

PRODUCT CHANGE NOTICE

1. TITLE IR RADHard™ Power MOSFET / R6 Performance Change	2. DOCUMENT NUMBER FV5-C-10-0003
	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 change / update for 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.	MOSFET Part Descriptions				
	Die Information				Package Type
	Gen.	Size	Voltage	Type	
IRHNA67160	R6	6	100V	N-ch	SMD-2
IRHNA67164	R6	6	150V	N-ch	SMD-2
IRHNA67260	R6	6	200V	N-ch	SMD-2
IRHNA67264	R6	6	250V	N-ch	SMD-2
IRHMS67160	R6	6	100V	N-ch	TO-254
IRHMS67164	R6	6	150V	N-ch	TO-254
IRHMS67260	R6	6	200V	N-ch	TO-254
IRHMS67264	R6	6	250V	N-ch	TO-254
IRHNJ67130	R6	3	100V	N-ch	SMD-0.5
IRHNJ67134	R6	3	150V	N-ch	SMD-0.5
IRHNJ67230	R6	3	200V	N-ch	SMD-0.5
IRHNJ67234	R6	3	250V	N-ch	SMD-0.5
IRHYS67130CM	R6	3	100V	N-ch	TO-257
IRHYS67134CM	R6	3	150V	N-ch	TO-257
IRHYS67230CM	R6	3	200V	N-ch	TO-257
IRHYS67234CM	R6	3	250V	N-ch	TO-257

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.

15. APPROVAL DATE NOT APPLICABLE	16. APPROVING GOVERNMENT ACTIVITY NOT APPLICABLE
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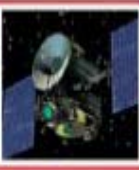
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE February 11, 2010
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Hi-Rel

IR Global Change for DC-SOA (for RH, R6, N-channel)

Slash Sheet	Part No.	WAS	Updated
760 (Rev. - ... Initial)	2N7579U2 (IRHNA67160)	<p>Operation in this area limited by RDS(on)</p>	<p>Operation in this area limited by RDS(on)</p>
	2N7581U2 (IRHNA67164)	<p>Operation in this area limited by</p>	<p>Operation in this area limited by RDS(on)</p>
	2N7583U2 (IRHNA67260)	<p>Operation in this area limited by</p>	<p>Operation in this area limited by RDS(on)</p>
	2N7585U2 (IRHNA67264)	<p>Operation in this area limited by RDS(on)</p>	<p>Operation in this area limited by RDS(on)</p>



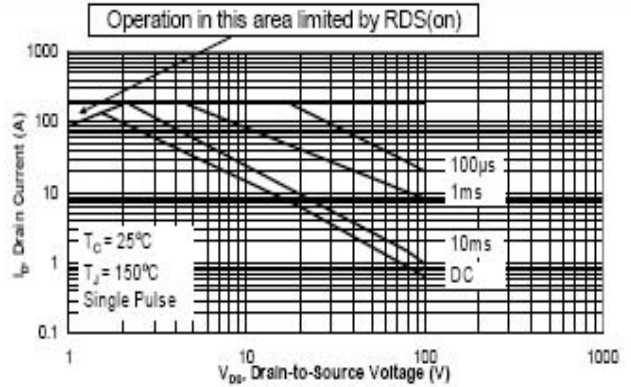
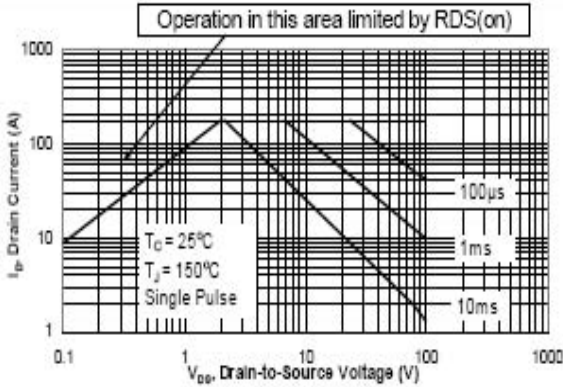
International Rectifier



