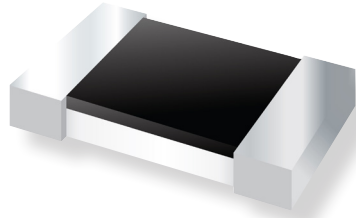




NEW PRODUCT RELEASE

CHIPGUARD® ESD SUPPRESSORS



Bourns Releases New ChipGuard® ESD Suppressors

Model CG0201MLU Series

Riverside, California – **October 3, 2023** – Bourns is pleased to announce the release of the [Model CG0201MLU Series ChipGuard® ESD Suppressor](#). The Model CG0201MLU Series ChipGuard® ESD Suppressor is an ultra-low capacitance single channel ESD protector designed to safeguard sensitive electronics from damage caused by electrostatic discharges.

The new protector has been designed to protect to IEC 61000-4-2, Level 4 (± 8 kV contact/ ± 15 kV air discharge) ESD specifications targeted for high speed USB 3.2, HDMI 1.4/2.0 and antenna circuit applications.

The industry standard 0201 package provides an extremely small footprint, making it an ideal space-saving protection solution for wearables, handheld devices and mobile phones.

Please visit www.bourns.com/products/circuit-protection/chipguard-esd-suppressors for the full line of ChipGuard® ESD Suppressor products available. The product data sheet with detailed specifications can be viewed on the Bourns website.

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

Features

- ESD protection to IEC 61000-4-2 Level 4
- Extremely quick response time (<1 ns)
- Low capacitance (0.05 pF typical)
- Miniature 0201 package
- Bidirectional protection
- Low clamping voltage
- Low leakage current
- RoHS compliant*

Applications

- Antenna circuits
- USB 3.2 Gen 1 and Gen 2
- HDMI 1.3/1.4/2.0
- SATA and eSATA Interfaces
- SIM card ports
- Memory protection

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.