) for CAT site
	Marking format example	Marking format example
SOT-223		
SOT-23F	