**GOVERNMENT - INDUSTRY DATA EXCHANGE PROGRAM**

**PRODUCT CHANGE NOTICE**

1. **TITLE**
   IRHM7250, Radiation Test (TID) Specification Change

2. **DOCUMENT NUMBER**
   FV5-C-17-0040

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-19500/603

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-19500/603 TID test limits.

**IRHM7250 [MIL-PRF-19500/603]**

200V, Single N-Channel TID Hardened MOSFET in a TO-254AA 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 100K Rads(Si), change from 0.094 ohm to 0.10 ohm maximum
- For 300K - 1000K Rads(Si), change from 0.149 ohm to 0.155 ohm maximum

I<sub>oss</sub> Zero Gate Voltage Drain Current
- For V<sub>os</sub>, change Test Condition from 80V to 160V

Reference Datasheet PD-90674

16. **APPROVING GOVERNMENT ACTIVITY**

17. **GIDEP REPRESENTATIVE**
    Paul Hebert

18. **SIGNATURE**
    [Signature]

19. **DATE**
    September 18, 2017

GIDEP Form 97-5