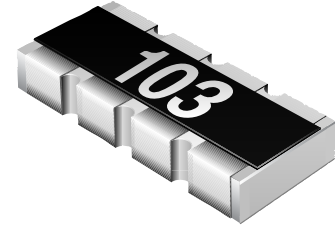


# Product Change Notification

## CHIP RESISTORS AND ARRAYS

Bourns Manufacturers Representatives  
 Corporate Distributor Product Managers  
 Americas Sales Team  
 Asia Sales Team  
 Europe Sales Team  
 Bourns Internal  
 Bourns Plant Managers



August, 2010

### Model CAT16 Chip Resistor Arrays

Bourns, Inc. has added a second manufacturing location for its [Model CAT16 chip arrays](#). Both locations use similar manufacturing processes.

Also, the standard part number CAT16-xxxJx with the addition of a “Z1” suffix (CAT16-xxxJxZ1) is now assigned to CAT16 units manufactured with palladium in the termination. Units containing palladium in the termination have been shown to have a smaller shift (1 % maximum) in total resistance (TR) after exposure to a 4-5 ppm concentration of H<sub>2</sub>S for 250 hours.

If a smaller shift in TR after exposure to H<sub>2</sub>S is not a required feature for your application, you should continue to order the standard part number without a “Z1” suffix.

The data sheet for Model CAT16 will not be changed to reflect the small TR shift characteristic in the models containing palladium because the CAT16-xxxJxZ1 units are considered custom (non-standard) units.

If you have any questions, please feel free to contact your local FAE.

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