



PRODUCT CHANGE NOTICE

PCN-2687 REV 1

| Notification Date: | Implementation Date: | Product Family: | Change Type: | PCN #: |
|---|---|------------------------|--|--------|
| 29 May, 2024 | 29 August, 2024 | Discrete Semiconductor | Additional Assembly & Test Site / Assembly Bill of Materials | 2687 |
| TITLE | | | | |
| Qualification of Internal "Diodes Technology (Cheng Du) Company Limited" (CAT) as Additional Assembly & Test Site with New Mold Compound Type for Select Discrete Products | | | | |
| DESCRIPTION OF CHANGE | | | | |
| <p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes has qualified internal "Diodes Technology (Cheng Du) Company Limited" (CAT) located in Chengdu, China as additional Assembly and Test site with new mold compound type for discrete products listed in the table 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.</p> <p>There will be no change to Fit or Function of products affected.</p> | | | | |
| IMPACT | | | | |
| Continuity of Supply. No change in datasheet electrical parameters and product performance. | | | | |
| PRODUCTS AFFECTED | | | | |
| <p>Please see the attached part list and top marking changes in following tables:</p> <p>Table 1 – Affected part list to qualify CAT as additional A/T site with new mold compound type</p> <p>Table 2 – Marking code format for SOD-523</p> | | | | |
| 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 qualify CAT as additional A/T Site with new mold compound type


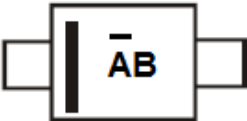
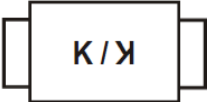
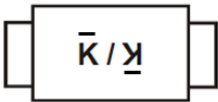
| | | | | | |
|----------------|-----------------|---------------|---------------|--------------|--------------|
| D1213A-01T-7** | DESD5V0S1BB-7** | SBR0220T5-7** | SBR0230T5-7** | SBR1A20T5-7* | SBR1A30T5-7* |
| D5V0L1B2T-7** | DESD5V0U1BB-7* | | | | |

Note: “*” Change bond wire from Cu to PdCu at CAT

Note: “**” Change bond wire from Au to PdCu at CAT

Table 2: Marking Code Format –

SOD-523

| SAT (Diodes Internal Assembly and Test site in Shanghai, China) | CAT (Diodes Internal Assembly and Test Site in Chengdu, China) <u>Add bar “-” above first character for CAT site</u> |
|---|--|
| Marking format example | Marking format example |
|  |  |
|  K / X = Product Type Marking Code |  K / X = Product Type Marking Code |