# PRODUCT CHANGE NOTICE

1. **TITLE**  
   IRF140, Electrical Characteristics

2. **DOCUMENT NUMBER**  
   FV5-C-15-0028

3. **DATE**  
   October 2, 2015

4. **MANUFACTURER AND ADDRESS**  
   International Rectifier  
   205 Crawford Street  
   Leominster, MA 01453

5. **MANUFACTURER PART NUMBER**  
   IRF140

6. **BASE PART**  
   NA

7. **NATIONAL STOCK NUMBER (NSN)**  
   NA

8. **CAGE**  
   69210

9. **EFFECTIVE DATE**  
   10/02/15

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 Type

14. **PRODUCT CHANGE**

   This GIDEP PCN is to announce a change in the Electrical Characteristics for the following International Rectifier Part No. IRF140.

   **Description:** 100V N-Channel Hi-Rel MOSFET in a TO-204AA/AE package

   ![Image of IRF140](image)

   **Changes to Electrical Characteristics @ Tj = 25°C:**

   Change $t_d(\text{off})$ Turn-Off Delay Time from 21ns to 55ns.

   Statistical analysis of the $t_d(\text{off})$ historical test data supports a revision to the test limits.

   Reference: DATA SHEET PD-90369

16. **APPROVING GOVERNMENT ACTIVITY**

17. **GIDEP REPRESENTATIVE**  
   Paul Hebert

18. **SIGNATURE**  
   [Signature]

19. **DATE**  
   October 2, 2015