

Discrete Solutions for your Design Challenges

The design support you require

Since 1974, Central Semiconductor has been the go-to manufacturer for customers around the world who want innovative and reliable discrete semiconductors. Satisfying engineers' most demanding design requirements for the latest applications and delivering exceptional quality are passions for the Central team. Your vision is our mission, **just ask.**

Just Ask

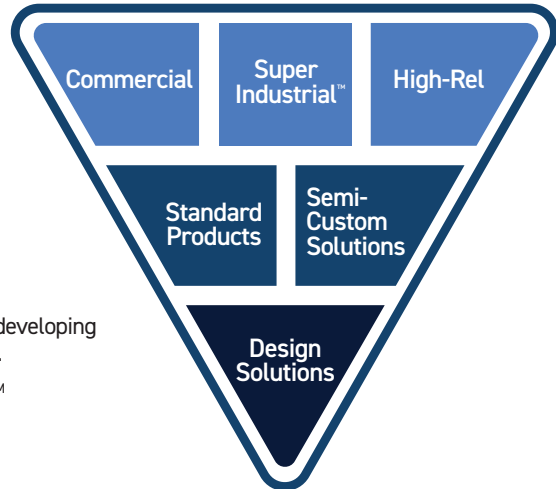
Standard products

- Rectifiers
- Schottky Diodes & Rectifiers
- Switching Diodes
- Zener Diodes
- Current Limiting Diodes
- General Purpose Transistors
- RF Oscillator Transistors
- Darlington Transistors
- MOSFETs & JFETs
- Protection Devices
- Thyristors
- Multi-Discrete Modules
- Wide Bandgap

Semi-custom solutions

When standard devices do not meet your design requirements, Central excels at developing semi-custom solutions. These may be devices new to Central or new to the world.

- Parametric electrical screening
- Plating options for through-hole devices
- Up-screening for high-reliability applications
- Super Industrial™ and Spacellite™
- Product services & vendor managed inventory



Design solutions

Bare Die:

- Special wafer diffusion
- Monolithic die
- Backside metallization for wafers

Interconnect:

- Central can combine multiple devices with different technologies into a single package

Packaging:

- Custom packages can be developed to meet customer-specific requirements

Testing:

- Up-screening services for designers requiring ruggedized or high-reliability devices

For the ideal discrete semiconductor solutions your designs require, visit www.centalsemi.com or call **1.631.435.1110.**