

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
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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

IR Part No.	Voltage	Type	Package
IRHNJ57234SE	250V	N-ch	SMD-0.5
IRHY57234CMSE	250V	N-ch	TO-257AA
IRHF57234SE	250V	N-ch	TO-39
IRHE57234SE	250V	N-ch	LCC-18

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
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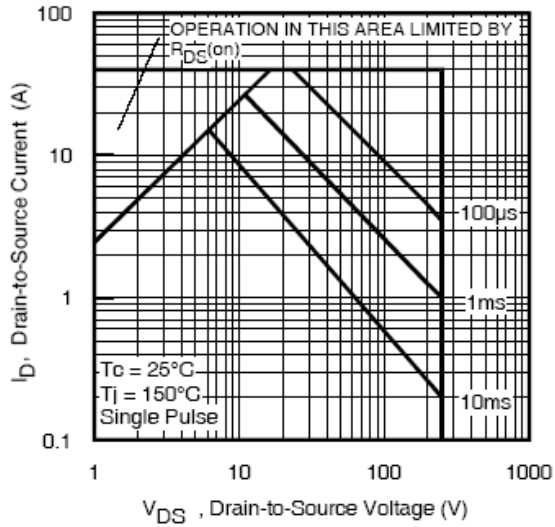
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE February 11, 2010
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ADDENDUM A

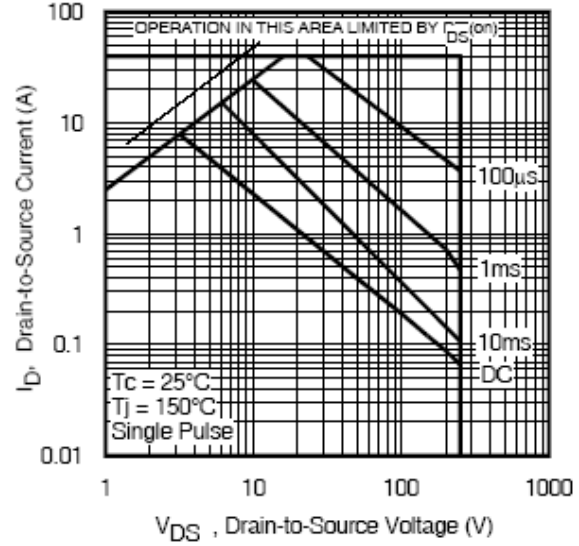
Safe Operating Area Curves

IRHNJ57234SE

From

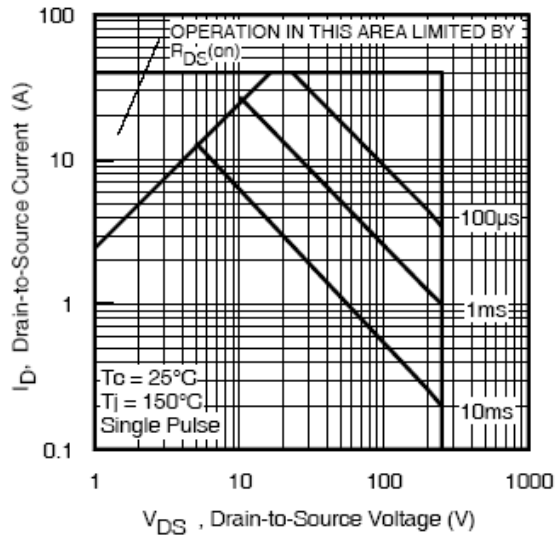


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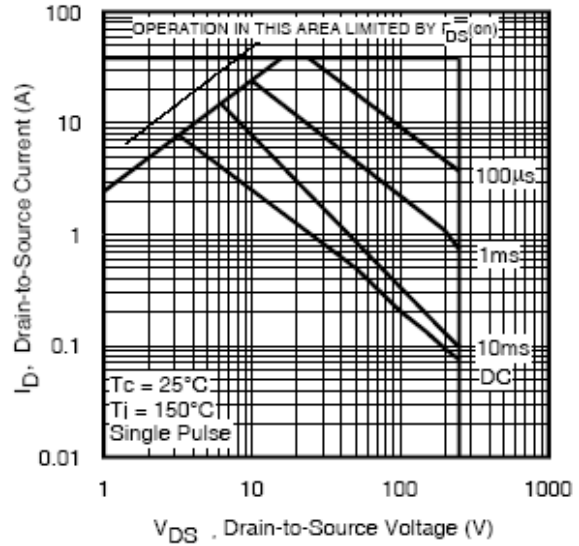


