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Bourns Rep District Sales Managers
Bourns Rep Distributor Managers
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Americas Sales Team
Asia Sales Team
Europe Sales Team

Bourns® Integrated Passives & Actives Product Group Introduces New Chip Diode Product Line (CD Series)

Bourns is pleased to announce the release of the Chip Diode product line. The Chip Diode family offers small signal Switching Diodes, small signal Schottky Barrier Diodes and Schottky Rectifier Diodes. The Chip Diode products are designed to meet the industry demand for smaller electronic components with extremely low power consumption and maximum stand-by time.

The small signal switching diodes are available in 0603, 0805, 1005 and 1206 SMD packages with high speed and low leakage options. Small signal Schottky barrier diodes are available in 0603, 0805 and 1005 packages, while the Schottky Rectifier diodes are available in DO-214AC (SMA) and 1607 (mini SMA) packages. Diode rectification currents of 1A, 2A and 3A with a range of reverse voltages are also available.

The Bourns® Chip Diode product range provides distinct advantages over some of our competitors such as:

- Package Size: The Chip Diodes are LEADLESS, allowing designers to make real estate savings on PCB layouts. The parts have a lower profile and provide height savings especially over competing SOD80 (Mini MELF) product.

- Environmental: All Chip Diode terminations are LEAD FREE due to the Cu/Ni/Au plating. Units meet many worldwide industry and government regulations on lead free components.

- Manufacturing Friendly: Bourns® Chip Diodes allow the use of industry standard pick & place equipment. The unique Chip Diode package makes it easy to handle and the flat configuration makes rollaway difficult in production operations.

Product data sheets with detailed specifications can be viewed on the Bourns® website at www.bourns.com. The Chip Diode Price Sheet is attached. The Chip Diode Training Presentation and Cross Reference Guide are available in the Bourns® Partnership Library.

For application support, please contact:

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Best regards,

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