



DATE: 19 September, 2023

PCN #: 2638

PCN Title: Qualification of Internal "Diodes Technology (Cheng Du) Company Limited" (CAT) as Additional Assembly & Test Site with Standardization of Assembly Bill of Materials at CAT 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 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-2638 REV 1**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
19 September, 2021	19 December, 2023	Discrete	Additional Assembly & Test Site / Assembly Bill of Materials	2638
TITLE				
Qualification of Internal "Diodes Technology (Cheng Du) Company Limited" (CAT) as Additional Assembly & Test Site with Standardization of Assembly Bill of Materials at CAT for Select Discrete Products				
DESCRIPTION OF CHANGE				
<p>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 site for discrete products listed in the table below. Some select products are also subject to standardization of assembly bill of materials including mold compound and lead frame types at CAT.</p> <p>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.</p> <p>There will be no change to Fit or Function of products affected.</p>				
IMPACT				
Continuity of Supply. No change in datasheet electrical parameters and product performance.				
PRODUCTS AFFECTED				
Please see the attached part list and top marking changes in 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 – Marking code format for affected packages				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	https://www.diodes.com/about/contact-us/contact-sales/			
Data Sheet:	https://www.diodes.com/catalog/			
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 Part List to qualify CAT as additional A/T Site with standardization of assembly bill of materials at CAT

DMP10H400SE-13	FMMT491ATA*	FMMT493TA*	FMMT495TC*	FMMT555TA**	FMMT591TA*
FMMT449TA*	FMMT491ATC*	FMMT493TC*	FMMT497TA**	FMMT555TC*	FMMT593TA**
FMMT451TA*	FMMT491TA*	FMMT494TA*	FMMT549ATA*	FMMT589TA**	FMMT593TC*
FMMT455TA*	FMMT491TC*	FMMT494TC*	FMMT549TA**	FMMT591ATA**	FMMT596TA*
FMMT489TA*	FMMT493ATA*	FMMT495TA*	FMMT551TA*	FMMT591ATC*	MMDT2222V-7**

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

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

Table 2: Marking Code Format –

SOT-23

SAT (Diodes Internal Assembly & Test site Shanghai, China)	CAT (Diodes Internal Assembly & Test Site Chengdu, China) Add bar "-" above Year date code for CAT site
Marking format example	Marking format example

SOT-223

SAT (Diodes Internal Assembly & Test site Shanghai, China)	CAT (Diodes Internal Assembly & Test Site Chengdu, China) Add bar "-" above Year date code for CAT site
Marking format example	Marking format example

SOT-323

SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) Add bar "-" above Year date code for CAT site
Marking format example	Marking format example

SOT-563

SAT (Diodes Internal AT site Shanghai, China)	CAT (Diodes Internal AT Site Chengdu, China) <i>Add bar "-" above Year date code for CAT site</i>
Marking format example	Marking format example
	
	