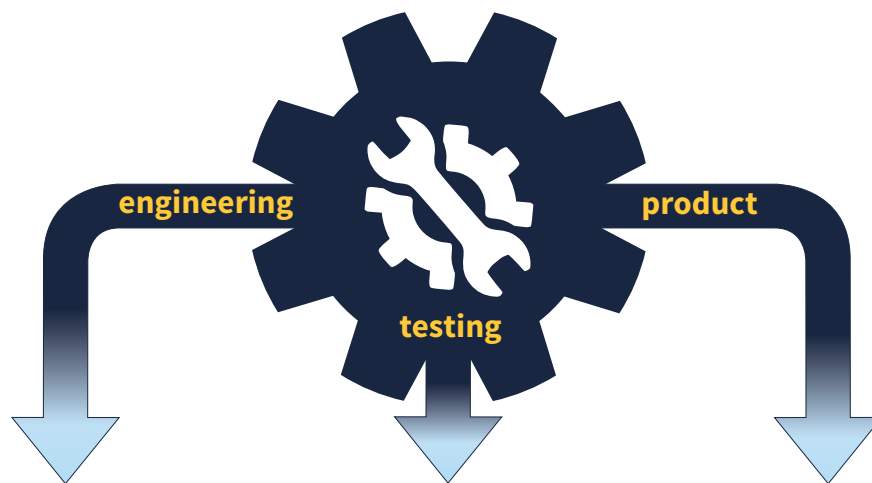


# explore the possibilities...



## custom services & solutions

Central Semiconductor Corp. has been in the business of manufacturing discrete semiconductors since 1974. Satisfying engineers' most demanding design requirements for the latest applications and delivering exceptional quality service is a passion for the Central team. This dedication to complete customer satisfaction insures that Central's robust services offering will continue to expand, matching the needs of designers worldwide.



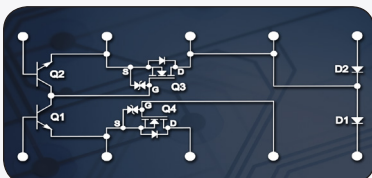
### custom solutions

#### Custom devices:

- Multi Discrete Modules (MDM)
- Integrated Discrete Devices (active/passive)
- Monolithic Die

#### Custom packages & modules

Special wafer diffusion & metallization



### up-screening

#### MIL equivalents:

- Die: MIL-PRF-38534 (Class H and Class K)  
MIL-PRF-19500 (Class HC and Class KC)
- Packaged: MIL-PRF-19500 (JANTX, JANS)

#### Customer-specific testing



### services

#### Vendor Managed Inventory (VMI)

#### Consolidated shipping

#### Plating conversions:

- Pb to Pb Free
- Pb Free to Pb

#### Lead forming

#### Tape & Reel and Ammo Pack options

#### Parametric electrical screening & sorting



Customized solutions for  
**extreme environments**



Learn more:

[www.centrasemi.com/super-industrial](http://www.centrasemi.com/super-industrial)

# explore the possibilities...



## custom device development successes

Central Semiconductor takes pride in developing the custom devices that other manufacturers won't take the time to consider. Designers know they can rely on Central's engineering team to always be ready to explore the possibilities of the latest design challenges and deliver quality solutions.

### examples of recent custom solutions:

#### solution A

**Market:** Alternative Energy  
**End Product:** Smart Meter  
**Environment:** Extreme moisture  
**Challenge:** Eliminate failures resulting from operating environment

**Solutions:**

1. Enhanced interconnect
2. Custom packaging
3. Extreme environment life testing



#### solution B

**Market:** Communications  
**End Product:** Repeater  
**Environment:** Cold temperature & high signal interference  
**Challenge:** Develop custom device

**Solutions:**

1. Enhanced interconnect
2. Custom packaging
3. Enhanced operating parameters
4. Extended life testing



## your custom design could be next!

For more information on Central's capabilities and potential solutions:

Call us at: **631.435.1110**

Or view solutions online: [www.centalsemi.com/custom-solutions](http://www.centalsemi.com/custom-solutions)

Just  
Ask