
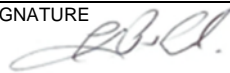


PRODUCT CHANGE NOTICE

1. TITLE AHF2805D, Electrical Characteristics		2. DOCUMENT NUMBER FV5-C-19-0072	
		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 AHF2805D	
		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 5962-0520501	
		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. AHF2805D [SMD 5962-0520501] 12W Total Output Power 28 Vin +/-5 Vout Dual DC-DC Standard Converter in an AHF Package			
			
Electrical Performance Characteristics			
Output current [I _{out}], change minimum specification limit from 120 mA to 240 mA Output current [I _{out}], change maximum specification limit from 1,080 mA to 2,160 mA Load regulation [V _{RLOAD}], change maximum specification limit from 30 mV to 50 mV			
Editorial Corrections to Test Conditions:			
Line Regulation [V _{RLINE}], change I _{OUT} from 0, 1.2 and 2.4A to 0, 0.6 and 1.2A Load Regulation [V _{RLOAD}], change I _{OUT} from 0, 1.2 and 2.4A to 0, 0.6 and 1.2A Input Ripple Current [I _{RIP}], change I _{OUT} from 2.4A to 1.2A Efficiency [E _{FF}], change I _{OUT} from 2.4A to 1.2A Switching Frequency [F _s], change I _{OUT} from 2.4A to 1.2A Output Response to Step Transient Load Changes [V _O T _{LOAD}], change I _{OUT} from 1.2A to/from 2.4A to 0.6A to/from 1.2A Output Response to Step Transient Load Changes [V _O T _{LOAD}], change I _{OUT} from 0A to/from 1.2A to 0A to/from 0.6A Recovery Time Step Transient Load Changes [T _T LOAD], change I _{OUT} from 1.2A to/from 2.4A to 0.6A to/from 1.2A Recovery Time Step Transient Load Changes [T _T LOAD], change I _{OUT} from 0A to/from 1.2A to 0A to/from 0.6A Output Response Transient Step Line Changes [V _O T _{LINE}], change I _{OUT} from 2.4A to 1.2A Recovery Time Transient Step Line Changes [T _T LINE], change I _{OUT} from 2.4A to 1.2A Turn on Overshoot [V _T ON _{OS}], change I _{OUT} from 0 and 2.4A to 0 and 1.2A Turn on Delay [T _{ON} D], change I _{OUT} from 0 and 2.4A to 0 and 1.2A			
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
5962-0520501HXA	AHF2805D/CH
5962-0520501HXC	AHF2805D/CH
5962-0520501HZA	AHF2805DF/CH
5962-0520501HZC	AHF2805DF/CH

Reference Datasheet PD-94541 for additional part identifier information.