# PRODUCT CHANGE NOTICE

**1. TITLE**
IRHY57130CM, Radiation Test (TID) Specification Change

**2. DOCUMENT NUMBER**
FV5-C-17-0036

**3. DATE**
September 18, 2017

**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**
September 18, 2017

**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-19500/702

**14. PRODUCT CHANGE**
This GIDEP PCN is to announce a change in the Radiation Test (TID) specifications for the following part number. Datasheet change to match MIL-PRF-19500/702 TID test limits.

**IRHY57130CM [MIL-PRF-19500/702]**
100V, Single N-Channel TID Hardened MOSFET in a TO-257AA package.

**RADIATION CHARACTERISTICS CHANGE:**
Table 1 Electrical Characteristics @ Tj = 25°C, Post Total Dose Irradiation

RDS(on) Static Drain-to-Source On-State Resistance (TO-3)
- For Up to 500K Rads(Si), change from 0.074 ohm to 0.07 ohm maximum
- For 1000K Rads(Si), change from 0.09 ohm to 0.085 ohm maximum

RDS(on) Static Drain-to-Source On-State Resistance (TO-257AA)
- For Up to 500K Rads(Si), change from 0.064 ohm to 0.07 ohm maximum

Reference Datasheet PD-93826

**16. APPROVING GOVERNMENT ACTIVITY**

**17. GIDEP REPRESENTATIVE**
Paul Hebert

**18. SIGNATURE**

**19. DATE**
September 18, 2017

GIDEP Form 97-5