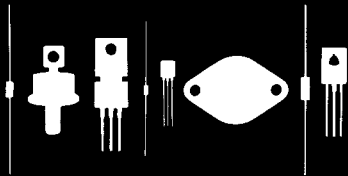


Central  
Semiconductor Corp.  
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145 Adams Avenue  
Hauppauge, New York 11788



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Tel: (631) 435-1110 • Fax: (631) 435-1824

1N708A THRU 1N745A

400mW ZENER DIODE  
5% TOLERANCE

JEDEC DO-35 CASE

DESCRIPTION

The CENTRAL SEMICONDUCTOR 1N708A series types are Hermetically Sealed Axial Lead Silicon Zener Diodes.

MAXIMUM RATINGS (T<sub>A</sub>=25°C)

	SYMBOL	UNIT
Power Dissipation	P <sub>D</sub>	400 mW
Operating and Storage Junction Temperature	T <sub>J</sub> , T <sub>stg</sub>	-65 TO +200 °C

TYPE	ZENER VOLTAGE		TEST CURRENT		ZENER IMPEDANCE
	V <sub>Z</sub> @ I <sub>ZT</sub> (VOLTS)		I <sub>ZT</sub> (mA)		Z <sub>Z</sub> @ I <sub>ZT</sub> (Ω)
1N708A	5.6		25		3.6
1N709A	6.2		25		4.1
1N710A	6.8		25		4.7
1N711A	7.5		25		5.3
1N712A	8.2		25		6.0
1N713A	9.1		12		7.0
1N714A	10		12		8.0
1N715A	11		12		9.0
1N716A	12		12		10
1N717A	13		12		11
1N718A	15		12		13
1N719A	16		12		15
1N720A	18		12		17
1N721A	20		4.0		20
1N722A	22		4.0		24
1N723A	24		4.0		28
1N724A	27		4.0		35
1N725A	30		4.0		42
1N726A	33		4.0		50
1N727A	36		4.0		60
1N728A	39		4.0		70
1N729A	43		4.0		84
1N730A	47		4.0		98
1N731A	51		4.0		115
1N732A	56		4.0		140
1N733A	62		2.0		170
1N734A	68		2.0		200
1N735A	75		2.0		240
1N736A	82		2.0		280
1N737A	91		1.0		340
1N738A	100		1.0		400
1N739A	110		1.0		490
1N740A	120		1.0		570
1N741A	130		1.0		650
1N742A	150		1.0		860
1N743A	160		1.0		970
1N744A	180		1.0		1200
1N745A	200		1.0		1400

## OUTSTANDING SUPPORT AND SUPERIOR SERVICES



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### 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

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### DESIGNER SUPPORT/SERVICES

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

- Free quick ship samples (2<sup>nd</sup> 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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### REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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### CONTACT US

#### Corporate Headquarters & Customer Support Team

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**Worldwide Distributors:**  
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