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DATE: 29<sup>th</sup> June, 2021

PCN #: 2518

PCN Title: Qualification of Additional Diodes Internal Assembly & Test Site (SAT)

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-2518 REV 1**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
29 <sup>th</sup> June, 2021	29 <sup>th</sup> September, 2021	Discrete Semiconductors	Additional Assembly & Test Site / Part Marking	<b>2518</b>
<b>TITLE</b>				
Qualification of Additional Diodes Internal Assembly & Test (A/T) Site (SAT)				
<b>DESCRIPTION OF CHANGE</b>				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified internal assembly and test site (SAT) located in Shanghai, China as an additional A/T site for select products listed below.</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 qual report).</p>				
<b>IMPACT</b>				
Continuity of Supply. There will be no change to the Form, Fit or Function of products affected, unless specifically indicated, (i.e. packages will have marking and package outline dimension (POD) changes as outlined in the tables below). No change in datasheet electrical parameters and product performance.				
<b>PRODUCTS AFFECTED</b>				
Please see the attached parts list in Table 1 below: Table 1 – Affected Parts List to add SAT as additional A/T site Table 2 – Part Marking Format Table 3 – Package Outline Dimension (POD) Changes				
<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="http://www.diodes.com/products/">http://www.diodes.com/products/</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 Part List to add SAT as additional A/T site					
DGD0506FN-7	DGD05473FN-7	DGD0590AFU-7			

**Table 2: Part Marking Format for both DFN3030-10 and QFN3030-8 Packages**

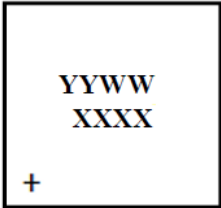
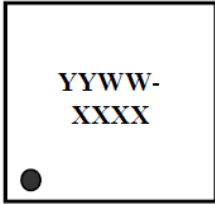
Baseline: HTKJ (China)	Additional: SAT (Diodes Internal A/T site Shanghai, China) Add “-” after W for SAT site Change pin 1 identifier from + to ‘DOT’ for SAT site
Marking format example	Marking format example
	

Table 3 – Package outline dimension (POD) changes – DFN3030-10 and QFN3030-8

Package	From : Before	Change To : After																																																																																																																								
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Notes:

- 1) Body height (A): 0.70~0.80mm revised to 0.70~0.85mm
- 2) Body height (A): typical 0.75mm revised to 0.80mm
- 3) Lead height (A3): typical 0.200mm revised to 0.203mm and removed Min and Max

Table 3 – Package outline dimension (POD) changes – cont.

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