## PRODUCT CHANGE NOTICE

### 1. TITLE
IRFF9230 Electrical Characteristics

### 2. DOCUMENT NUMBER
FV5-C-18-0043

### 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-19500/564

### 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 not due to a die physical change.

**IRFF9230 [2N6851]**

-200V, P-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 1.68Ω to 0.83Ω.
- $Q_g$ [Gate-to-Source Charge], change max limit from 7.0nC to 6.1nC.
- $Q_{gd}$ [Gate-to-Drain (‘Miller’) Charge], change max limit from 17nC to 20.5nC.

**SOURCE-DRAIN DIODE RATINGS AND CHARACTERISTICS**

- $V_{SD}$ [Diode Forward Voltage], change max limit from -6V to -5.6V.

Reference Datasheet PD-90551

### 16. APPROVING GOVERNMENT ACTIVITY

**Paul Hebert**

April 10, 2018