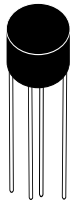
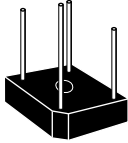
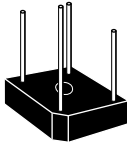


# Bridge Rectifiers, Controlled Avalanche\*

Single Phase, Full Wave

1.5 to 35 Amperes

200 to 800 Volts

$I_O$ (AMPS)	1.5	2.0	3.0	6.0	10
@ $T_A$ (°C)	50	55	2.0 @ 25	50	
@ $T_C$ (°C)			3.0 @ 50	100	100
$I_{FSM}$ (AMPS)		60	50	150	150
CASE	 CASE A		 CASE C		 CASE CM
$V_{RRM}$ (VOLTS)					
200	CBR1A-020	CBR2A-020	CBR3A-P020	CBR6A-020	CBR10A-J020
400	CBR1A-040	CBR2A-040	CBR3A-P040	CBR6A-040	CBR10A-J040
600	CBR1A-060	CBR2A-060	CBR3A-P060	CBR6A-060	CBR10A-J060
800	CBR1A-080	CBR2A-080	CBR3A-P080	CBR6A-080	CBR10A-J080

$V_F$ MAX @ $I_F$	1.0V @ 1.0A	1.1V @ 2.0A	1.1V @ 1.5A	1.1V @ 3.0A	1.2V @ 5.0A
$I_R$ MAX @ $V_{RRM}$	10 $\mu$ A	10 $\mu$ A	10 $\mu$ A	10 $\mu$ A	10 $\mu$ A

*AVALANCHE BREAKDOWN VOLTAGE		
$V_{RRM}$	MIN	MAX
200V	250	700
400V	450	900
600V	650	1100
800V	850	1300

(6-December 2004)

**Central**<sup>™</sup>  
Semiconductor Corp.  
www.centralsemi.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

Central Semiconductor Corp.  
145 Adams Avenue  
Hauppauge, NY 11788 USA  
Main Tel: (631) 435-1110  
Main Fax: (631) 435-1824  
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[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)

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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.

# Product End of Life Notification

<b>PDN ID:</b>	PDN01002
<b>Notification Date:</b>	9/01/15
<b>Last Buy Date:</b>	3/01/16
<b>Last Shipment Date</b>	9/01/16

Summary: Case CM 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.

<u>Central Part Number</u>	<u>Replacement</u>
CBR10-J010	CBR10-J100
CBR10-J020	CBR10-J100
CBR10-J040	CBR10-J100
CBR10-J060	CBR10-J100
CBR10-J080	CBR10-J100
CBR10A-J010	CBR10-J100
CBR10A-J020	CBR10-J100
CBR10A-J040	CBR10-J100
CBR10A-J060	CBR10-J100
CBR10A-J080	CBR10-J100
CBR10F-J010	CBR10-J100
CBR10F-J020	CBR10-J100
CBR10F-J040	CBR10-J100
CBR10F-J060	CBR10-J100
CBR10F-J080	CBR10-J100
CBR10F-J100	CBR10-J100
CBR6-010	CBR10-J100
CBR6-020	CBR10-J100
CBR6-040	CBR10-J100
CBR6-060	CBR10-J100
CBR6-080	CBR10-J100
CBR6-100	CBR10-J100
CBR6A-020	CBR10-J100
CBR6A-040	CBR10-J100
CBR6A-060	CBR10-J100
CBR6A-080	CBR10-J100
CBR6F-010	CBR10-J100
CBR6F-020	CBR10-J100
CBR6F-040	CBR10-J100
CBR6F-060	CBR10-J100
CBR6F-080	CBR10-J100
CBR6F-100	CBR10-J100
CEN931	N/A

Central would be happy to assist you by providing additional information or technical data to help locate an alternate source if we  
 \*\*\* CONTINUED \*\*\*

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>	PDN01002
<b>Notification Date:</b>	9/01/15
<b>Last Buy Date:</b>	3/01/16
<b>Last Shipment Date</b>	9/01/16

\*\*\* CONTINUED FROM PRIOR PAGE \*\*\*

**Central Part Number**                      **Replacement**

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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.