



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!



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PS8-250ATX

80 Plus 250W PS/2 Single Power Supply

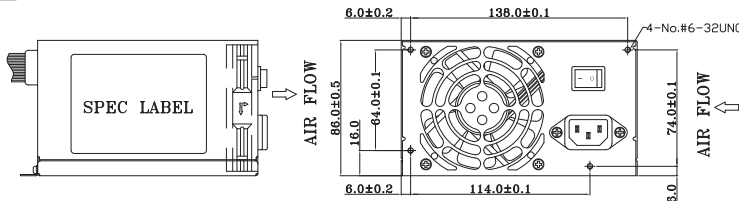
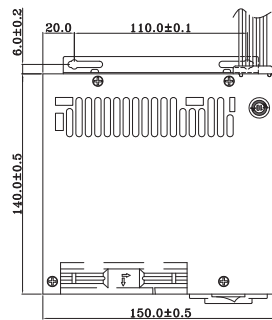
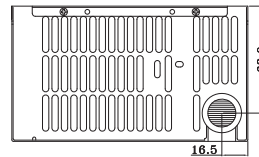
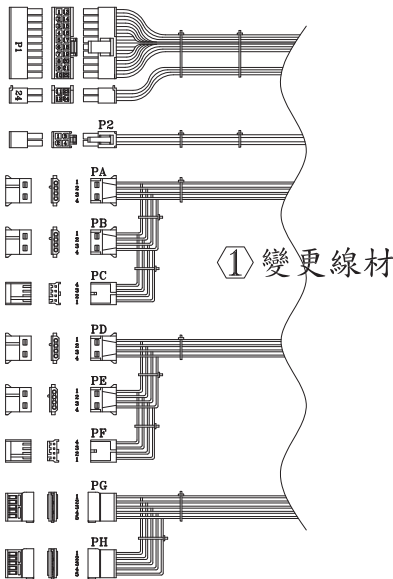


AC Input	Voltage	90 - 264 V		
	Frequency	47 - 63 Hz		
	Input Current	6A R.M.S Max.@115V full load 3A R.M.S Max.@230V full load		
DC Output	Voltage	Min. load (A)	Max. load (A)	Ripple & Noise (mVp-p)
	+3.3V	0	20.0	50
	+5V	0.5	21.0	50
	+12V1	0.5	16.0	120
	+12V2	0.5	16.0	120
	-5V	0	0.3	100
	-12V	0	0.3	120
	+5Vsb	0	2.5	50
OVP	+5V : 5.7V to 7.0V +12V1 & +12V2 : 13.3V to 16V +3.3V : 3.7V to 4.8V			
OCP	+3.3V, +5V, +12V1, +12V2			
General Spec.	Watt	250W		
	PFC	Active		
	MTBF	100,000 hrs @ 25° C		
	Temperature	Operating : 0 to 50° C		
		Storage : -20 to 80° C		
	Humidity	Operating : 5% to 85% RH, non-condensing		
		Storage : 5% to 95% RH, non-condensing		
	Dimension	86 x 150 x 140 mm (3.39" x 5.91" x 5.51")		
		20+4P ATX *1 PATA *4 FDD *2 SATA *2 4P-12V *1		
	Output Connector			



Dimensions

Unit: mm



REF. ID.	PIN NO.	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	CABLE LENGTH
P1	1	+3.3VDC	ORANGE	20	WST	500±15mm
	2	+3.3VDC	ORANGE	20	PA-	
	3	COM	BLACK	20	PA+	
	4	+5VDC	RED	20	PA-	
	5	COM	BLACK	20	PA+	
	6	+5VDC	RED	20		
	7	COM	BLACK	20		
	8	PS-ON	GRAY	22		
	9	+5Vsb	PURPLE	20		
	10	+12V2	YELLOW	20		
	11	+12V2	YELLOW	20		
	12	+3.3VDC	ORANGE	20		
	13	+3.3VDC	BROWN	22		
	14	-12VDC	BLUE	22		
	15	COM	BLACK	20		
	16	PS-ON	GREEN	22		
	17	COM	BLACK	20		
	18	COM	BLACK	20		
	19	COM	BLACK	20		
	20	-5VDC	WHITE	22		
	21	+5VDC	RED	20		
	22	+5VDC	RED	20		
	23	+5VDC	RED	20		
	24	COM	BLACK	20		
P2	1	COM	BLACK	20	MOLEX 39-01-2040	500±15mm
	2	COM	BLACK	20		
	3	+12V1	Yel/Black	20		
	4	+12V1	Yel/Black	20		
PA	1	+12V2	YELLOW	20	AMP	-0390±15mm
	2	COM	BLACK	20		
PD	1	+5V	RED	20	AMP	-0155±10mm
	2	COM	BLACK	20		
PB	1	+5V	RED	20	AMP	-0155±10mm
	2	COM	BLACK	20		
PE	1	+5V	RED	20	AMP	-0155±10mm
	2	COM	BLACK	20		
PC	1	+5V	RED	22	AMP	-0155±10mm
	2	COM	BLACK	22		
PF	1	+12V2	YELLOW	22	AMP	-0390±15mm
	2	COM	BLACK	20		
PG	1	+3.3VDC	ORANGE	20	MOLEX SD-67582-001	390±15mm
	2	COM	BLACK	20		
	3	+5V	RED	20		
	4	COM	BLACK	20		
PH	1	+12V2	YELLOW	20	MOLEX SD-67582-001	155±10mm
	2	COM	BLACK	20		
	3	+5V	RED	20		
	4	COM	BLACK	20		
	5	+12V2	YELLOW	20		

Ordering Information

Part Number	Description
PS8-250ATX-ZE	80 Plus 250W PS/2 Single Power Supply