**PRODUCT CHANGE NOTICE**

1. **TITLE**
   IRHLUC7670Z4, Test Specification Change

2. **DOCUMENT NUMBER**
   FV5-C-17-0045

3. **DATE**
   September 21, 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 21, 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

14. **PRODUCT CHANGE**
    This GIDEP PCN is to announce a change in the Test Specifications for the following part number.

**IRHLUC7670Z4**

60V, Dual 1N 1P Channel TID Hardened MOSFET in a LCC-6 package

**ELECTRICAL CHARACTERISTICS (Pre-Irradiation) for P-Channel Die @Tj = 25°C**

**I_{ss}** Zero Gate Voltage Drain Current, change max. limit from -10µA to -20µA

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

R_{DS(on)} Static Drain-to-Source, On-State Resistance (TO-39), change max limit from 0.60ohm to 0.65ohm

*Note that the RDS(on) change stated above does not directly apply to the subject LCC-6 parts, it applies to the TID post radiation electrical test limit which is conducted using a TO-39 style package as a test vehicle.*

**Table 2. Typical Single Event Effect Safe Operating Area. Update Table 2 and Figure A.**

Reference Datasheet PD-97268

16. **APPROVING GOVERNMENT ACTIVITY**

17. **GIDEP REPRESENTATIVE**
    Paul Hebert

18. **SIGNATURE**
    [Signature]

19. **DATE**
    September 21, 2017