

PRODUCT CHANGE NOTICE

1. TITLE IRHNJ9A7130 Electrical Characteristics		2. DOCUMENT NUMBER FV5-C-18-0055
		3. DATE May 1, 2018

4. MANUFACTURER AND ADDRESS International Rectifier HiRel Products, Inc 205 Crawford Street Leominster, MA 01453	5. MANUFACTURER PART NUMBER See below for IR Part Numbers
	6. BASE PART NA
	7. NATIONAL STOCK NUMBER (NSN) NA


8. CAGE 69210	9. EFFECTIVE DATE May 1, 2018	10. GOVERNMENT NUMBER NA
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11. POINT OF CONTACT Manufacturer's Representative or Account Specialist (978) 534-5776	12. DRAWING NUMBER NA
	13. SPECIFICATION NUMBER MIL-PRF-19500/775

14. PRODUCT CHANGE

This GIDEP PCN is to announce specifications change with the datasheet parameters for the following International Rectifier Part No. Note that this change is related to part specification only, and not due to a die physical change.

IRHNJ9A7130 [2N7648]
100V, 100kRad Single N-Channel, TID Hardened MOSFET in a SMD-0.5 package



ABSOLUTE MAXIMUM RATINGS
EAS [Single Pulse Avalanche Energy], change Abs Max rating from 58 to 605mj


SOURCE-DRAIN DIODE RATINGS AND CHARACTERISTICS
trr [Reverse Recovery Time], add 140 typ
Qrr [Reverse Recovery Charge], add .82 typ, delete 1.2 max

FOOTNOTE
Note 2, change L=0.95uH to L=2.5mH, and change IL=35A to IL=22A

Replaced Figure 14 EAS vs Tj curve

Reference Datasheet PD-97843

16. APPROVING GOVERNMENT ACTIVITY		
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17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE May 1, 2018
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