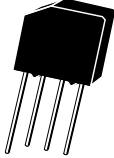
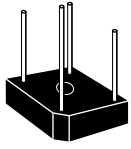
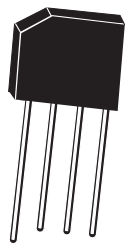
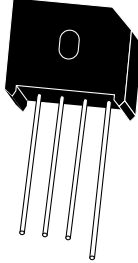
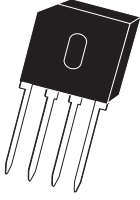


# Bridge Rectifiers, General Purpose

(Continued)

$I_O$ (AMPS)	2.0		3.0	4.0		
@ $T_A$ (°C)	55	55	2.0 @ 25	50	4.0 @ 25	
@ $T_C$ (°C)			3.0 @ 50		8.0 @ 100	100
$I_{FSM}$ (AMPS)	60	55	50	200	300	150
<b>CASE</b>						
	CASE B-M		CASE C	CASE D	CASE DM	CASE DMM
$V_{RRM}$ (VOLTS)						
100	CBR2-L010M	3N254-M	CBR3-P010	CBR4-L010	CBR4M-L010	CBR4M-L010M
200	CBR2-L020M	3N255-M	CBR3-P020	CBR4-L020	CBR4M-L020	CBR4M-L020M
400	CBR2-L040M	3N256-M	CBR3-P040	CBR4-L040	CBR4M-L040	CBR4M-L040M
600	CBR2-L060M	3N257-M	CBR3-P060	CBR4-L060	CBR4M-L060	CBR4M-L060M
800	CBR2-L080M	3N258-M	CBR3-P080	CBR4-L080	CBR4M-L080	CBR4M-L080M
1000	CBR2-L100M	3N259-M	CBR3-P100	CBR4-L100	CBR4M-L100	CBR4M-L100M

$V_F$ MAX @ $I_F$	1.1V @ 2.0A	1.1V@314A	1.1V @ 1.5A	1.1V @ 3.0A	1.1V @ 6.28A	1.0V @ 4.0A
$I_R$ MAX @ $V_{RRM}$	10 $\mu$ A	10 $\mu$ A	10 $\mu$ A	10 $\mu$ A	10 $\mu$ A	5.0 $\mu$ A

(6-December 2004)

**Central**<sup>™</sup>  
Semiconductor Corp.  
www.centalsemi.com

## 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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Main Fax: (631) 435-1824  
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[www.centrasemi.com/wwreps](http://www.centrasemi.com/wwreps)

**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>	PDN01001
<b>Notification Date:</b>	4/27/15
<b>Last Buy Date:</b>	10/27/15
<b>Last Shipment Date</b>	4/27/16

Summary:Case C Bridge Rectifiers

Although Central Semiconductor Corp. makes every effort to continue to produce devices that have been proclaimed EOL (End of Life) by various 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 Product Management Process. Any replacement product will be noted below. The effective date for placing the last purchase order will be six(6) months from the date of this notice and twelve(12) months from the notice date for final shipments; this may be extended if inventory is available.

<b>Central Part Number</b>	<b>Replacement</b>
CBR3-P010	CBR6-010
CBR3-P020	CBR6-020
CBR3-P040	CBR6-040
CBR3-P060	CBR6-060
CBR3-P080	CBR6-080
CBR3-P080 W/DC	CBR6-080
CBR3-P100	CBR6-100
CBR3A-P020	N/A
CBR3A-P040	N/A
CBR3A-P060	N/A
CBR3A-P080	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.



<http://www.centrasemi.com>

# Product End of Life Notification

<b>PDN ID:</b>	PDN01008
<b>Notification Date:</b>	11/02/15
<b>Last Buy Date:</b>	5/02/16
<b>Last Shipment Date</b>	11/02/16

Summary: All bridge rectifiers manufactured in the CASE D package are 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 various 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 Product Management Process. Any replacement product will be noted below. The effective date for placing the last purchase order will be six(6) months from the date of this notice and twelve(12) months from the notice date for final shipments; this may be extended if inventory is available.

<b>Central Part Number</b>	<b>Replacement</b>
CBR4-L010	CBR8M-L060
CBR4-L010 W/DC	CBR8M-L060
CBR4-L020	CBR8M-L060
CBR4-L040	CBR8M-L060
CBR4-L060	CBR8M-L060
CBR4-L080	CBR8M-L060
CBR4-L100	CBR8M-L060
CBR4F-L020	N/A
CBR6-L010	CBR8M-L060
CBR6-L020	CBR8M-L060
CBR6-L040	CBR8M-L060
CBR6-L060	CBR8M-L060
CBR6-L080	CBR8M-L060
CBR6-L100	CBR8M-L060

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.