



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



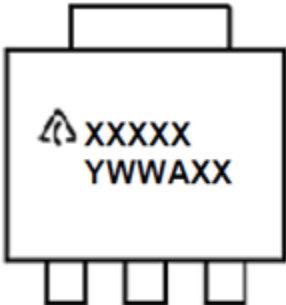
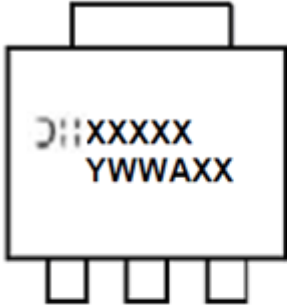


PRODUCT CHANGE NOTICE**PCN-2246 REV 1**


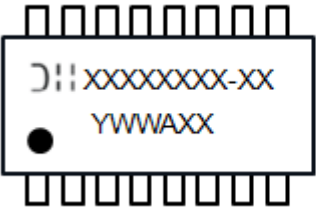


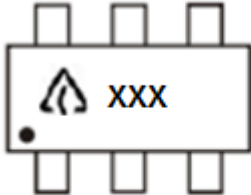
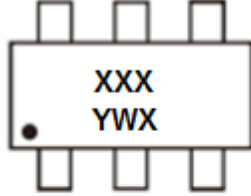
| Notification Date: | Implementation Date: | Product Family: | Change Type: | PCN #: |
|---|---|-----------------------|---------------------|-------------|
| 28 June, 2017 | 28 September, 2017 | Analog Semiconductors | Additional A/T Site | 2246 |
| TITLE | | | | |
| Additional Qualified Assembly/Test (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. | | | | |

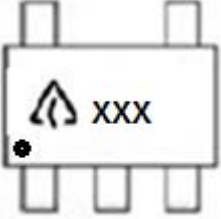
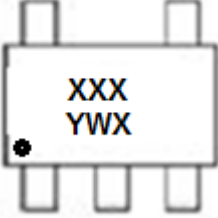
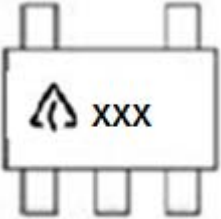
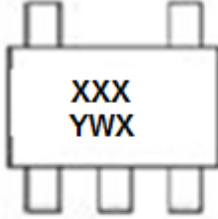
Table 1 – Parts With Addition of Assembly and Test Site at Chengdu, China (CAT)

| | | | | | |
|------------------|------------------|------------------|-------------------|-------------------|------------------|
| 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 | AP4311ARTR-G1 | AZ1117CR-2.5TRG1 | AZ432BRTR-E1 |
| AP2139AK-1.2TRG1 | AP3012KTR-E1 | AP3417MKTR-G1 | AP4311BRTR-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> |