

# PRODUCT CHANGE NOTICE

1. TITLE <b>IRHLUC7670Z4, Test Specification Change</b>		2. DOCUMENT NUMBER <b>FV5-C-17-0045</b>
		3. DATE <b>September 21, 2017</b>
4. MANUFACTURER AND ADDRESS <b>International Rectifier HiRel Products, Inc 205 Crawford Street Leominster, MA 01453</b>		5. MANUFACTURER PART NUMBER <b>See below for IR Part Numbers</b>
		6. BASE PART <b>NA</b>
		7. NATIONAL STOCK NUMBER (NSN) <b>NA</b>
8. CAGE <b>69210</b>	9. EFFECTIVE DATE <b>September 21, 2017</b>	10. GOVERNMENT NUMBER <b>NA</b>
11. POINT OF CONTACT <b>Manufacturer's Representative or Account Specialist (978) 534-5776</b>		12. DRAWING NUMBER <b>NA</b>
		13. SPECIFICATION NUMBER <b>MIL-PRF-19500</b>

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

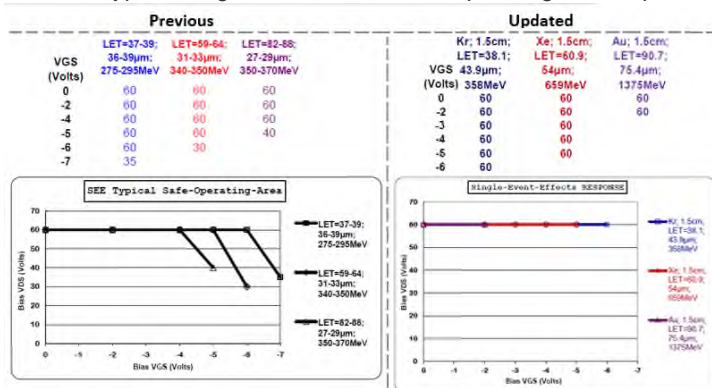


ELECTRICAL CHARACTERISTICS (Pre-Irradiation) for P-Channel Die @Tj = 25°C  
I<sub>SS</sub> Zero Gate Voltage Drain Current, change max. limit from -10uA to -20uA

RADIATION CHARACTERISTICS: Table 1. Electrical Characteristics @ Tj = 25°C, Post Total Dose Irradiation  
R<sub>DS(on)</sub> 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 <b>Paul Hebert</b>	18. SIGNATURE 
19. DATE <b>September 21, 2017</b>	