



DATE: 13th January, 2021

PCN #: 2501

PCN Title: Qualified Additional A/T Sites and Bill of Materials (BOM)

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-2501 REV 1

Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
13 th January, 2021	13 th April, 2021	Analog Semiconductors	Qualified Additional A/T Sites	2501
TITLE				
Qualified Additional A/T Sites				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified additional Assembly/Test (A/T) Sites, Diodes Internal A/T site (CAT) located in Chengdu, China and HuaTian Technology (Kunshan) Electronics Co. Ltd (HTKS) located in KunShan, Jiangsu, China.</p> <p>Full electrical characterization and high reliability testing has been completed on representative products to ensure there is 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> <p>The package outline drawing (POD) is updated to accommodate minimum and maximum limits of dimensions across both assembly sites.</p>				
IMPACT				
Continuity of Supply. No change in data sheet electrical parameters and product performance.				
PRODUCTS AFFECTED				
Table 1 - Qualified Additional A/T Site (CAT) Table 2 - Qualified Additional A/T Site (HTKS) Table 3 – New Package Outline Drawing (POD) Table				
WEB LINKS				
Manufacturer's Notice:	https://www.diodes.com/quality/product-change-notices/diodes-product-change-notices/			
For More Information Contact:	http://www.diodes.com/contacts			
Data Sheet:	http://www.diodes.com/products			
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 - Qualified Additional A/T Site (CAT)

AP62150WU-7	AP62200TWU-7	AP62200WU-7	AP62201WU-7	AP62250WU-7	AP62300TWU-7
AP62300WU-7	AP62301WU-7				

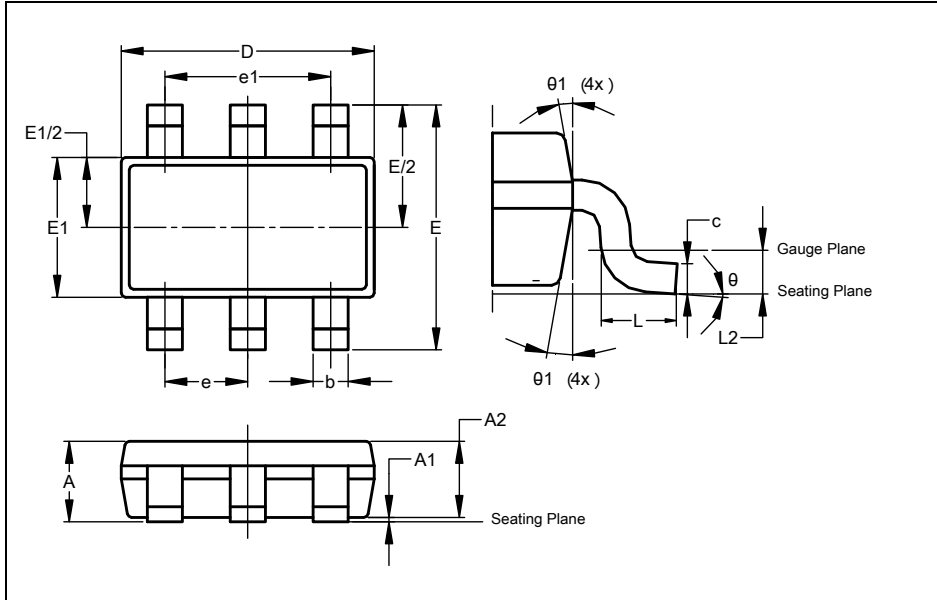
Table 2 - Qualified Additional A/T Site (HTKS)

AP62150WU-7	AP62150Z6-7	AP62200TWU-7	AP62200WU-7	AP62200Z6-7	AP62201WU-7
AP62201Z6-7	AP62250WU-7	AP62250Z6-7	AP62300TWU-7	AP62300WU-7	AP62300Z6-7
AP62301WU-7	AP62301Z6-7				

Table 3

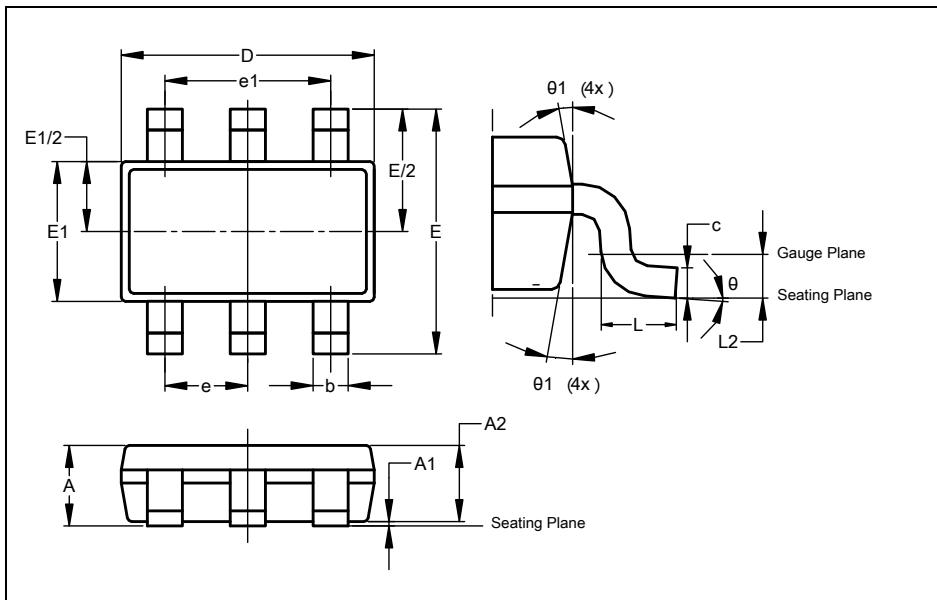
TSOT26 Changes:

Current Package Outline Drawing (POD)



TSOT26			
Dim	Min	Max	Typ
A	-	1.00	-
A1	0.010	0.100	-
A2	0.840	0.900	-
D	2.80	3.000	2.900
E	2.800 BSC		
E1	1.500	1.700	1.600
b	0.300	0.450	-
c	0.120	0.200	-
e	0.950 BSC		
e1	1.900 BSC		
L	0.30	0.50	-
L2	0.250 BSC		
θ	0°	8°	4°
θ1	4°	12°	-
All Dimensions in mm			

New Package Outline Drawing (POD)



TSOT26			
Dim	Min	Max	Typ
A	-	1.00	-
A1	0.010	0.100	-
A2	0.75	0.900	-
D	2.70	3.100	2.90
E	2.800 BSC		
E1	1.500	1.700	1.600
b	0.300	0.450	-
c	0.120	0.200	-
e	0.950 BSC		
e1	1.900 BSC		
L	0.30	0.50	-
L2	0.250 BSC		
θ	0°	8°	4°
θ1	4°	12°	-
All Dimensions in mm			

Summary of Changes:

The minimum value of Dimension A2 decreased from 0.84mm to 0.75mm.
 The minimum value of Dimension D decreased from 2.8mm to 2.7mm while its maximum value increased from 3.0mm to 3.1mm.