PRODUCT CHANGE NOTICE

1. TITLE
IR RADHard™ Power MOSFET / Performance Change

2. DOCUMENT NUMBER
FV5-C-10-0002

3. DATE
February 11, 2010

4. MANUFACTURER AND ADDRESS
International Rectifier
205 Crawford Street
Leominster, MA 01453

5. MANUFACTURER PART NUMBER
See Table 1 for IR Part Numbers

6. BASE PART
Not Available

7. NATIONAL STOCK NUMBER (NSN)
Not Available

8. CAGE
69210

9. EFFECTIVE DATE
February 1, 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
This GIDEP PCN is to announce specification changes for Gate Charge, Forward Transconductance and SOA (Safe Operating Area) on the following IR RADHard™ Power MOSFET products. Refer to Table 1 below for the affected part numbers.

Table 1 – IR Part Changes

<table>
<thead>
<tr>
<th>IR Part No.</th>
<th>Voltage</th>
<th>Type</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRHN57234SE</td>
<td>250V</td>
<td>N-ch</td>
<td>SMD-0.5</td>
</tr>
<tr>
<td>IRHY57234CMSE</td>
<td>250V</td>
<td>N-ch</td>
<td>TO-257AA</td>
</tr>
<tr>
<td>IRHF57234SE</td>
<td>250V</td>
<td>N-ch</td>
<td>TO-39</td>
</tr>
<tr>
<td>IRHE57234SE</td>
<td>250V</td>
<td>N-ch</td>
<td>LCC-18</td>
</tr>
</tbody>
</table>

1) Gate Charge:
- Change Qg max limit from 28nC to 32nC
- Change Qgs max limit from 7.4nC to 11nC
- Change Qgd max limit from 12nC to 16nC

2) Forward Transconductance (IRHNJ57234SE & IRHY57234SE ONLY):
- Change GFS from 6mho to 4mho

3) SOA (Safe Operating Area):
- Refer to attached curves in Addendum A herein for change detail.

Product qualification is in accordance with the performance requirements of MIL-PRF-19500, JANS, including QCI, Group A, B, C, D and Group E.

This GIDEP PCN is issued in conjunction with GIDEP FV5-D-10-01.

15. APPROVAL DATE
NOT APPLICABLE

16. APPROVING GOVERNMENT ACTIVITY
NOT APPLICABLE

17. GIDEP REPRESENTATIVE
Paul Hebert

18. SIGNATURE

19. DATE
February 11, 2010
ADDENDUM A

Safe Operating Area Curves

IRHNJ57234SE

From

To

IRHY57234SE

From

To