



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Environmental Specifications

Operating temperature	-20 °C to +100 °C (case temperature)
Start up temperature	-40 °C to +100 °C (case temperature)
Storage temperature	-40 °C to +125 °C
Overtemperature protection	110 °C max

Ordering Information

Input Voltage	Output Voltage	Efficiency	Model Number
300 V	1.8 V @ 120 A	80% (Typ)	AIF120Y300
300 V	3.3 V @ 120 A	87% (Typ)	AIF120F300
300 V	5.0 V @ 80 A	90% (Typ)	AIF80A300
300 V	12 V @ 50 A	90% (Typ)	AIF50B300
300 V	15 V @ 40 A	90% (Typ)	AIF40C300
300 V	24 V @ 25 A	90% (Typ)	AIF25H300

1. For Negative enable, add suffix "-N".
2. For Non-thread hole, add suffix "-NT".
3. For RoHS 6, add suffix "-L". Default is RoHS 5.

Pin Assignments

Input (AC)	Output (DC)	Control Pins
31. Positive	21. Positive	1. +Sense
32. Negative	22. Positive	2. Temp Mon
	23. Positive	3. C Mon
	24. Positive	4. C Share
	25. Negative	5. Clk Out
	26. Negative	6. Clk In
	27. Negative	7. PG/ID
	28. Negative	8. C Lim Adj
		9. OVP Adj
		10. V Adj
		11. Enable
		12. -Sense

