

New Product Release

DESIGN KITS



Bourns Introduces New TVS Diode Design Kits Model CD-LAB9 and CD-LAB10

Riverside, California – January 3, 2019 – Bourns is pleased to announce the release of two new TVS Diode Design Kits: Model [CD-LAB9](#) and [CD-LAB10](#).

These new design kits contain Transient Voltage Suppressor (TVS) Diodes for surge and ESD protection applications in DO-214AB (SMC) size format to provide design engineers with a variety of overvoltage protection solutions across a range of rated currents and voltages for quick-turn prototype testing. These new design kits will complement the existing Bourns® TVS Diode Design Kits:

- [CD-LAB3](#) (400 W, SMA)
- [CD-LAB4](#) (600 W, SMB)
- [CD-LAB5](#) (1500 W, SMC)

The Bourns® TVS Diodes are ideal for overvoltage protection of DC and AC buses in power supplies, DC/DC converters, inverters, communication lines and I/O interfaces used in telecom, industrial, consumer and portable electronic applications. These products are RoHS compliant* and halogen free**.

Design Kit	Component Model Series Included	Component Package	Component Power Wattage ($T_p = 8/20 \mu s$)	Component Standoff Voltage Range (V_{RWM})	Component Configuration
CD-LAB9	SMLJ Series	DO-214AB (SMC)	3000 W	6.5 – 150 V	Unidirectional & Bidirectional
CD-LAB10	5.0SMDJ Series	DO-214AB (SMC)	5000 W	10 – 64 V	Unidirectional & Bidirectional

Please visit the Bourns website at www.bourns.com/resources/design-tools/design-kits/diodes for additional details on Bourns® TVS Diode Design Kits. Should you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.