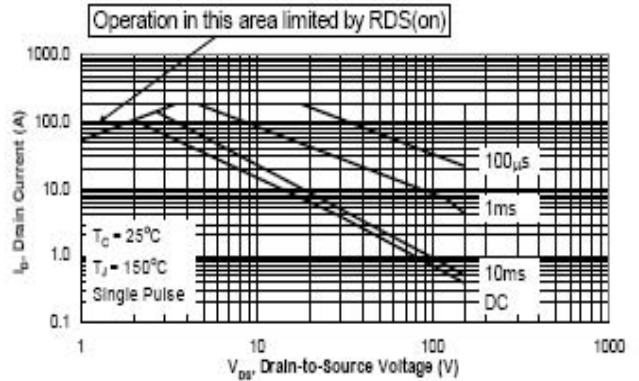
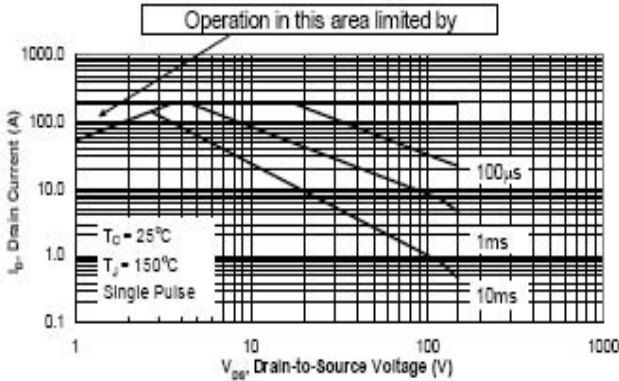
Hi-Rel

753 (Rev. A-IR to Rev. A)

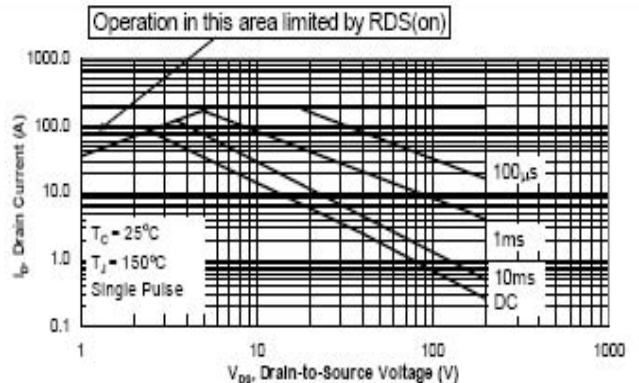
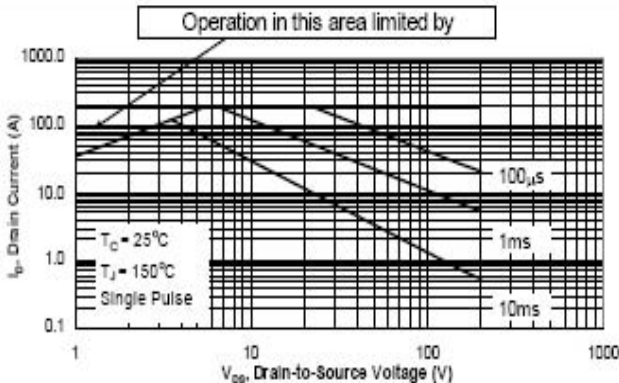
IR2N7580T1 (IRHMS67160)



