


# PRODUCT CHANGE NOTICE

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|--|--|---|
| 1. TITLE<br><b>IRF450 Electrical Characteristics</b>   |  | 2. DOCUMENT NUMBER<br><b>FV5-C-19-0034</b>                          |
|  |  | 3. DATE<br><b>April 30, 2019</b>                                    |
| 4. MANUFACTURER AND ADDRESS<br><b>International Rectifier HiRel Products, Inc<br/>205 Crawford Street<br/>Leominster, MA 01453</b>   |  | 5. MANUFACTURER PART NUMBER<br><b>See below for IR Part Numbers</b> |
|  |  | 6. BASE PART<br><b>NA</b>   |
|  |  | 7. NATIONAL STOCK NUMBER (NSN)<br><b>NA</b>                         |
| 8. CAGE<br><b>69210</b>  | 9. EFFECTIVE DATE<br><b>April 30, 2019</b>   | 10. GOVERNMENT NUMBER<br><b>NA</b>                                  |
| 11. POINT OF CONTACT<br><b>Manufacturer's Representative or<br/>Account Specialist (978) 534-5776</b>  |  | 12. DRAWING NUMBER<br><b>NA</b>                                     |
|  |  | 13. SPECIFICATION NUMBER<br><b>MIL-PRF-19500</b>                    |
| 14. PRODUCT CHANGE<br><br>This GIDEP PCN is to announce specifications change (correction) 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.<br><br><b>IRF450 [2N6770]</b><br>500V Single N-Channel Hi-Rel MOSFET in a TO-204AA package<br><br>Absolute Maximum Ratings<br>Id [Continuous Drain Current], change VGS test condition at 25°C and 100°C from 0V to 10V<br><br>Source-Drain Diode Ratings and Characteristics<br>Trr [Reverse Recovery Time], change VDD test condition from 50V to 30V<br><br>Reference: IR Datasheet PD-90330 |  |   |
|  |  | 16. APPROVING GOVERNMENT ACTIVITY                                   |
| 17. GIDEP REPRESENTATIVE<br><b>Paul Hebert</b>   | 18. SIGNATURE<br> | 19. DATE<br><b>April 30, 2019</b>                                   |

