



DATE: 28 June, 2017

PCN #: 2246

PCN Title: Additional Qualified Assembly/Test (A/T) Site – Chengdu A/T (CAT) with Part Marking Update

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



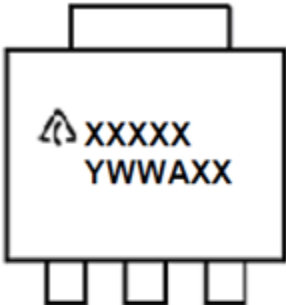
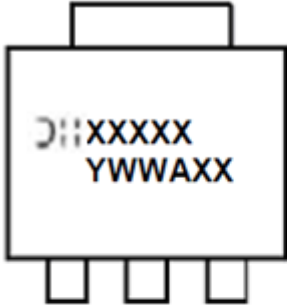


PRODUCT CHANGE NOTICE**PCN-2246 REV 1**


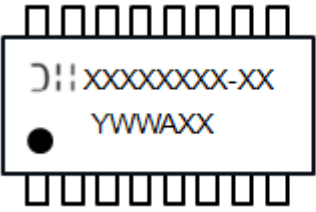


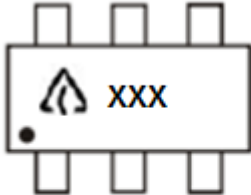
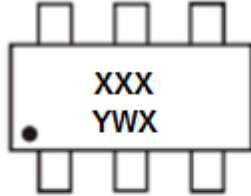
Notification Date:	Implementation Date:	Product Family:	Change Type:	PCN #:
28 June, 2017	28 September, 2017	Analog Semiconductors	Additional A/T Site	2246
TITLE				
Additional Qualified Assembly/Test (A/T) Site – Chengdu A/T (CAT) with Part Marking Update				
DESCRIPTION OF CHANGE				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified an additional A/T Site (CAT) in Chengdu, China. Associated part marking will also be updated (adding date codes, and/or changing/removing the logo) as indicated in Table 2 below.</p> <p>Full electrical characterization and high reliability testing has been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. See attached qualification/reliability reports.</p> <p>Please contact your local Diodes representatives for any questions or additional information.</p>				
IMPACT				
There will be no change to the Fit, or Function of affected products.				
PRODUCTS AFFECTED				
<p>Please see the following tables below:</p> <p>Table 1 – Parts With Addition of Assembly and Test Site at Chengdu, China (CAT) Table 2 – Updated part marking.</p>				
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.html			
Data Sheet:	http://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.				

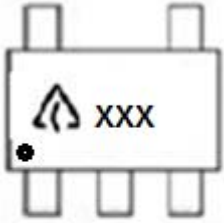
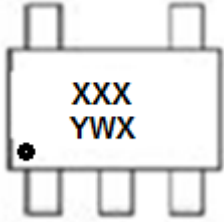
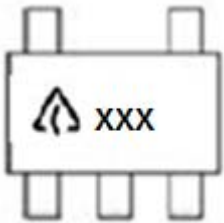
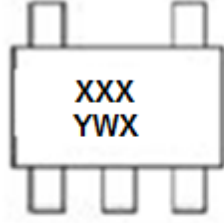
Table 1 – Parts With Addition of Assembly and Test Site at Chengdu, China (CAT)

