

PRODUCT CHANGE NOTICE

1. TITLE 22GQ100, Hi-Rel Schottky Discrete Diode		2. DOCUMENT NUMBER FV5-C-11-021
		3. DATE June 13, 2011
4. MANUFACTURER AND ADDRESS International Rectifier 205 Crawford Street Leominster, MA 01453		5. MANUFACTURER PART NUMBER See below for IR Part Numbers
		6. BASE PART NA
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE June 13, 2011	10. GOVERNMENT NUMBER NA
11. POINT OF CONTACT Manufacturer's Representative or Customer Service Representative (978) 534-5776		12. DRAWING NUMBER NA
		13. SPECIFICATION NUMBER MIL-PRF-19500
14. PRODUCT CHANGE This GIDEP PCN is to announce a change in the electrical test limits for the following International Rectifier Part No. Rectifier Part No. 22GQ100 Description: 30A 100V Hi-Rel Schottky Discrete Diode in a TO-254AA package  Changes to Static Electrical Characteristics: Major Ratings: Change VF @ 20A, Tj=125C limit from 0.90V to 0.73V. Absolute Max Ratings: Change IF(av) conditions from TC=100C to TC=113C. Add -55C tests: VF @ 20A 0.86V max limit VF @ 35A 0.99V max limit Change +25C tests: VF @ 20A max limit from 1.1V to 0.84V VF @ 35A max limit from 1.6V to 0.98V Change +125C tests: VF @ 20A max limit from 0.9V to 0.73V VF @ 35A max limit from 1.3V to 0.84V Reason for Change: Revised static electrical limits due to enhanced packaging.		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE June 13, 2011