




PRODUCT CHANGE NOTICE

1. TITLE Wire Bond Material Change		2. DOCUMENT NUMBER FV5-C-12-008B
		3. DATE July 1, 2014
4. MANUFACTURER AND ADDRESS International Rectifier 205 Crawford Street Leominster, MA 01453		5. MANUFACTURER PART NUMBER IRHLUB770Z4, IRHLUC770Z4, IRHLUB7970Z4, IRHLUC7970Z4, IRHLF730Z4, IRHL770Z4, IRHLF7930Z4, IRHL7970Z4
		6. BASE PART NA
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE Date Code 1220	10. GOVERNMENT NUMBER See below
11. POINT OF CONTACT Manufacturer's Representative or Customer Service Representative (978) 534-5776		12. DRAWING NUMBER Slash Sheet /744 and /745 and IR Commercial
		13. SPECIFICATION NUMBER MIL-PRF-19500
14. PRODUCT CHANGE <p style="color: red; font-weight: bold;">THIS REVISION PROVIDES ADDITIONAL PARTS TO SECTION 5 HEREIN, THE PART NUMBERS LISTED IN RED HEREIN HAVE BEEN ADDED.</p> <p>This GIDEP PCN is to announce an assembly change to International Rectifiers UB type (LCC-4) and TO-205AF type and MO36 type packages – IR is changing the wire bond material from gold to aluminum. In order to standardize internal processes with other IR MOSFET and align material configurations with other military and space level parts, the UB products will be manufactured with 1.25 mil aluminum wires.</p> <ul style="list-style-type: none"> ○ IR will assemble using its standard automatic Al ultrasonic wedge bonding, and use 4 aluminum wires instead of 3 gold wires (1 additional wire on the source pad of the die) <p>This change will effect the following International Rectifier (HiRel) parts with a Date Code greater than 1220.</p> <p>JANSR2N7616UB, JANSF2N7616UB (UB, N-Channel) JANSR2N7616UBC, JANSF2N7616UBC (UB, N-Channel, Ceramic lid) JANSR2N7616UBN, JANSF2N7616UBN (UB, N-Channel, Non-Isolated) JANSR2N7616UBCN, JANSF2N7616UBCN (UB, N-Channel, Ceramic, Non-Isolated) JANSR2N7626UB, JANSF2N7626UB (UB, P-Channel) JANSR2N7626UBC, JANSF2N7626UBC (UB, P-Channel, Ceramic lid) JANSR2N7626UBN, JANSF2N7626UBN (UB, P-Channel, Non-Isolated) JANSR2N7626UBCN, JANSF2N7626UBCN (UB, P-Channel, Ceramic, Non-Isolated)</p> <p style="color: red;">IRHLF730Z4, IRHLF730Z4SCS (TO-205AF) IRHLF7930Z4, IRHLF7930Z4SCS (TO-205AF) IRHLF770Z4, IRHLF770Z4SCS, IRHLF770Z4SCV (TO-205AF) IRHLF7970Z4, IRHLF7970Z4SCS, IRHLF7970Z4SCV (TO-205AF) IRHLG770Z4, IRHLG770Z4SCS (MO-36) IRHLG7670Z4, IRHLG7670Z4SCS, (MO-36)</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE July 1, 2014