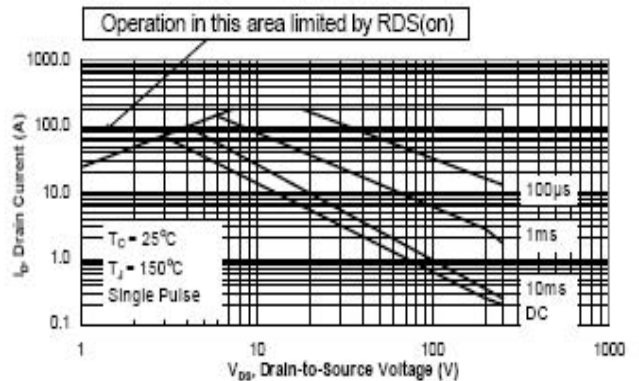
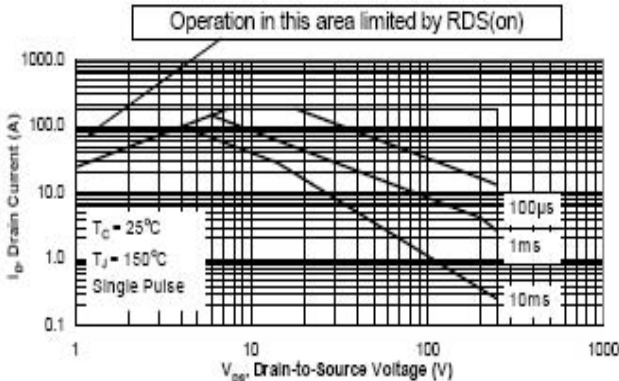
2N7582T1 (IRHMS67164)



2N7584T1 (IRHMS67260)



2N7586T1 (IRHMS67264)



