



# PRODUCT CHANGE NOTICE

<b>1. TITLE</b> <b>35GQ150, Schottky, Die Source</b>		<b>2. DOCUMENT NUMBER</b> <b>FV5-C-11-0003</b>
		<b>3. DATE</b> <b>27 January 2011</b>
<b>4. MANUFACTURER AND ADDRESS</b> <b>International Rectifier</b> <b>205 Crawford St.</b> <b>Leominster, MA 01453</b>		<b>5. MANUFACTURER PART NUMBER</b> <b>See Block 14</b>
		<b>6. BASE PART</b> <b>Not Available</b>
		<b>7. NATIONAL STOCK NUMBER (NSN)</b> <b>Not Available</b>
<b>8. CAGE</b> <b>69210</b>	<b>9. EFFECTIVE DATE</b> <b>27 January 2011</b>	<b>10. GOVERNMENT NUMBER</b> <b>Not Available</b>
<b>11. POINT OF CONTACT</b> <b>Manufacturer's Representative or</b> <b>Customer Service Representative (978) 534-5776</b>		<b>12. DRAWING NUMBER</b> <b>Not Available</b>
		<b>13. SPECIFICATION NUMBER</b> <b>Not Available</b>
<b>14. PRODUCT CHANGE</b> <p><b>This GIDEP PCN is to announce specification changes resulting from a new die manufacturer for the following International Rectifier Part No.</b></p> <p>35GQ150          35GQ150SCS          35GQ150SCX          35GQ150SCV</p> <p>Description: <b>35A, 150V, Schottky Discrete Diode in a TO-254AA package.</b></p>  <p>Change:  <b>Change die size from 180x150 mils to 158x158 mils</b>  <b>Capacitance max limit from 1,100 pF to 1,600 pF</b>  <b>Change IR @ 25C max limit from 0.011 mA to 0.20 mA</b>  <b>Change IR @ 125C max limit from 14 mA to 32 mA</b>  <b>Remove IR @ 100C condition and limit</b></p> <p>Reason for Change: <b>New die manufacturer.</b></p> <p>Impact of Change: <b>The new die is a drop in replacement with minimal changes with capacitance.</b></p> <p>Qualification: <b>Internal qualification IAW MIL-PRF-19500 has been successfully completed.</b></p>		
<b>Not Applicable</b>		<b>16. APPROVING GOVERNMENT ACTIVITY</b> <b>Not Applicable</b>
<b>17. GIDEP REPRESENTATIVE</b> <b>Paul Hebert</b>		<b>18. SIGNATURE</b> 
		<b>19. DATE</b> <b>27 January 2011</b>