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DATE: 21 October, 2020

PCN #: 2480

PCN Title: Additional Qualified (AT) Assembly Test Site - SIMAT

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-2480 REV 1**

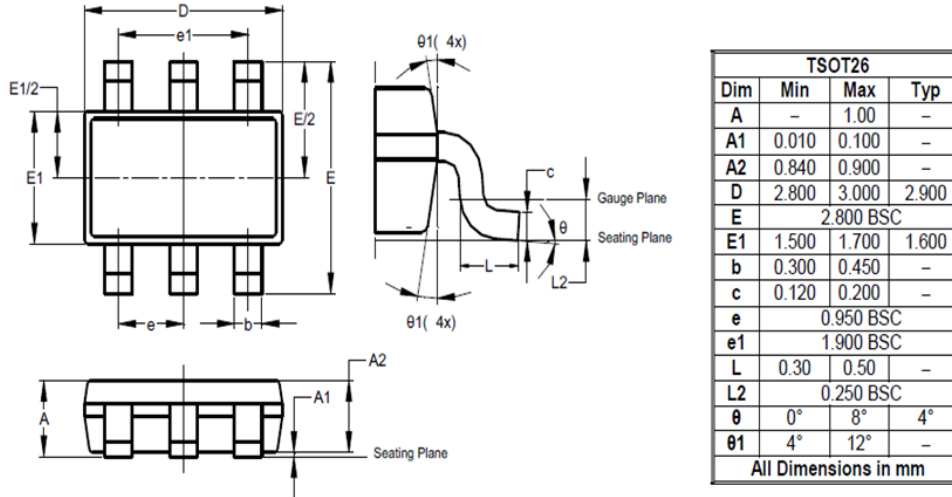
Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
21 October, 2020	21 January, 2021	Analog Semiconductors	Additional Qualified (AT) Assembly Test Site SIMAT	<b>2480</b>
TITLE				
Additional Qualified (AT) Assembly Test Site SIMAT				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified an additional AT site (SIMAT) located in Shanghai China.</p> <p>Full electrical characterization and high reliability testing has been completed to ensure there is no change to device functionality or electrical specifications in the datasheet. Refer to the attached qualification / reliability report (embedded in this file).</p> <p>Package Outline Differences are listed in Table 1A.</p>				
IMPACT				
Continuity of Supply. No change in data sheet electrical parameters and product performance.				
PRODUCTS AFFECTED				
<p>Table 1 - Additional Qualified AT Site (SIMAT)</p> <p>Table 1A – Package Outline Dimension (POD) Comparison SAT (current site) vs. SIMAT (new site)</p>				
WEB LINKS				
<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="http://www.diodes.com/contacts">http://www.diodes.com/contacts</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/products">http://www.diodes.com/products</a>			
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 - Additional Qualified AT Site (SIMAT)					
AP3401KTTR-G1	AP3428AKTTR-G1	AP3428KTTR-G1			

Table: 1A - Package Outline Dimension (POD) Comparison SAT vs. SIMAT

Dimension	Old A/T site SAT	New A/T site SIMAT	Pkg Type
D	Min 2.8 mm, Max 3.0 mm, Typ. 2.9mm	Min 2.82mm, Max 3.02mm, Normal 2.92mm	TSOT23-5/TSOT23-6
E	2.8mm BSC	2.8mm Normal	TSOT23-5/TSOT23-6
A2	Min 0.84mm, Max 0.90mm	Min 0.70mm, Max 0.80mm	TSOT23-5/TSOT23-6

SAT TSOT23-6 POD



SIMAT TSOT23-6 POD