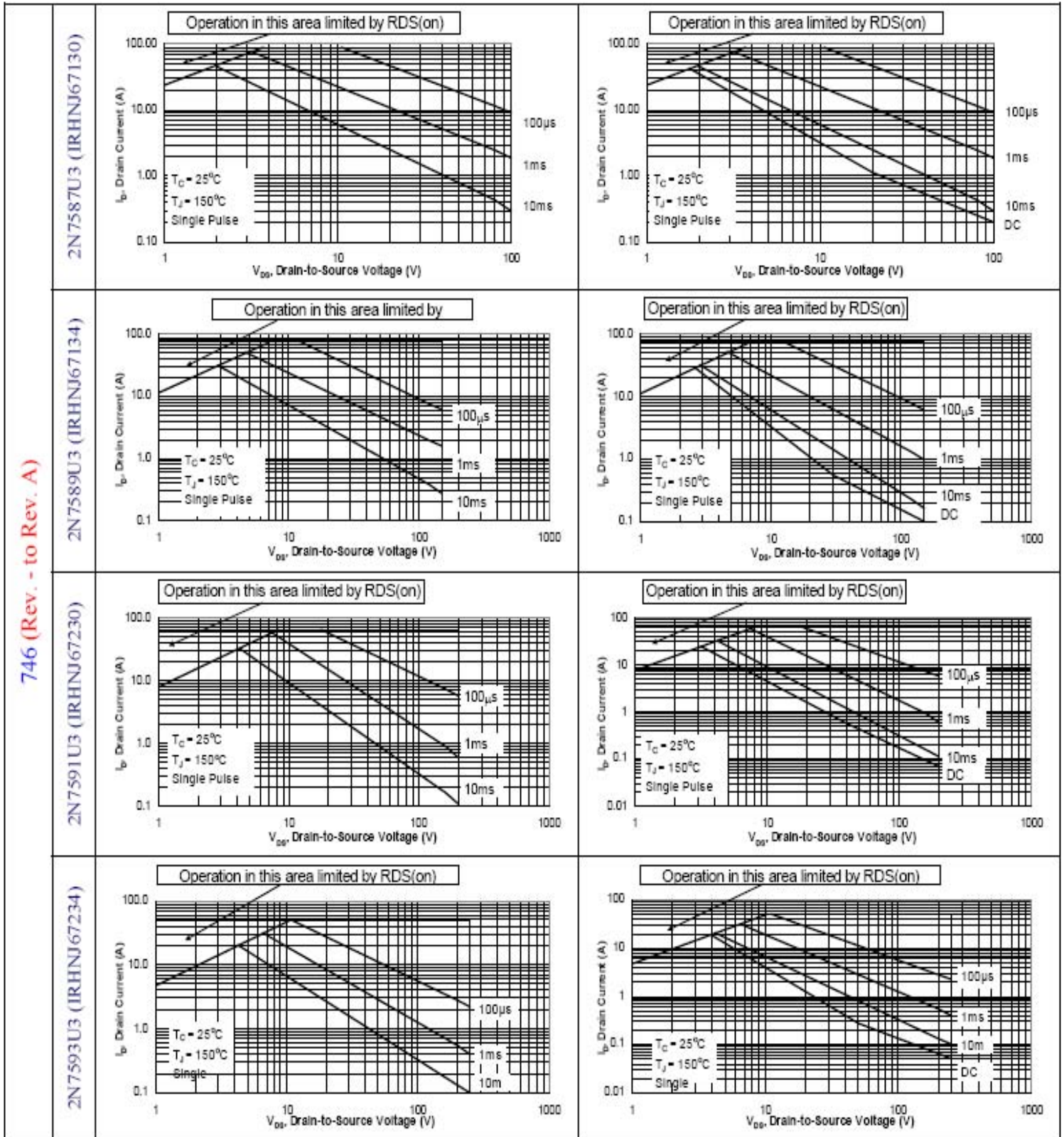


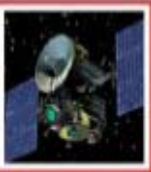
International Rectifier



Hi-Rel

746 (Rev. - to Rev. A)





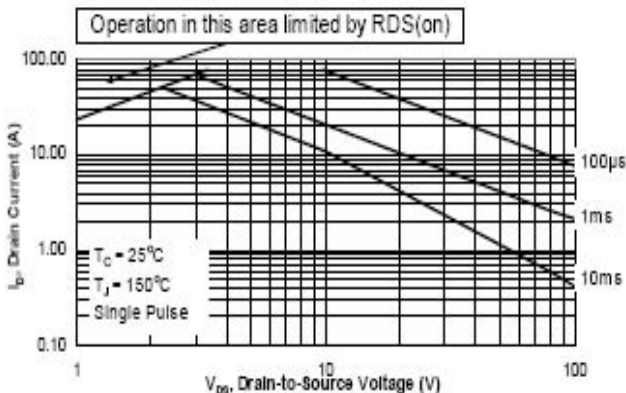
International Rectifier



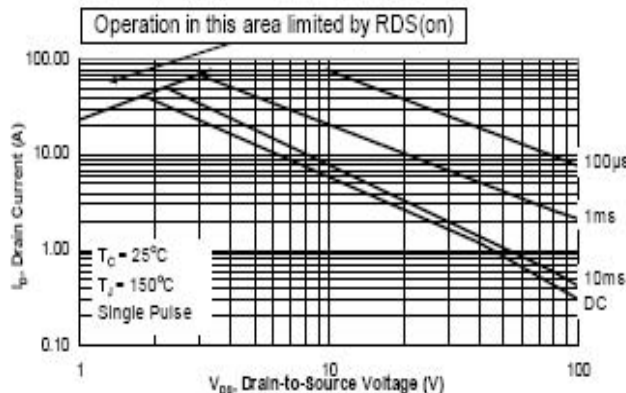
Hi-Rel

755 (Rev. - ... Initial)

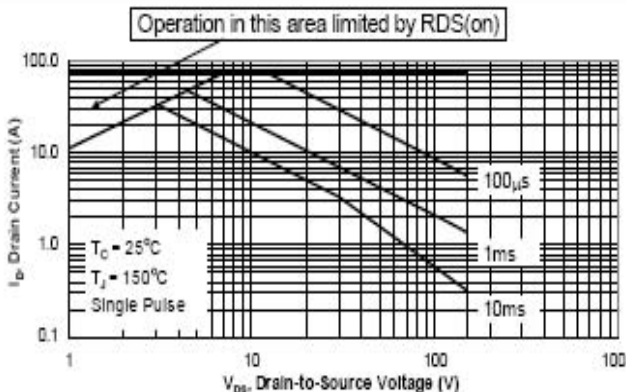
2N7588T3 (IRHYS67130CM)



