

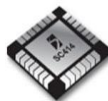
# SEMTECH Semiconductors

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**On your disposal for 51 years!**

## Power Management



SEMTECH supplies a wide range of power management ICs used in telecommunications and industrial equipment, portable devices, computers, and networks.

- PWM Controllers
- Digital Controllers
- Charge Pump Regulators
- Load Switch Ics
- Linear Regulators
- Battery Charger Ics
- LED Drivers
- MOSFET Drivers
- Hot-Swap Controllers



SEMTECH is a supplier of analog and mixed-signal semiconductors for high-end consumer, computing, communications and industrial equipment. Products are designed to benefit the engineering community as well as the global community. The company is dedicated to reducing the impact it and its products have on the environment.

## Circuit Protection (TVS)



SEMTECH provides TVS (Transient Voltage Suppression) diodes that safeguard low voltage circuits against damage or latch-up caused by electrostatic discharge (ESD), lightning, and other destructive voltage transients. Our circuit protection devices feature low clamping voltage, low capacitance, and low leakage current.

- ESD Protection
- Low-Capacitance ESD Protection
- Low-Voltage ESD Protection
- High-Current Lightning Protection
- ESD & EMI Filter Devices

## High Rel Discrete Semiconductors



SEMTECH supplies discrete semiconductors in axial or surface-mount discretes, or in various custom assembly configurations. The designs are rugged and in packages that are hermetic and varied in their overall function and construction.

- Half Wave Rectifier (Power Diodes)
- Half Wave, High Current Assemblies
- Single Phase Full Wave Bridge Assemblies
- Three Phase Full Wave Bridge, Center Tap and Doubler Assemblies
- Half Wave, High Voltage Assemblies
- Single Phase Center Tap and Doubler Assemblies
- TVS Rectifiers
- High Voltage Capacitors
- Zener Diode Voltage Regulators

## Applications



- Automotive & Transportation
- Industrial
- Medical
- Consumer
- Military & Space
- Networking & Communication
- Optical
- Security/Surveillance Video (HD)

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