

PRODUCT CHANGE NOTICE

1. TITLE 80CLQ150, Schottky, Die Source		2. DOCUMENT NUMBER FV5-C-10-0005										
		3. DATE 19 July 2010										
4. MANUFACTURER AND ADDRESS International Rectifier 205 Crawford St. Leominster, MA 01453		5. MANUFACTURER PART NUMBER See Block 14										
		6. BASE PART Not Available										
		7. NATIONAL STOCK NUMBER (NSN) Not Available										
8. CAGE 69210	9. EFFECTIVE DATE 03 June 2010	10. GOVERNMENT NUMBER Not Available										
11. POINT OF CONTACT Manufacturer's Representative or Customer Service Representative (978) 534-5776		12. DRAWING NUMBER Not Available										
		13. SPECIFICATION NUMBER MIL-PRF-19500										
14. PRODUCT CHANGE <p>This GIDEP PCN is to announce specification changes resulting from a new die manufacturer for the following International Rectifier Part No.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">80CLQ150</td> <td>95-5512</td> </tr> <tr> <td>80CLQ150A</td> <td>95-7177</td> </tr> <tr> <td>80CLQ150D</td> <td>95-7202</td> </tr> <tr> <td>80CLQ150SCS</td> <td>95-7197</td> </tr> <tr> <td>80CLQ150SCSD</td> <td>95-5522</td> </tr> </table> <p>Description: 80A 150V Hi-Rel Schottky Common Cathode Diode in a SMD-1 package</p>  <p>Change: Die size change from 150mils x 180mils to 158mils x 158mils, Ir2 max limit from 15mA to 16mA, Vf4 max limit form 1.45V to 1.75V, Scope display test condition from no trace jitter to stable only, Capacitance max limit from 600pF to 800pF, Surge current from Ifsm=500A to Ifsm=400A</p> <p>Reason for Change: New die manufacturer.</p> <p>Impact of Change: The new die is a drop in replacement with higher capacitance.</p> <p>Qualification: Internal qualification IAW MIL-PRF-19500 has been successfully completed.</p>			80CLQ150	95-5512	80CLQ150A	95-7177	80CLQ150D	95-7202	80CLQ150SCS	95-7197	80CLQ150SCSD	95-5522
80CLQ150	95-5512											
80CLQ150A	95-7177											
80CLQ150D	95-7202											
80CLQ150SCS	95-7197											
80CLQ150SCSD	95-5522											
16. APPROVING GOVERNMENT ACTIVITY Not Applicable		16. APPROVING GOVERNMENT ACTIVITY Not Applicable										
17. GIDEP REPRESENTATIVE Paul Hebert		18. SIGNATURE 										
		19. DATE 30 June 2010										