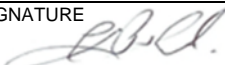


PRODUCT CHANGE NOTICE

1. TITLE AHF2812D, Electrical Characteristics		2. DOCUMENT NUMBER FV5-C-19-0073	
		3. DATE 08/13/2019	
4. MANUFACTURER AND ADDRESS International Rectifier HiRel Products, Inc 2520 Junction Ave San Jose, CA, 95134		5. MANUFACTURER PART NUMBER See List Below	
		6. BASE PART AHF2812D	
		7. NATIONAL STOCK NUMBER (NSN) N/A	
8. CAGE 52467	9. EFFECTIVE DATE 08/13/2019	10. GOVERNMENT NUMBER N/A	
11. POINT OF CONTACT Manufacturer's Representative		12. DRAWING NUMBER 5962-9211101	
		13. SPECIFICATION NUMBER MIL-PRF-38534	
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. AHF2812D [SMD 5962-9211101] 12W Total Output Power 28 Vin +/-12 Vout Dual DC-DC Standard Converter in an AHF Package Electrical Performance Characteristics Load regulation [VR _{LOAD}], change maximum specification limit from 30 mV to 50 mV Editorial Corrections to Test Conditions: Line Regulation [VR _{LINE}], change I _{OUT} from 0, 500 and 1000mA to 0, 250 and 500mA Load Regulation [VR _{LOAD}], change I _{OUT} from 0, 500 and 1000mA to 0, 250 and 500mA Input Ripple Current [IRIP], change I _{OUT} from 1000mA to 500mA Efficiency [EFF], change I _{OUT} from from 1000mA to 500mA Switching Frequency [FS], change I _{OUT} from 1000mA to 500mA Output Response to Step Transient Load Changes [VO _{TLOAD}], change I _{OUT} from 500mA to/from 1000mA to 250mA to/from 500mA Output Response to Step Transient Load Changes [VO _{TLOAD}], change I _{OUT} from 0A to/from 500mA to 0A to/from 250mA Recovery Time Step Transient Load Changes [TT _{LOAD}], change I _{OUT} from 500mA to/from 1000mA to 250mA to/from 500mA Recovery Time Step Transient Load Changes [TT _{LOAD}], change I _{OUT} from 0A to/from 500mA to 0A to/from 250mA Output Response Transient Step Line Changes [VO _{TLINE}], change I _{OUT} from 1000mA to 500mA Recovery Time Transient Step Line Changes [TT _{LINE}], change I _{OUT} from 1000mA to 500mA Turn on Overshoot [VT _{ONOS}], change I _{OUT} from 0 and 1000mA to 0 and 500mA Turn on Delay [T _{OND}], change I _{OUT} from 0 and 1000mA to 0 and 500mA			
15. APPROVAL DATE		16. APPROVING GOVERNMENT ACTIVITY	
17. GIDEP REPRESENTATIVE Paul Hebert		18. SIGNATURE 	19. DATE August 15, 2019



Part Numbers Affected

Standard microcircuit drawing PIN	IR HiRel PN
5962-9211101HXA	AHF2812D/CH
5962-9211101HXC	AHF2812D/CH
5962-9211101HZA	AHF2812DF/CH
5962-9211101HZC	AHF2812DF/CH

Reference Datasheet PD-94541 for additional part identifier information.