

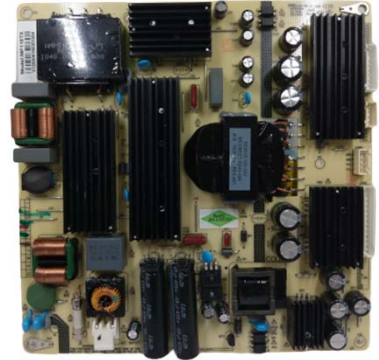
PU-192

Switching Mode Power Supply



Features

- Suitable for large size LCD display and all-in-one devices
- Universal AC 90-264V 50/60Hz 3A input
- 192W max with 5V, 12V and 24V output
- DC output over current and short circuit protection
- Comply with EN55013, EN55022 class B EMI standard
- Comply with FCC part 15 class B EMI standard
- Comply with EN61000-4-2, 4, 5, 11 EMS standard



Specifications

Input	Normal input voltage	AC 100 ~ 240Vdc
	Max. input current	3A @90Vac
	Max i/p inrush current	100A @100Vac
AC input connector CON1 (JST VH*)	Pin #1	N (Nuture)
	Pin #2	X (no connection)
	Pin #3	L (Line)
Output characteristics	Min. efficiency	82%@100Vac full load
	Max. ripple	80mVpp for 5V
		120 mVpp for 12V
240 mVpp for 24V		
Output current	5V SB	0.5A, 1.5A peak
	5V	2.0A, 3.5A peak
	12V	5.0A, 8.0A peak
	24V	5.0A, 7.0A peak

Output connector #1 CON2 (JST- XH*)	Pin #1, 2, 9, 10, 11	Ground
	Pin #5	PSON (On=high)
	Pin #6	DC5V SB
Output connector #2 CON3 (JST- XH*)	Pin #3, 4, 7, 8	DC 5V output
	Pin #12, 13	DC12V output
Output connector #3 CON4 (JST- XH*)	Pin #1, 2	DC 24V output
Output connector #4 CON5 (JST- XH*)	Pin #5, 6, 7, 8	Ground
	Pin #1, 2	DC 12V output
Dimension	180 (L) x 180 (W) x 14 (H) mm	
Temperature	Operation	-10 ~ 40 degree C
	Storage	-20 ~ 80 degree C

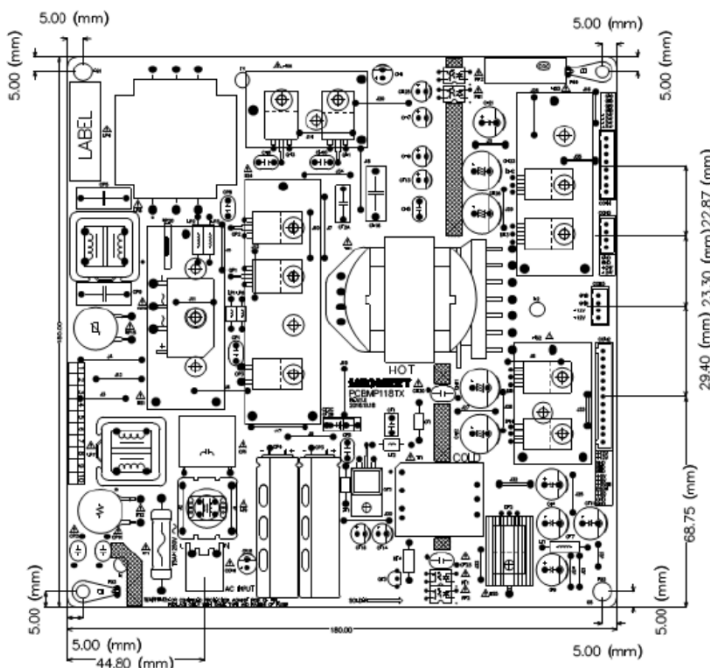
* VH pitch=3.96mm, XH pitch=2.5mm.

Ordering information

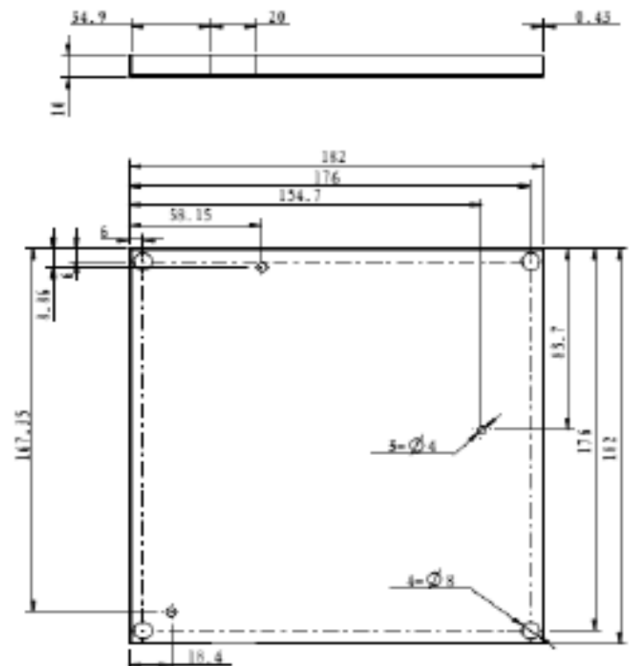
- Accessory :
 - 1). Wire connected to SDT scaler board
 - 2). Wire connected to LCD panel (* Please identify LCD panel part number)
- Selected options :
 - 1). AC power cord (* Please identify plug type)

Product drawing

PCB dimension



Insulated mylar dimension



* All specification and photos are subject to change without notice.