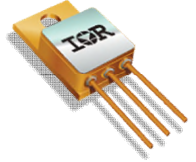



# PRODUCT CHANGE NOTICE

1. TITLE <b>35CGQ100 Electrical Characteristics</b>		2. DOCUMENT NUMBER <b>FV5-C-19-0080</b>
		3. DATE <b>September 2, 2019</b>
4. MANUFACTURER AND ADDRESS <b>International Rectifier HiRel Products, Inc 205 Crawford Street Leominster, MA 01453</b>		5. MANUFACTURER PART NUMBER <b>See below for IR Part Numbers</b>
		6. BASE PART <b>NA</b>
		7. NATIONAL STOCK NUMBER (NSN) <b>NA</b>
8. CAGE <b>69210</b>	9. EFFECTIVE DATE <b>September 2, 2019</b>	10. GOVERNMENT NUMBER <b>NA</b>
11. POINT OF CONTACT <b>Manufacturer's Representative or Account Specialist (978) 534-5776</b>		12. DRAWING NUMBER <b>NA</b>
		13. SPECIFICATION NUMBER <b>MIL-PRF-19500/762</b>
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 and due to a die physical change.  <b>35CGQ100 [1N7062CCT1]</b> 35A, 100V Schottky, Common Cathode Diode in a TO-254AA package    <b>Electrical Specifications</b>  V <sub>FM</sub> [Max. Forward Voltage Drop], T <sub>J</sub> = 25°C, I <sub>F</sub> @ 15A, change max spec from 0.79 to 0.82 V V <sub>FM</sub> [Max. Forward Voltage Drop], T <sub>J</sub> = -55°C, I <sub>F</sub> @ 15A, change max spec from 0.76 to 0.90 V V <sub>FM</sub> [Max. Forward Voltage Drop], T <sub>J</sub> = -55°C, I <sub>F</sub> @ 30A, change max spec from 0.98 to 1.05 V V <sub>FM</sub> [Max. Forward Voltage Drop], T <sub>J</sub> = -55°C, I <sub>F</sub> @ 35A, change max spec from 1.06 to 1.08 V  <b>Die Dimension</b>  Die size change from 0.150" x 0.180" to 0.158" x 0.158".  Reference Datasheet PD-94015 for additional part identifier information.		
		16. APPROVING GOVERNMENT ACTIVITY
17. GIDEP REPRESENTATIVE <b>Paul Hebert</b>	18. SIGNATURE 	19. DATE <b>September 2, 2019</b>