



**PRODUCT CHANGE NOTICE**

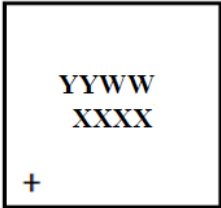
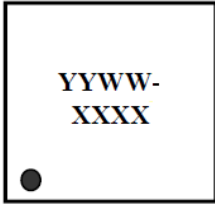
**PCN-2518 REV 1**

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

<b>Baseline: HTKJ (China)</b>	<b>Additional: SAT (Diodes Internal A/T site Shanghai, China)</b> 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**

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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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