AP2111K-ADJTRG1	AP2139AK-2.5TRG1	AP3015AKTR-G1	AP3602AKTR-G1	AP4370KTR-G1	AZ1117CR-5.0TRG1
AP2112K-1.2TRG1	AP2139AK-2.8TRG1	AP3015KTR-G1	AP3762BK6TR-G1	APR343KTR-G1	AZ1117CR-ADJTRG1
AP2112K-1.8TRG1	AP2139AK-3.0TRG1	AP3019AKTR-G1	AP3770AK6TR-G1	AS321KTR-G1	AZ1117EH-1.5TRG1
AP2112K-2.5TRG1	AP2139AK-3.3TRG1	AP3031KTR-AG1	AP3770BK6TR-G1	AS324AMTR-E1	AZ1117EH-1.8TRG1
AP2112K-3.3TRG1	AP2160KTR-G1	AP3031KTR-G1	AP3770BNK6TR-G1	AS324AMTR-G1	AZ1117EH-2.5TRG1
AP2113KTR-G1	AP2202K-2.5TRG1	AP3032KTR-G1	AP3770BPK6TR-G1	AS324MTR-E1	AZ1117EH-3.3TRG1
AP2121AK-1.2TRE1	AP2202K-2.8TRE1	AP3039AMTR-G1	AP3771AK6TR-BG1	AS324MTR-G1	AZ1117EH-5.0TRG1
AP2121AK-1.3TRE1	AP2202K-3.0TRE1	AP3039MTR-G1	AP3771B1K6TR-G1	AS339AMTR-E1	AZ1117H-1.2TRE1
AP2121AK-1.5TRE1	AP2202K-3.0TRG1	AP3041MTR-G1	AP3771BK6TR-BG1	AS339AMTR-G1	AZ1117H-1.2TRG1
AP2121AK-1.8TRE1	AP2202K-3.3TRE1	AP3103AKTR-G1	AP3771BK6TR-DG1	AS339MTR-E1	AZ1117H-1.5TRG1
AP2121AK-1.8TRG1	AP2202K-3.3TRG1	AP3105CVKTR-G1	AP3771BK6TR-G1	AS339MTR-G1	AZ1117H-1.8TRE1
AP2121AK-2.5TRE1	AP2202K-5.0TRG1	AP3105HAKTR-G1	AP3771CK6TR-G1	AS431AKTR-E1	AZ1117H-1.8TRG1
AP2121AK-2.5TRG1	AP2202K-ADJTRE1	AP3105KTR-G1	AP3772AK6TR-AG1	AS431AKTR-G1	AZ1117H-2.5TRE1
AP2121AK-2.8TRE1	AP2202K-ADJTRG1	AP3105NAKTR-G1	AP3772AK6TR-G1	AS431ARTR-E1	AZ1117H-2.5TRG1
AP2121AK-2.8TRG1	AP2202R-3.3TRE1	AP3105NVKTR-G1	AP3772AK6TR-G1-2	AS431ARTR-G1	AZ1117H-3.3TRE1
AP2121AK-3.0TRG1	AP2204K-1.8TRG1	AP3105RKTR-G1	AP3772ANK6TR-G1-2	AS431BRTR-E1	AZ1117H-5.0TRE1
AP2121AK-3.2TRE1	AP2204K-2.5TRG1	AP3105VKTR-G1	AP3772APK6TR-G1-2	AS431BRTR-G1	AZ1117H-5.0TRG1
AP2121AK-3.3TRE1	AP2204K-2.8TRG1	AP3125AKTR-G1	AP3772BK6TR-AG1	AS78L05RTR-E1	AZ1117H-ADJTRE1
AP2121AK-3.3TRG1	AP2204K-3.0TRG1	AP3125B1KTR-G1	AP3772BK6TR-AG1	AS78L05RTR-E1-LY	AZ1117H-ADJTRG1
AP2125AK-3.0TRG1	AP2204K-3.3TRG1	AP3125BKTR-G1	AP3772BK6TR-G1	AS78L05RTR-G1	AZ1117IH-1.2TRG1
AP2125AK-3.3TRG1	AP2204R-2.5TRG1	AP3125BKTR-G1	AP3772BK6TR-G1-2	AS78L05RTR-G1-01	AZ1117IH-1.8TRG1
AP2125K-3.0TRG1	AP2204R-3.0TRG1	AP3125CMKTR-G1	AP3772HBK6TR-DG1	AS78L12RTR-G1	AZ1117IH-3.3TRG1
AP2125K-3.3TRE1	AP2204R-3.3TRG1	AP3125HAKTR-G1	AP3772HBK6TR-G1	AS78L15RTR-E1	AZ1117IH-5.0TRG1
AP2125K-4.2TRG1	AP2204R-5.0TRG1	AP3125HBKTR-G1	AP3772HCK6TR-GA	AS78L15RTR-G1	AZ1117IH-ADJTRG1
AP2126K-ADJTRG1	AP2204RA-3.3TRG1	AP3125LKTR-G1	AP4305KTR-G1	AZ1117BH-1.2TRE1	AZ1117R-1.8TRE1
AP2127K-1.0TRG1	AP2204RA-5.0TRG1	AP3125RKTR-G1	AP4305UKTR-G1	AZ1117BH-ADJTRE1	AZ1117R-3.3TRE1
AP2127K-1.2TRG1	AP2204RB-3.3TRG1	AP3125STKTR-G1	AP4306AKTR-AG1	AZ1117CH-1.2TRG1	AZ1117R-5.0TRE1
AP2127K-1.5TRG1	AP2204RB-5.0TRG1	AP3125VKTR-G1	AP4306AKTR-G1	AZ1117CH-1.5TRG1	AZ1117R-ADJTRE1
AP2127K-2.5TRG1	AP2210K-2.5TRE1	AP31261KTR-G1	AP4306BKTR-E1	AZ1117CH-1.8TRG1	AZ1117R-ADJTRG1
AP2127K-2.8TRG1	AP2210K-2.8TRG1	AP3127HKTR-G1	AP4306BKTR-G1	AZ1117CH-2.5TRG1	AZ431AR-ATRE1
AP2127K-3.0TRG1	AP2210K-3.0TRG1	AP3127KTR-G1	AP4306CKTR-G1	AZ1117CH2-5.0TRG1	AZ431BR-ATRE1
AP2127K-3.3TRG1	AP2210K-3.3TRE1	AP3211KTR-G1	AP4306DUKTR-G1	AZ1117CH-3.3TRG1	AZ431LAKTR-G1
AP2127K-4.2TRG1	AP2210K-3.3TRG1	AP3407AKTR-G1	AP4312K6TR-G1	AZ1117CH-5.0TRG1	AZ431LARTR-G1
AP2127R-3.3TRG1	AP2210K-5.0TRG1	AP3410KTR-G1	AP4312QK6TR-G1	AZ1117CH-ADJTRG1	AZ431LBKTR-G1
AP2128K-3.3TRG1	AP2210K-ADJTRG1	AP3417AKTR-G1	AP4313KTR-G1	AZ1117CR-1.2TRG1	AZ431LBRTR-G1
AP2129K-1.2TRG1	AP2502KTR-G1	AP3417BK-ADJTRG1	AP4313UKTR-G1	AZ1117CR-1.8TRG1	AZ432ARTR-E1
AP2129K-ADJTRG1	AP2821KTR-G1	AP3417CKTR-G1	AP431IARTR-G1	AZ1117CR-2.5TRG1	AZ432BRTR-E1
AP2139AK-1.2TRG1	AP3012KTR-E1	AP3417MKTR-G1	AP431IBRTR-G1	AZ1117CR2-3.3TRG1	AZ432BRTR-G1
AP2139AK-1.5TRG1	AP3012KTR-G1	AP3418KTR-G1	AP4320AK6TR-G1	AZ1117CR2-5.0TRG1	AZ7027RTR-E1
AP2139AK-1.8TRG1	AP3012UKTR-E1	AP3602AKTR-E1	AP4320BK6TR-G1	AZ1117CR-3.3TRG1	AZ7029RTR-E1

