

PRODUCT CHANGE NOTICE

1. TITLE IRHLUB770Z4, Radiation Test (TID) Specification Change		2. DOCUMENT NUMBER FV5-C-17-0043
		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-19500/744

14. PRODUCT CHANGE

This GIDEP PCN is to announce a change in the Radiation Test (TID) specifications for the following part number.

IRHLUB770Z4

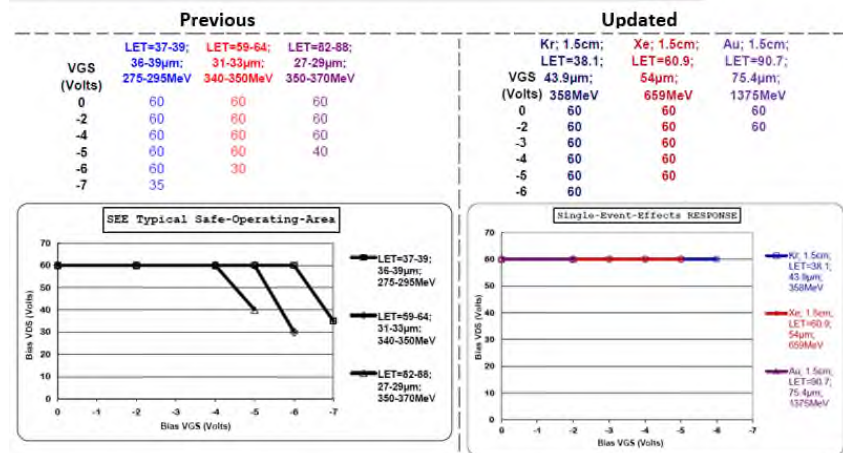
60V, Single N-Channel TID Hardened MOSFET in a UB package



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 0.55ohm to 0.65ohm

Note that the RDS(on) change stated above does not directly apply to the subject UB 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.



16. APPROVING GOVERNMENT ACTIVITY

17. GIDEP REPRESENTATIVE

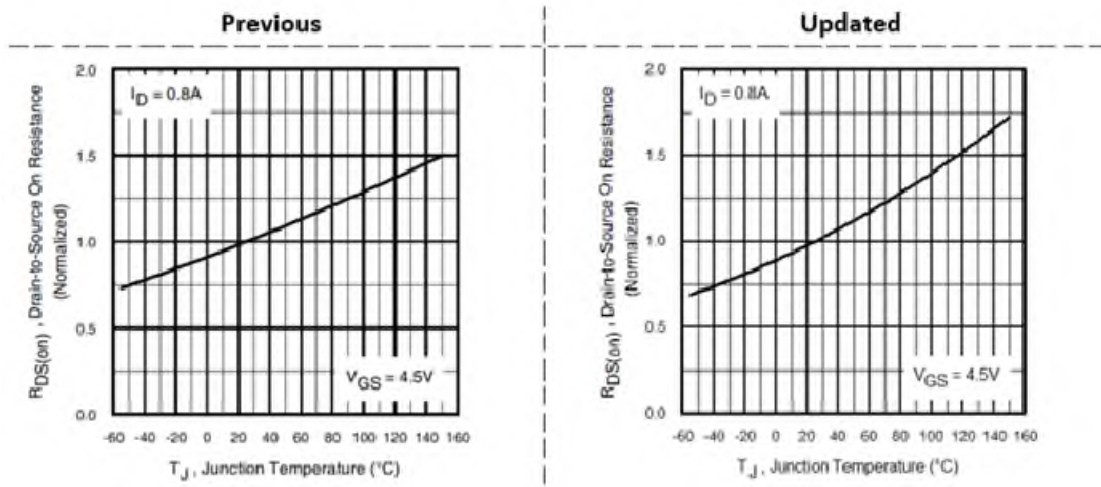
Paul Hebert

18. SIGNATURE

19. DATE

September 21, 2017

Fig 4. Normalized On-Resistance Vs. Temperature. Update Figure 4



Reference Datasheet PD-95813