

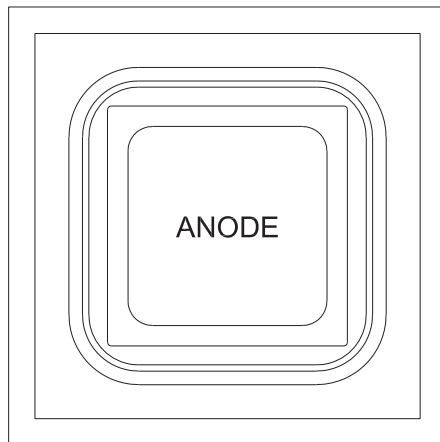
PROCESS CPZ28
Zener Diode
0.5 Watt Zener Diode Chip



PROCESS DETAILS

| | |
|------------------------|------------------|
| Process | EPITAXIAL PLANAR |
| Die Size | 13 x 13 MILS |
| Die Thickness | 7.8 MILS |
| Anode Bonding Pad Area | 7.0 x 7.0 MILS |
| Top Side Metalization | Ti/Al - 13,000Å |
| Back Side Metalization | Au-As - 13,000Å |

GEOMETRY



R0

BACKSIDE CATHODE

GROSS DIE PER 5 INCH WAFER

101,184

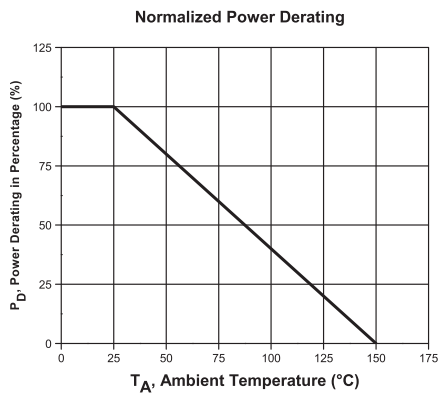
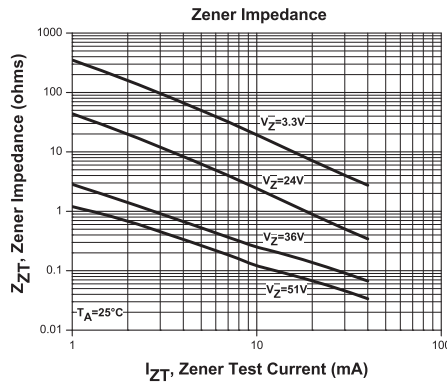
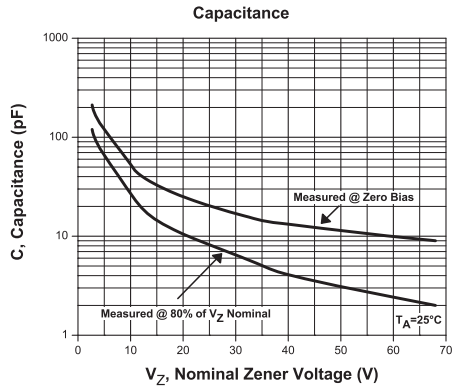
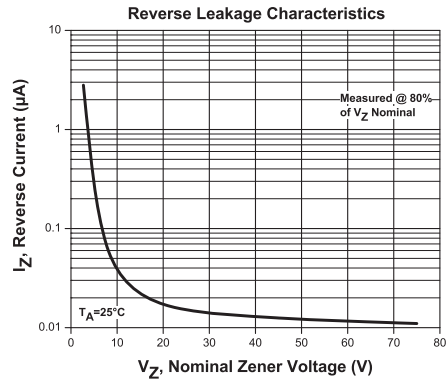
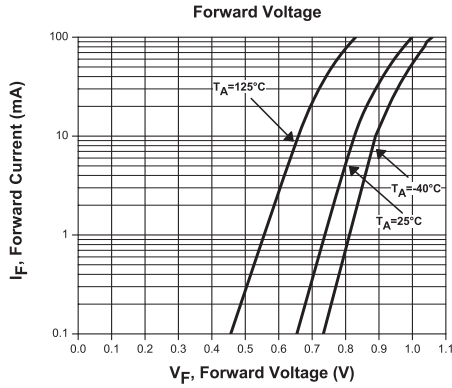
PRINCIPAL DEVICE TYPES

CMPZ5221B
THRU
CMPZ5267B

R2 (22-March 2010)

PROCESS CPZ28

Typical Electrical Characteristics



R2 (22-March 2010)

OUTSTANDING SUPPORT AND SUPERIOR SERVICES



PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

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