Rectifiers, Fast Recovery

1.0 to 6.0 Amperes 50 to 1200 Volts

I _O (AMPS)	1.0				
@T _A (°C)	75	55	55	75	80
I _{FSM} (AMPS)	30	50	50	50	50
CASE	DO-41*		GPR-1A*		DO-41*
V _{RRM} (VOLTS)					
50	1N4933				
100	1N4934			CPR1F-010	CR1F-010
200	1N4935	1N4942	1N5615	CPR1F-020	CR1F-020
400	1N4936	1N4944	1N5617	CPR1F-040	CR1F-040
600	1N4937	1N4946	1N5619	CPR1F-060	CR1F-060
800		1N4947	1N5621	CPR1F-080	CR1F-080
1000		1N4948	1N5623	CPR1F-100	CR1F-100
1200					CR1F-120
V _F MAX @ I _F =I _O	1.2	1.3V	1.2V	1.3V	1.2V
I _R MAX @ V _{RRM}	5.0μΑ	1.0μΑ	0.5μΑ	5.0μΑ	5.0μΑ
t _{rr} (50V thru 400V)	200ns	150ns	150ns	200ns	150ns
t _{rr} (600V)	200ns	250ns	250ns	200ns	150ns
trr (800V)		250ns	300ns	300ns	500ns
t _{rr} (1000V)		500ns	500ns	500ns	500ns
t _{rr} (1200V)					500ns

* Also available in DO-41SP Case (0.6mm lead diameter) with Radial Tape and Reel (DO-41SP-RPCU).



(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

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities

ss your design challenges.

· Custom product packing

- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- · Application and design sample kits

Custom bar coding for shipments

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).
- If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

CONTACT US

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