



# PRODUCT CHANGE NOTICE

1. TITLE I International Rectifier Qualification, Automatic Wire Bonding Process, QML		2. DOCUMENT NUMBER FV5-C-08-002
		3. DATE 11 MARCH 2008
4. MANUFACTURER AND ADDRESS International Rectifier, Aerospace & Defense 2270 Martin Ave. Santa Clara, CA 95050		5. MANUFACTURER PART NUMBER IR A&D DC/DC Converter Hybrids
		6. BASE PART NOT AVAILABLE
		7. NATIONAL STOCK NUMBER (NSN) 5962
8. CAGE 52467	9. EFFECTIVE DATE 0806	10. GOVERNMENT NUMBER NOT AVAILABLE
11. POINT OF CONTACT Manufacturer's Representative or Customer Service Representative (408) 727-0500		12. DRAWING NUMBER QML-38534
		13. SPECIFICATION NUMBER MIL-PRF-38534, Class H, K, E
14. PRODUCT CHANGE <p>This product change notice affects all IR Aerospace &amp; Defense DC/DC Converters, AD/DA Converters and Amplifier hybrid microcircuit related products currently manufactured at the Santa Clara, CA facility. These include, but not limited to, STANDARD IR PART NUMBERS for the DC/DC series, AFL, M3G, LS, ART, and AHP product families, manufactured under the guidelines of MIL-PRF-38534, as well as all SMD part numbers.</p> <p>International Rectifier announces the qualification and implementation of automatic wire bond equipment at its Santa Clara, CA facility. The new Eagle ASM-E60-098 automatic bonder will serve to enhance hybrid circuit interconnect reliability with 0.001 gold wires by reducing overall process variation via automation controls. In addition, the automatic wire bond process integrates the placement of crescent compound (security) bonds in an effort to provide assurance against premature crescent bond failures in high reliability, dense hybrid designs (Ref: GIDEP FV5-C-06-02).</p> <p>This Change Notice has been coordinated with DSCC-VQ prior to its release, including QML process qualification in accordance with the performance requirements of MIL-PRF-38534.</p>		
15. APPROVAL DATE NOT APPLICABLE	16. APPROVING GOVERNMENT ACTIVITY NOT APPLICABLE	
17. REPRESENTATIVE PAUL HEBERT (978) 514-6180	18. SIGNATURE 	19. DATE 19 NOVEMBER 2007