# PRODUCT CHANGE NOTICE

1. **TITLE**: 35SGQ045, Hi-Rel Schottky Discrete Diode

2. **DOCUMENT NUMBER**: FV5-C-12-003

3. **DATE**: January 31, 2012

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**: January 31, 2012

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.

   **35SGQ045**

   **Description**: 35A, 45V Hi-Rel Schottky Diode in a TO-254AA package

   ![Diode Symbol]

   **Changes to Electrical Specification:**

   Change $I_{RM}$ (Max. Reverse Leakage Current) from 200mA to 280mA @ $V_R=rated V_R$, at $T_J = 125^\circ C$. (Reference PD93963B).

15. **APPROVING GOVERNMENT ACTIVITY**

16. **GIDEP REPRESENTATIVE**
   
   Paul Hebert

17. **SIGNATURE**

18. **DATE**: January 31, 2012