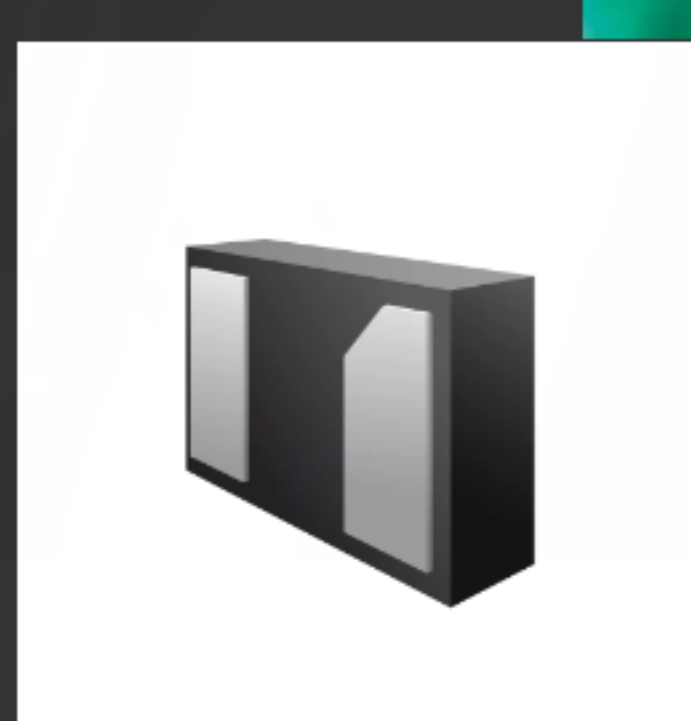


Product Details

uClamp1521ZV

μClamp® 1-Line ESD & Surge Protection



- Overview
- Features
- Applications
- Packaging & Order Codes
- Pb Free/ROHS
- Documentation
- Resources

uClamp1521ZV

μClamp® series of transient voltage suppressor (TVS) arrays are designed to protect sensitive electronics from damage or latch-up due to electrostatic discharge (ESD) and surge. They feature large cross-sectional area junctions for conducting high transient currents. μClamp products offer desirable characteristics for board-level protection including fast response time, low operating and clamping voltage and no device degradation.

Features

- High ESD withstand voltage: ±30kV (contact & air) per IEC 61000-4-2
- High peak pulse current capability: 18A (tp = 8/20μs)
- Ultra-small package(1.0 x 0.6 x 0.25mm)
- Protects one I/O or power line
- Low ESD clamping voltage
- Working voltage: ± 15V
- Solid-state silicon-avalanche technology
- Pb-free, Halogen-free, RoHS/WEEE-compliant

- Cellular handsets & accessories
- Battery protection
- Notebooks & handhelds
- Audio lines

Applications

Packaging

- DFN 1.0 x 0.6 x 0.25mm-2 Lead – 15,000 pcs

Order Codes

- uClamp1521ZVTFT

Pb(Lead)-Free/RoHS-Green Info

Part Number Package Info ^

Product Information ^

Compliance Status ^

RoHS Compliance Status by Exemption ^

Datasheets & Documentation

Datasheets ^

mySemtech

Explore a wealth of downloadable resources and datasheets to assist with prototyping and production.

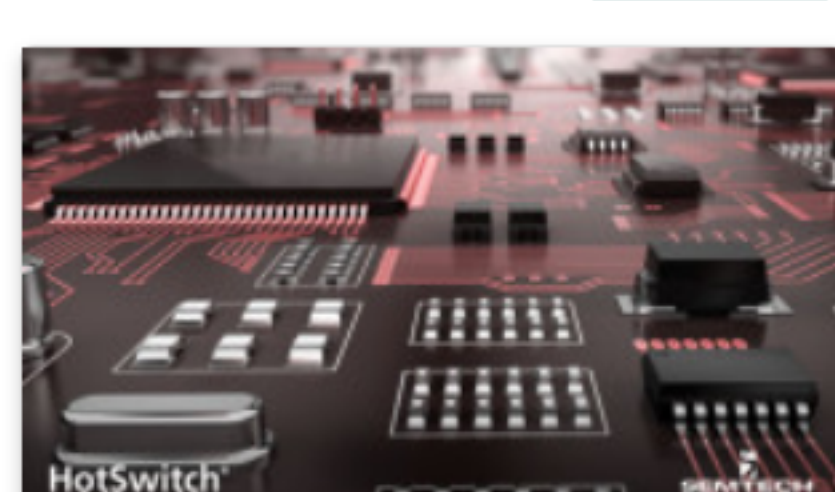
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Looking for documentation?

Login or register for mySemtech to gain access to restricted product documentation and to add documents to your Watch List for update alerts

Resources

Press Releases



Semtech Introduces the HotSwitch® Platform for...

New HotSwitch® devices expand Semtech's robust offering of protection solutions to provide a...



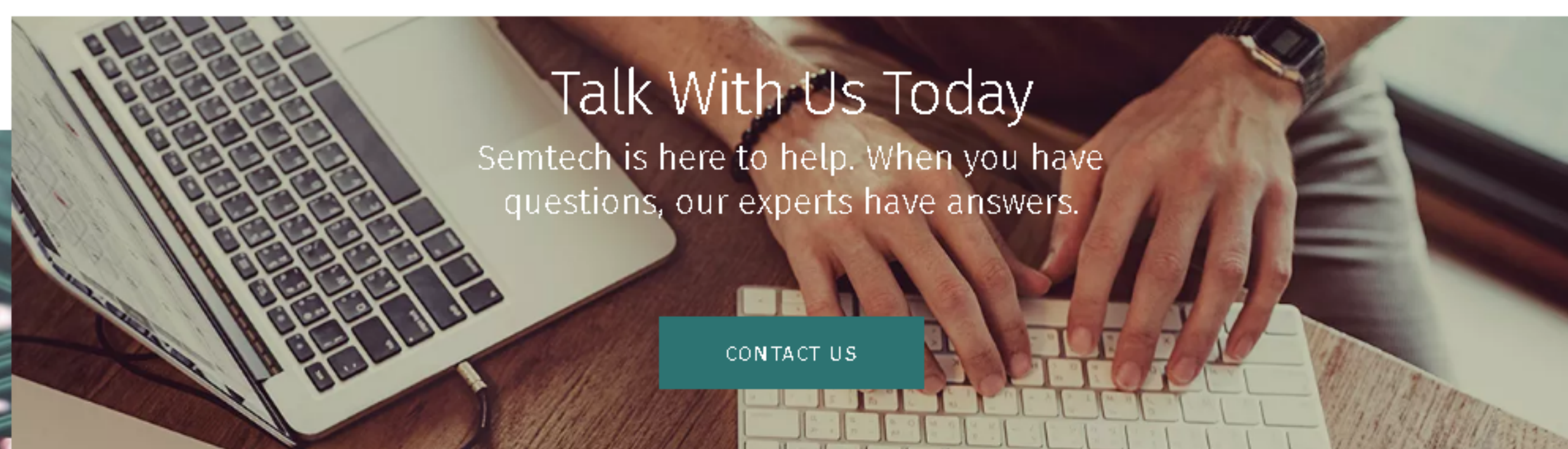
Semtech Unveils SurgeSwitch™ System Transient...

Semtech's SurgeSwitch™ product line offers 30% reduced clamping, 80% smaller package size and...



Semtech Announces EClamp® Device To Solve...

Semtech's EClamp8052P combines common-mode noise filtering and high-performance, low-capacitance...



Talk With Us Today

Semtech is here to help. When you have questions, our experts have answers.

CONTACT US