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 9. EFFECTIVE DATE
69210  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

THIS REVISION PROVIDES ADDITIONAL PARTS TO SECTION 5 HEREIN, THE PART NUMBERS LISTED IN RED HEREIN HAVE BEEN ADDED.

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.

- 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)

This change will effect the following International Rectifier (HiRel) parts with a Date Code greater than 1220.

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)

IRHLF730Z4, IRHLF730Z4SCS (TO-205AF)
IRHLF7930Z4, IRHLF930Z4SCS (TO-205AF)
IRHLF770Z4, IRHLF770Z4SCS, IRHLF770Z4SCV (TO-205AF)
IRHLF7970Z4, IRHLF7970Z4SCS, IRHLF7970Z4SCV (TO-205AF)
IRHLG770Z4, IRHLG770Z4SCS (MO-36)
IRHLG7670Z4, IRHLG7670Z4SCS, (MO-36)

16. APPROVING GOVERNMENT ACTIVITY

17. GIDEP REPRESENTATIVE
Paul Hebert

18. SIGNATURE

19. DATE
July 1, 2014