IRHY57234SE

From

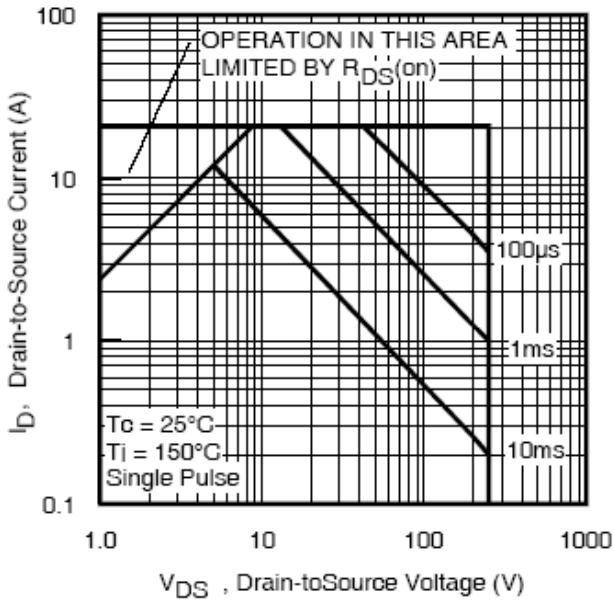


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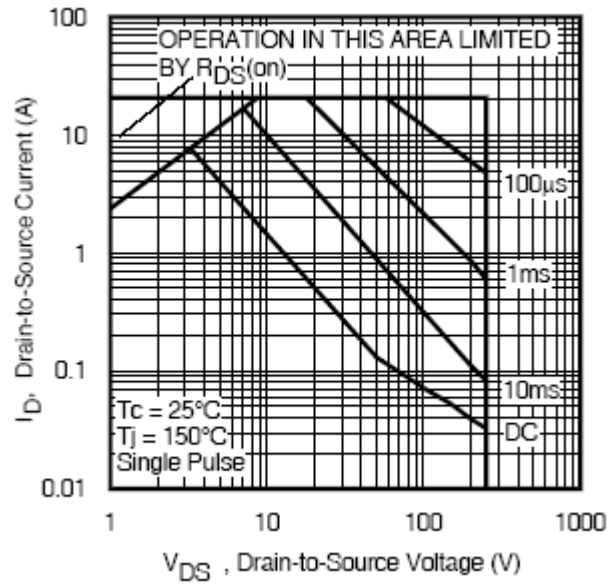


IRHF57234SE

From

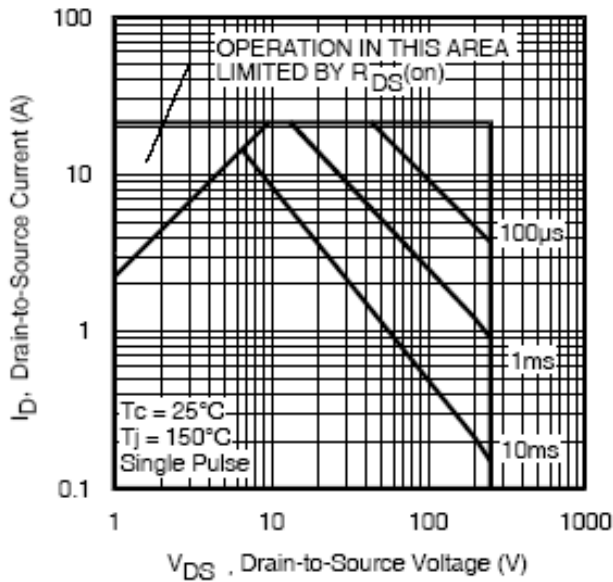


To



IRHE57234SE

From



To

