### PRODUCT CHANGE NOTICE

1. **TITLE**
   IRHNA67164 Electrical Characteristics

2. **DOCUMENT NUMBER**
   FV5-C-18-0068

3. **DATE**
   May 8, 2018

4. **MANUFACTURER AND ADDRESS**
   International Rectifier HiRel Products, Inc
   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**
   May 8, 2018

10. **GOVERNMENT NUMBER**
    NA

11. **POINT OF CONTACT**
    Manufacturer’s Representative or
    Account Specialist (978) 534-5776

12. **DRAWING NUMBER**
    NA

13. **SPECIFICATION NUMBER**
    MIL-PRF-19500/760

14. **PRODUCT CHANGE**

   This GIDEP PCN is to announce specifications change with the datasheet parameters for the following International
   Rectifier Part No. Note that this change is related to part specification only, and not due to a die physical change.

   **IRHNA67164 (2N7581U2)**
   150V, N-Channel TID Hardened MOSFET in a SMD-2 package

   **ELECTRICAL CHARACTERISTICS @ Tj = 25°C**
   
   \[ t_{\text{on}} \] [Turn-On Delay Time], change max limit from 35ns to 50ns.
   
   \[ t_{\text{r}} \] [Rise Time], change max limit from 170ns to 150ns
   
   \[ t_{\text{off}} \] [Turn-Off Delay Time], change max limit from 85ns to 100ns
   
   \[ t_{\text{f}} \] [Fall Time], change max limit from 35ns to 50ns

   Reference Datasheet PD-96959

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16. **APPROVING GOVERNMENT ACTIVITY**

17. **GIDEP REPRESENTATIVE**
    Paul Hebert

18. **SIGNATURE**

19. **DATE**
    May 8, 2018

GIDEP Form 97-5