Table 1 – Parts With Addition of Assembly and Test Site at Chengdu, China (CAT), Continued					
AZ7033RTR-E1	AZ7500CMTR-EA	AZV321KTR-E1	GP100HBK6TR-G1	LX7104ISF-TR	SP6260GEK-L/TR
AZ7033RTR-G1	AZ78L05RTR-E1	AZV321KTR-G1	GP300HAK6TR-G1	LX7172ISE-TR	SP6699EK-L/TR
AZ7042RTR-E1	AZ78L05RTR-G1	AZV331KTR-E1	GP330AK6TR-G1	LX8213-12ISE-TR	SPX431AM1-L/TR
AZ7042RTR-G1	AZ78L09RTR-E1	GP100H3AK6TR-G1	GPR343KTR-G1	SP6260AEK-L/TR	XRP431LES5TRR3-F
AZ7045RTR-G1	AZ78L09RTR-G1	GP100HAK6TR-G1	HL3051MTR-G1	SP6260DEK-L/TR	

Table 2 – Updated Part Marking		
Package	Current Part Marking	New Part Marking
Analog SOT-223	 <p>First Line: Logo and Marking ID(See Ording Information) Second Line: Date Code Y: Year WW: Work Week A: Assembly House Code XX: ID Code</p>	 <p>First Line: Logo and Marking ID(See Ording Information) Second Line: Date Code Y: Year WW: Work Week A: Assembly House Code XX: ID Code</p>
Analog SOIC-14	 <p>First Line: Logo and Marking ID(See Ording Information) Second Line: Date Code Y: Year WW: Week Code A: Assembly Site Code XX: ID Code</p>	 <p>First Line: Logo and Marking ID(See Ording Information) Second Line: Date Code Y: Year WW: Week Code A: Assembly Site Code XX: ID Code</p>

<p>Analog SOIC-16</p>	 <p>First Line: Logo and Marking ID(See Ording Information) Second Line: Date Code Y:Year WW:Week Code A:Assembly Site Code XX:ID Code</p>	 <p>First Line: Logo and Marking ID(See Ording Information) Second Line: Date Code Y:Year WW:Week Code A:Assembly Site Code XX:ID Code</p>
<p>Analog SOT89-3L</p>	 <p>First Line: Logo and Marking ID (See Ordering Information) Y:Year WW:Week code A:Assembly House Code XX:ID Code</p>	 <p>First Line: Marking ID (See Ordering Information) Y:Year WW:Week code A:Assembly House Code XX:ID Code</p>
<p>Analog SOT-26</p>	 <p>XXX:Marking ID (See Ordering Information)</p>	 <p>XXX:Marking ID (See Ordering Information) Y:Year W:Week Code X:ID Code</p>

<p>Analog SOT-25 (For AP9101)</p>	 <p>XXX: Marking ID (See Ordering Information)</p>	 <p>XXX: Marking ID (See Ordering Information) Y: Year W: Week Code X: ID Code</p>
<p>Analog SOT-25</p>	 <p>XXX: Marking ID (See Ordering Information)</p>	 <p>XXX: Marking ID (See Ordering Information) Y: Year W: Week Code X: ID Code</p>