



PRODUCT CHANGE NOTICE

1. TITLE 80CLQ150, Hi-Rel Schottky Common Cathode Diode		2. DOCUMENT NUMBER FV5-C-14-007
		3. DATE February 5, 2014
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 February 5, 2014	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. 80CLQ150 Description: 80A, 150V, Hi-Rel Schottky Common Cathode Diode in a SMD-1 package  Changes to Electrical Specifications: Change V_{FM} Max. Forward Voltage Drop (Per Leg) ** From: 1.21 V @ 40A, $T_J = -55C$ To: 1.28 V @ 40A, $T_J = -55C$ From: 1.75 V @ 80A, $T_J = -55C$ To: 1.92 V @ 80A, $T_J = -55C$ From: 1.0 V @ 80A, $T_J = 125C$ To: 1.16 V @ 80A, $T_J = 125C$ **A new Max. Forward Voltage Drop Characteristics curve (figure 1) will be published in the datasheet. Reason for Change: Increase the maximum forward voltage drop limit (per leg) to provide better statistical margins. Datasheet Reference: PD-94206		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE February 5, 2014