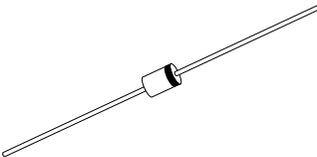


# Zener Diodes

POWER	250 mW			400 mW	
CASE	 DO-35				
ZENER VOLTAGE	GENERAL PURPOSE	LOW NOISE LOW LEVEL	LOW LEVEL	LOW IMPEDANCE	LOW VOLTAGE AVALANCE
1.8		1N4614	1N4678		
2.0		1N4615	1N4679		
2.2		1N4616	1N4680		
2.4		1N4617	1N4681		
2.7	1N702A	1N4618	1N4682		
3.0		1N4619	1N4683		
3.3		1N4620	1N4684	1N3506	
3.6	1N703A	1N4621	1N4685	1N3507	
3.9		1N4622	1N4686	1N3508	
4.3	1N704A	1N4623	1N4687	1N3509	1N6082B
4.7		1N4624	1N4688	1N3510	1N6083B
5.1	1N705A	1N4625	1N4689	1N3511	1N6084B
5.6		1N4626	1N4690	1N3512	1N6085B
6.0	1N706A	1N4627			
6.2		1N4628	1N4691	1N3513	1N6086B
6.8		1N4099	1N4692	1N3514	1N6087B
7.1	1N707A				
7.5		1N4100	1N4693	1N3515	1N6088B
8.2		1N4101	1N4694	1N3516	1N6089B
8.7		1N4102	1N4695		
9.1		1N4103	1N4696	1N3517	1N6090B
10		1N4104	1N4697	1N3518	1N6091B
11		1N4105	1N4698	1N3519	
12		1N4106	1N4699	1N3520	
13		1N4107	1N4700	1N3521	
14		1N4108	1N4701		
15		1N4109	1N4702	1N3522	
16		1N4110	1N4703	1N3523	
17		1N4111	1N4704		
18		1N4112	1N4705	1N3524	
19		1N4113	1N4706		
20		1N4114	1N4707	1N3525	
22		1N4115	1N4708	1N3526	
24		1N4116	1N4709	1N3527	

For complete specifications, please consult factory.

Special selections and tight tolerances available.

DO-35 devices are also available in Radial Tape and Reel (Euroform). See pages 236 thru 238.

**Central**  
Semiconductor Corp.

www.centalsemi.com

(6-December 2004)

## 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 (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

---

### 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).

---

### CONTACT US

#### Corporate Headquarters & Customer Support Team

Central Semiconductor Corp.  
145 Adams Avenue  
Hauppauge, NY 11788 USA  
Main Tel: (631) 435-1110  
Main Fax: (631) 435-1824  
Support Team Fax: (631) 435-3388  
[www.centrasemi.com](http://www.centrasemi.com)

**Worldwide Field Representatives:**  
[www.centrasemi.com/wwreps](http://www.centrasemi.com/wwreps)

**Worldwide Distributors:**  
[www.centrasemi.com/wwdistributors](http://www.centrasemi.com/wwdistributors)

---

For the latest version of Central Semiconductor's **LIMITATIONS AND DAMAGES DISCLAIMER**, which is part of Central's Standard Terms and Conditions of sale, visit: [www.centrasemi.com/terms](http://www.centrasemi.com/terms)

# Product End of Life Notification

<b>PDN ID:</b>	PDN01213
<b>Notification Date:</b>	2/22/22
<b>Last Buy Date:</b>	8/22/22
<b>Last Shipment Date</b>	2/22/23

Summary: The following diodes in the DO-35 package are discontinued now classified as of End of Life (EOL)

Although Central Semiconductor Corp. makes every effort to continue to produce devices that have been proclaimed EOL (End of Life) by other manufacturers, it is an accepted industry practice to discontinue certain devices when customer demand falls below a minimum level of sustainability. Accordingly, the following product(s) have been transitioned to End of Life status as part of Central's ongoing Product Management Process. Any replacement products are noted below. The effective date for placing last purchase orders will be six (6) months from the date of this notice and twelve (12) months from the notice date for final shipments, and minimum order quantities may apply. The last purchase and shipment dates may be extended if inventory is available.

**\* All Plating types (PBFREE, TIN/LEAD) for each item listed are included in this notice.**

<b>Central Part Number</b>	<b>Suggested Replacement</b>
1N4370A BK	N/A
1N4370A TR	N/A
1N457A BK	N/A
1N457A TR	N/A
1N705A BK	N/A
1N705A TR	N/A
1N707A BK	N/A
1N707A TR	N/A
1N816 BK	N/A
1N816 TR	N/A

Central would be happy to assist you by providing additional information or technical data to help locate an alternate source if we have no replacement available. If you would like assistance, please visit <https://my.centralsemi.com/submit-inquiry?type=ER> to submit an online inquiry.

DISCLAIMER: This End of Life (EOL) notification is in accordance with JEDEC standard JESD48 - Product Discontinuance. Central Semiconductor Corp. will make every effort to offer life-time buy (LTB) opportunities and/or offer replacement devices to existing customers for discontinued devices, however, one or both may not be possible for all devices. Please contact your local Central Semiconductor sales representative for LTB opportunities/additional information.