## PRODUCT CHANGE NOTICE

**1. TITLE**
IRFF230 Electrical Characteristics

**2. DOCUMENT NUMBER**
FV5-C-18-0044

**3. DATE**
April 10, 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**
April 10, 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-19500/557

**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.

**IRFF230 [2N6798]**
200V, N-Channel Hi-Rel MOSFET in a TO-205AF package

**ELECTRICAL CHARACTERISTICS @ Tj = 25°C**
- $R_{DS(on)}$ [Static Drain-to-Source On-State Resistance], change max limit from 0.46Ω to 0.42Ω.
- $Q_g$ [Total Gate Charge], change max limit from 42.1nC to 42.07nC.
- $Q_{gs}$ [Gate-to-Source Charge], change max limit from 5.3nC to 5.29nC.
- $Q_{gd}$ [Gate-to-Drain (‘Miller’) Charge], change max limit from 28nC to 28.11nC.

Reference Datasheet PD-90431

**16. APPROVING GOVERNMENT ACTIVITY**

**17. GIDEP REPRESENTATIVE**
Paul Hebert

**18. SIGNATURE**

**19. DATE**
April 10, 2018

GIDEP Form 97-5