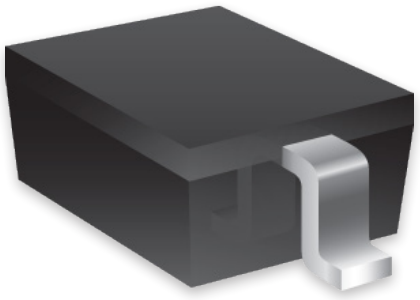
BOURNS®

PRODUCT CHANGE **NOTIFICATION**

DIODES

REVISED:
October 19, 2022, December 16, 2022
and January 17, 2023



Bourns® Model CDSOD323-Txxx Series TVS Diode Arrays

Additional Assembly and Test Manufacturing Location

Riverside California – October 13, 2022 – ~~Effective January 30, 2023~~, Effective March 30, 2023, Bourns will establish a new additional assembly and test manufacturing location for select Model CDSOD323-Txxx Series TVS Diode Arrays in the Philippines. This additional site in the Philippines is being established to accommodate the large increase in demand for the affected part numbers, secure continuity of supply through capacity expansion, and provide maximum flexibility to customers. A list of affected part numbers is provided below.

Affected Part Numbers			
CDSOD323-T03	CDSOD323-T08	CDSOD323-T12SC	CDSOD323-T18SC
CDSOD323-T03C	CDSOD323-T08C	CDSOD323-T15	CDSOD323-T24
CDSOD323-T03S	CDSOD323-T08L	CDSOD323-T15C	CDSOD323-T24C
CDSOD323-T03SC	CDSOD323-T08LC	CDSOD323-T15L	CDSOD323-T24L
CDSOD323-T05	CDSOD323-T08S	CDSOD323-T15LC	CDSOD323-T24LC
CDSOD323-T05C	CDSOD323-T08SC	CDSOD323-T15S	CDSOD323-T24S
CDSOD323-T05L	CDSOD323-T12	CDSOD323-T15SC	CDSOD323-T24SC
CDSOD323-T05LC	CDSOD323-T12C	CDSOD323-T18	CDSOD323-T36S
CDSOD323-T05S	CDSOD323-T12C-SP	CDSOD323-T18C	CDSOD323-T36SC
CDSOD323-T05SC	CDSOD323-T12L	CDSOD323-T18L	
CDSOD323-T12C-DSL	CDSOD323-T12LC	CDSOD323-T18LC	
CDSOD323-T24C-DSL	CDSOD323-T12S	CDSOD323-T18S	

Users should verify that the described changes will not impact the performance of the product in their specific applications.

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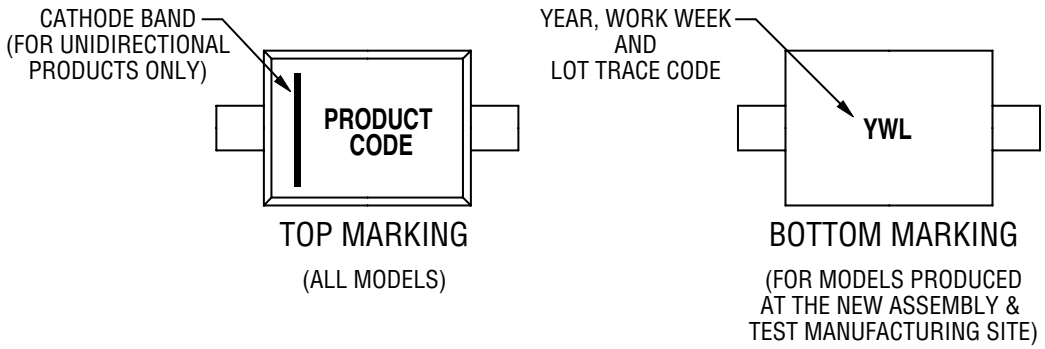
The silicon fabrication process will not change at the additional assembly and test manufacturing site. However, the interconnect material used at the new site will be changed from gold to copper. This change has been fully qualified and will have no impact on the fit or function of the affected part numbers. The form of the parts assembled at the new site will change because of a small modification in the part marking for traceability purposes. The quality, reliability and performance of the TVS diodes assembled at the new site should not change. The production lead times of these TVS diodes should improve gradually as our capacity is expanded. The country of origin will remain the same.

The bottom part marking will be used to identify units produced at the new assembly and test manufacturing site. The bottom marking will include the Year (Y), Work Week (W) and Lot code (L) in alphabetic characters while the current existing site will use only the top part marking.

Typical Part Marking



Samples from the new additional assembly and test manufacturing site will be available for evaluation upon request on January 9, 2023. As with the addition of any new manufacturing site, Bourns recommends that customers test the affected part numbers assembled at the new site in their specific applications for verification of satisfactory performance.

Implementation dates are as follows:

Date that manufacturing of products from the new assembly and test manufacturing location will begin: ***January 30, 2023***
Date that deliveries of products from the new assembly and test manufacturing location will begin: ~~***January 30, 2023***~~ ***March 30, 2023***
First date code using changes: ~~***2302***~~ ***2304***

Orders for affected part numbers ~~received after January 30, 2023~~ shipped after March 30, 2023 may be filled interchangeably from the existing assembly and test manufacturing site or the new additional site.

If you have any questions or need additional information, please feel free to contact Customer Service/Inside Sales.