

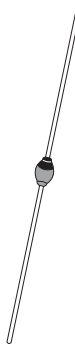


# Rectifiers, Fast Recovery

(Continued)

$I_O$ (AMPS)	2.0		3.0	
@ $T_A$ (°C)	75	75	25	55
$I_{FSM}$ (AMPS)	50	50	80	80
				
CASE	GPR-1A	DO-15	GPR-4AM	
$V_{RRM}$ (VOLTS)				
50	–	–	–	–
100	CPR2F-010	CR2F-010	–	–
200	CPR2F-020	CR2F-020	–	–
400	CPR2F-040	CR2F-040	1N5188	–
500	–	–	1N5189	1N5419
600	CPR2F-060	CR2F-060	1N5190	1N5420
800	CPR2F-080	CR2F-080	–	–
1000	CPR2F-100	CR2F-100	–	–
$V_F$ MAX @ $I_F = I_O$	1.3V	1.3V	1.5V	1.1V
$I_R$ MAX @ $V_{RRM}$	5.0 $\mu$ A	5.0 $\mu$ A	2.0 $\mu$ A	1.0 $\mu$ A
$t_{rr}$ (50V thru 400V)	200ns	200ns	250ns	150ns
$t_{rr}$ (500V)	–	–	300ns	250ns
$t_{rr}$ (600V)	250ns	250ns	400ns	400ns
$t_{rr}$ (800V)	500ns	500ns	–	–
$t_{rr}$ (1000V)	500ns	500ns	–	–

(7-March 2012)

## 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

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