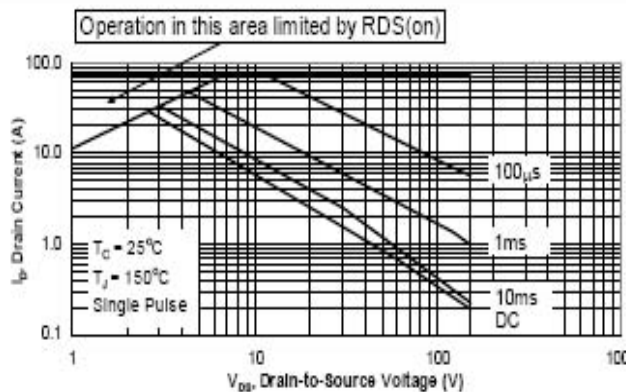
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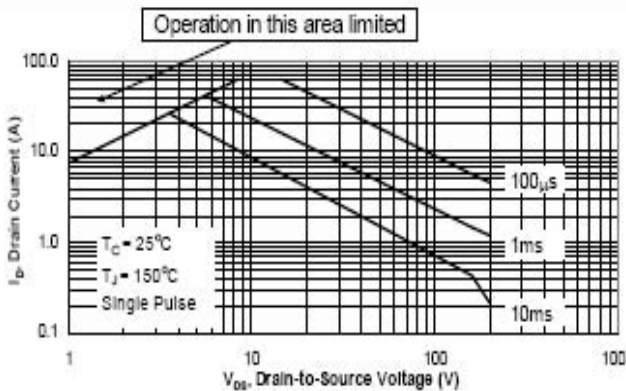
2N7590T3 (IRHYS67134CM)



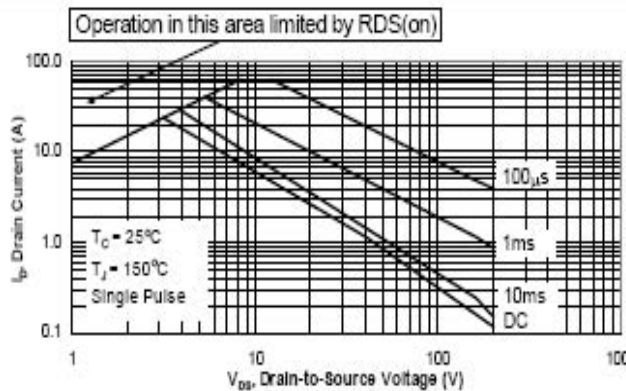
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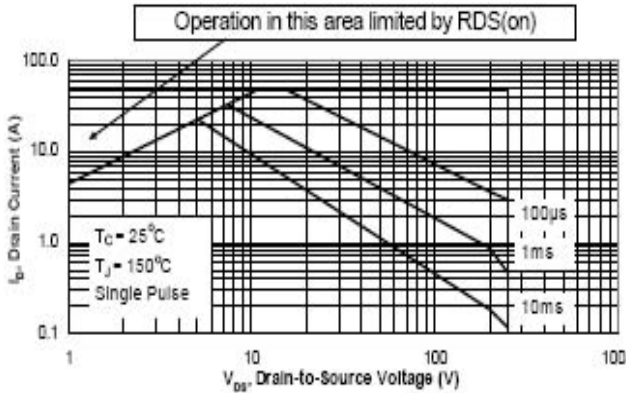
2N7592T3 (IRHYS67230CM)



2N7592T3 (IRHYS67230CM)



2N7594T3 (IRHYS67234CM)



2N7594T3 (IRHYS67234CM)

