

# PRODUCT CHANGE NOTICE

1. TITLE <b>AHF2815D, Electrical Characteristics</b>		2. DOCUMENT NUMBER <b>FV5-C-19-0074</b>	
		3. DATE <b>08/13/2019</b>	
4. MANUFACTURER AND ADDRESS <b>International Rectifier HiRel Products, Inc 2520 Junction Ave San Jose, CA, 95134</b>		5. MANUFACTURER PART NUMBER <b>See List Below</b>	
		6. BASE PART <b>AHF2815D</b>	
		7. NATIONAL STOCK NUMBER (NSN) <b>N/A</b>	
8. CAGE <b>52467</b>	9. EFFECTIVE DATE <b>08/13/2019</b>	10. GOVERNMENT NUMBER <b>N/A</b>	
11. POINT OF CONTACT <b>Manufacturer's Representative</b>		12. DRAWING NUMBER <b>5962-9235101</b>	
		13. SPECIFICATION NUMBER <b>MIL-PRF-38534</b>	
14. PRODUCT CHANGE This GIDEP PCN is to announce specification changes and corrections with the datasheet parameters for the following International Rectifier Part No. Note that this change is related to part specification correction only.  <b>AHF2815D</b> [SMD 5962-9235101] 12W Total Output Power 28 Vin +/-15 Vout Dual DC-DC Standard Converter in an AHF Package  <b>Electrical Performance Characteristics</b>  Load regulation [VR <sub>LOAD</sub> ], change maximum specification limit from 35 mV to 50 mV  <b>Editorial Corrections to Test Conditions:</b> Line Regulation [VR <sub>LINE</sub> ], change I <sub>OUT</sub> from 0, 400 and 800mA to 0, 200 and 400mA Load Regulation [VR <sub>LOAD</sub> ], change I <sub>OUT</sub> from 0, 400 and 800mA to 0, 200 and 400mA Input Ripple Current [IRIP], change I <sub>OUT</sub> from 800mA to 400mA Efficiency [EFF], change I <sub>OUT</sub> from 800mA to 400mA Switching Frequency [FS], change I <sub>OUT</sub> from 800mA to 400mA Output Response to Step Transient Load Changes [VO <sub>TLOAD</sub> ], change I <sub>OUT</sub> from 400mA to/from 800mA to 200mA to/from 400mA Output Response to Step Transient Load Changes [VO <sub>TLOAD</sub> ], change I <sub>OUT</sub> from 0A to/from 400mA to 0A to/from 200mA Recovery Time Step Transient Load Changes [TT <sub>LOAD</sub> ], change I <sub>OUT</sub> from 400mA to/from 800mA to 200mA to/from 400mA Recovery Time Step Transient Load Changes [TT <sub>LOAD</sub> ], change I <sub>OUT</sub> from 0A to/from 400mA to 0A to/from 200mA Output Response Transient Step Line Changes [VO <sub>TLINE</sub> ], change I <sub>OUT</sub> from 800mA to 400mA Recovery Time Transient Step Line Changes [TT <sub>LINE</sub> ], change I <sub>OUT</sub> from 800mA to 400mA Turn on Overshoot [VT <sub>ONos</sub> ], change I <sub>OUT</sub> from 0 and 800mA to 0 and 400mA Turn on Delay [T <sub>OND</sub> ], change I <sub>OUT</sub> from 0 and 800mA to 0 and 400mA			
15. APPROVAL DATE		16. APPROVING GOVERNMENT ACTIVITY	
17. GIDEP REPRESENTATIVE Paul Hebert		18. SIGNATURE 	19. DATE August 15, 2019



## Part Numbers Affected

<b>Standard microcircuit drawing PIN</b>	<b>IR HiRel PN</b>
5962-9235101HXA	AHF2815D/CH
5962-9235101HXC	AHF2815D/CH
5962-9235101HZA	AHF2815DF/CH
5962-9235101HZC	AHF2815DF/CH

Reference Datasheet PD-94541 for additional part identifier information.