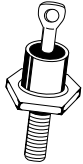



# Rectifiers, General Purpose

(Continued)

$I_O$ (AMPS)	12	16	20	40
@ $T_C$ (°C)	150	150	150	150
$I_{FSM}$ (AMPS)	300	325	350	800
CASE	 DO-4*		 DO-5*	
$V_{RRM}$ (VOLTS)				
100	CR12-010	CR16-010	CR20-010	CR40-010
200	CR12-020	CR16-020	CR20-020	CR40-020
400	CR12-040	CR16-040	CR20-040	CR40-040
600	CR12-060	CR16-060	CR20-060	CR40-060
800	CR12-080	CR16-080	CR20-080	CR40-080
1000	CR12-100	CR16-100	CR20-100	CR40-100
1200	CR12-120	CR16-120	CR20-120	CR40-120

$V_F$ MAX @ $I_F = I_O$	1.1V	1.1V	1.1V	1.1V
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$I_R$ MAX @ $V_{RRM}$	10 $\mu$ A	10 $\mu$ A	10 $\mu$ A	100 $\mu$ A
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\* Standard polarity is cathode to case. For reverse polarity add "R" suffix to part number.

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

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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)



<http://www.centrasemi.com>

# Product End of Life Notification

<b>PDN ID:</b>	PDN01088
<b>Notification Date:</b>	5/31/18
<b>Last Buy Date:</b>	11/30/18
<b>Last Shipment Date</b>	5/31/19

Summary: The CR40-080 General Purpose Rectifier is discontinued and now classified as 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.

<u>Central Part Number</u>	<u>Replacement</u>
CR40-080	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. Please email your requests to [engineering@centrasemi.com](mailto:engineering@centrasemi.com).

**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.