


PRODUCT CHANGE NOTICE

1. TITLE IR2110 Update - QCI B5 Life		2. DOCUMENT NUMBER FV5-C-16-0010
		3. DATE November 27, 2015
4. MANUFACTURER AND ADDRESS International Rectifier, HiRel Products Inc 205 Crawford Street Leominster, MA 01453		5. MANUFACTURER PART NUMBER IR2110E4SCS, IR2110L4SCS
		6. BASE PART IR2110 part family
		7. NATIONAL STOCK NUMBER (NSN) NA
8. CAGE 69210	9. EFFECTIVE DATE Date Code 1548	10. GOVERNMENT NUMBER N/A
11. POINT OF CONTACT Manufacturer's Representative or Customer Service Representative (978) 534-5776		12. DRAWING NUMBER N/A
		13. SPECIFICATION NUMBER MIL-PRF-38535 / MIL-STD-883 TM5005
14. PRODUCT CHANGE This GIDEP PCN is to announce a change in the product QCI flow as follows: QCI life test methodology (Class S) – QCI group B5 life test process for space (S) level, IC products will be redefined in two stages. Stage 1 - Life test (1,000 hours @125C) will be performed on each wafer lot as part of wafer lot acceptance. During incoming inspection a sample of 5 die from each wafer (minimum of 5 die from each wafer, 45 die minimum) will be subjected to 1,000 hour life test, similar to element evaluation requirements in MIL-PRF-38534, Class K. Stage 2 – Life test will be performed at the packaged product level in QCI group B5 for Class S inspection lots. A sample will be submitted to 340 hours burn-in at 125C. Sample inspection for small lots will be 12 parts, and 22 parts for large lots. Small lots shall not exceed 1,000 parts.		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE Paul Hebert	18. SIGNATURE 	19. DATE November 27, 2015