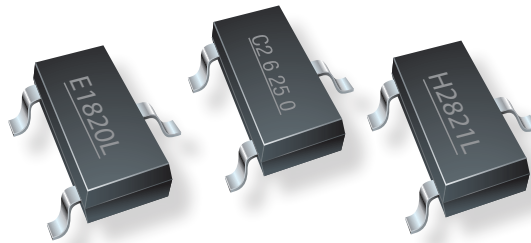




# PRODUCT CHANGE NOTIFICATION

## DIODES

REVISED JUNE 8, 2023

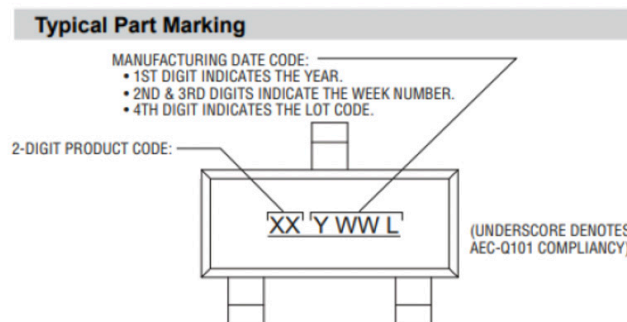


### Select Bourns® Transient Voltage Suppressor (TVS) Diodes *Addition of Manufacturing Site and Improved Manufacturability*

Riverside California – May 9, 2023 – In order to accommodate increasing production demand, effective October 2, 2023, Bourns will establish a new additional manufacturing site in the Philippines for select Transient Voltage Suppressor (TVS) Diodes. A list of affected part numbers is included below.

Affected Part Numbers	
<a href="#">CDSOT23-T03-Q</a>	<a href="#">CDSOT23-T08LC-Q</a>
<a href="#">CDSOT23-T05LC-Q</a>	<a href="#">CDSOT23-T15C-Q</a>
<a href="#">CDSOT23-T08-Q</a>	<a href="#">CDSOT23-T24CAN-Q</a>
<a href="#">CDSOT23-T08C-Q</a>	

In addition to the location change, the Si fabrication for the product will now be built on 5-inch wafers instead of 4-inch wafers and will remain solely at the current site and be manufactured with the same process. This change in the size of the wafer will improve the manufacturability of the affected products. The assembly process will not change at this new additional assembly and test manufacturing site. The part marking will be used to identify units produced at the new additional assembly and test manufacturing site. The lot code (L) of the new site will use alphabetic characters while the current site will continue to use numbers.



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

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The form of the part numbers made at the new additional manufacturing plant will change because of a small change in the part marking for traceability purposes. The fit, function, quality, reliability and performance of the affected products produced at the new manufacturing plant will be the same as those of the existing plant. The production lead times of these products should improve gradually as our capacity is expanded. The country of origin will remain the same.

Samples of the affected Transient Voltage Suppressor (TVS) Diodes from the new additional manufacturing site are available upon request. Bourns recommends that customers test the affected part numbers in their specific applications for verification of satisfactory performance.

**Implementation dates are as follows:**

Date that deliveries of products manufactured at both manufacturing sites will begin: **October 2, 2023**

First date code using above changes: **2320**

Orders for the affected part numbers received after October 2, 2023 may be filled interchangeably from the existing manufacturing plant or the new additional manufacturing plant.

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