


PRODUCT CHANGE NOTICE

1. TITLE RIC7S113, Die Attach Method		2. DOCUMENT NUMBER FV5-C-19-0028
		3. DATE April 2, 2019
4. MANUFACTURER AND ADDRESS International Rectifier HiRel Products, Inc 205 Crawford Street Leominster, MA 01453		5. MANUFACTURER PART NUMBER RIC7S113A4, RIC7S113E4, RIC7S113L4
		6. BASE PART RIC7S113 part family
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE Date Code 1827	10. GOVERNMENT NUMBER NA
11. POINT OF CONTACT Manufacturer's Representative or Account Specialist (978) 534-5776		12. DRAWING NUMBER NA
		13. SPECIFICATION NUMBER MIL-PRF-38535 / Class B and Class S
14. PRODUCT CHANGE This GIDEP PCN is to announce part construction change for the following International Rectifier HiRel Part Number. Note that this change is related to die attach and IC backmetal only, and does not affect product performance or electrical characteristics. RIC7S113A4, RIC7S113E4, RIC7S113L4 RadHard High and Low Side 400V MOSFET and IGBT Gate Driver PRODUCT CONSTRUCTION IR HiRel has made a change to the die attach method. 1) Backside metal was added to the RIC7S113 Integrated Circuit (IC). 2) Die attach was change from epoxy (Type 8700K) to solder (type 95Pb/5Sn). 3) Product was qualified in accordance with MIL-PRF-38535, MIL-STD-883, TM5005 Class S level. Note that this change is only effective for the RADHard IC (it does not affect the IR2110 series). Reference: IR Datasheet PD-97826, PD-97827, PD-97828		
16. APPROVING GOVERNMENT ACTIVITY		
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE April 2, 2019

