


PRODUCT CHANGE NOTICE

1. TITLE IRHQ57110, Radiation Test (TID) Specification Change		2. DOCUMENT NUMBER FV5-C-18-0006
		3. DATE October 23, 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 October 23, 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 Radiation Test (TID) specifications for the following part number. Datasheet change to match MIL-PRF-19500/743 TID test limits. IRHQ57110 100V, Quad N-Channel MOSFET in a 28-pin LCC 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 0.226 ohm to 0.27 ohm maximum -For 1000K Rads(Si), change from 0.246 ohm to 0.29 ohm maximum VGS(th) Gate Threshold Voltage -For 1000K Rads(Si), change from 4.5V to 4.0V minimum IDSS Zero Gate Voltage Drain Current -For 1000K Rads(Si), change from 25uA to 10uA maximum Reference Datasheet PD-94211		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE October 23, 2017

