**GOVERNMENT - INDUSTRY DATA EXCHANGE PROGRAM**

**PRODUCT CHANGE NOTICE**

1. TITLE
   IRFE9130 Electrical Characteristics

2. DOCUMENT NUMBER
   FV5-C-19-0012

3. DATE
   December 6, 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
   December 6, 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-19500/564

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 alignment with MIL-PRF-19500/564, and not due to a die physical change.

   **IRFE9130 [2N6849U]**
   -100V P-Channel Hi-Rel MOSFET in a 18-pin LCC package

   **ELECTRICAL CHARACTERISTICS @ Tj = 25°C**

   - $R_{DS(on)}$, change max limit from 0.345Ω to 0.320Ω.
   - $Q_g$, change max limit from 35nC to 34.8nC.
   - $Q_{gd}$, change max limit from 23nC to 23.1nC.

   **SOURCE-DRAIN DIODE RATINGS AND CHARACTERISTICS**

   For $t_{rr}$ [Reverse Recovery Time] and $Q_{rr}$ [Reverse Recovery Charge], change test condition $V_{DD}$ from -50V to -40V.

   Reference Datasheet PD-91716

15. APPROVING GOVERNMENT ACTIVITY

16. GIDEP REPRESENTATIVE
    Paul Hebert

17. SIGNATURE

18. DATE
    December 6, 2018

GIDEP Form 97-5