



PRODUCT CHANGE NOTICE**PCN-2557 REV 1**

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
1 December, 2022	1 March, 2023	Discrete Semiconductors	Additional Assembly & Test Site / Part Marking / POD	2557
TITLE				
Qualification of Additional Diodes Internal Assembly & Test Site (SAT)				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified internal assembly and test (A/T) site (SAT) located in Shanghai, China as an additional A/T site for select products listed below.</p> <p>The package will have marking and package outline dimension (POD) changes as listed in the tables below. No change in datasheet parameters and product performance.</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>				
IMPACT				
Continuity of Supply. There will be no change to the Function of products affected.				
PRODUCTS AFFECTED				
Please see the attached part lists in Table 1 below: Table 1 – Affected part list to add SAT as additional A/T site Table 2 – Part marking format Table 3 – Package outline dimensions (POD) changes				
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 add SAT as additional A/T site					
DGD2003S8-13	DGD2181MS8-13	DGD2184MS8-13	DGD2190MS8-13		

Table 2: Part marking format

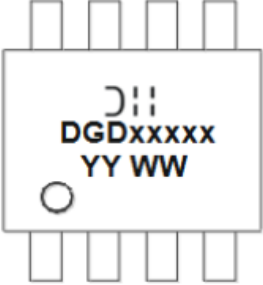

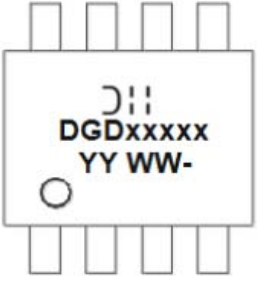

Baseline: TSHT (China)	Additional A/T site SAT (Diodes Internal A/T site Shanghai, China) Add “-” after W for SAT site
Marking format example	Marking format example
 <p style="text-align: center;">  DGDxxxxx YY WW </p>	 <p style="text-align: center;">  DGDxxxxx YY WW- </p>

Table 3 – Package outline dimension (POD) changes

Package	From : Before				Change To : After			
	Dim	Min	Max	Typ	Dim	Min	Max	Typ
SO8	SO-8 (Type TH)				SO-8 (Standard)			
	A	--	1.75	--	A	--	1.75	--
	A1	0.10	0.225	--	A1	0.10	0.250	--
	A2	1.30	1.50	1.40	A2	1.25	1.65	--
	A3	0.60	0.70	0.65	A3	0.50	0.70	--
	b	0.39	0.47	--	b	0.30	0.51	--
	c	0.20	0.24	--	c	0.15	0.25	--
	D	4.80	5.00	4.90	D	4.80	5.00	--
	E	5.80	6.20	6.00	E	5.80	6.20	6.00
	E1	3.80	4.00	3.90	E1	3.80	4.00	--
	e	--	--	1.27	e	--	--	1.27
	h	0.25	0.50	--	h	0.25	0.50	--
	L	0.50	0.80	--	L	0.45	0.82	--
	L1	--	--	1.05	L1	--	--	--
	Ø	0	8	--	Ø	0	8	--
Package Dimension	SO-8 (Standard)							