

LED Driver Board Specification Sheet

Model No. LD202 (Part No.: CPCB-LD202P1-)

Main Feature:

- ◎ $\pm 1.5\%$ Accurate LED Current Matching (Typ.)
- ◎ Wide Input Voltage Range: 10V to 30V
- ◎ Drives 4 channels of LEDs at 60mA
- ◎ Output Voltage Up to 80V
- ◎ Operating temperature : $0^{\circ}\text{C} \sim 55^{\circ}\text{C}$
- ◎ Storage temperature range: -40°C to $+60^{\circ}\text{C}$
- ◎ Operating humidity range : 0% to 80% (Non-condensing)
- ◎ Storage humidity range : 0% to 80% (Non-condensing)
- ◎ Multi-protect functions : Support PWM dimming control
 - Power MOSFET over-current protection
 - LED short circuit protection
 - LED open string protection
 - LED return to ground short circuit protection
 - Over-temperature protection
 - Over-voltage protection

Panel Supporting list :

No.	Brand	Panel Size	Part No.	Load (Typ)
1	AUO	17"	M170ETN01.1	60mA x 4 / 28.8V
2	AUO	18.5"	M185XW01 VF	60mA x 4 / 34V
3	AUO	19"	G190ETN01.1	60mA x 4 / 42.3V
4	AUO	19"	M190EG02 V9	60mA x 4 / 41.6V
5	AUO	19"	M190ETN01.0	60mA x 4 / 35.2V
6	AUO	19"W	M190PW01 V8	60mA x 4 / 44.2V
7	AUO	21.5"	G215HAN01.3	60mA x 4 / 36.6V
8	AUO	21.5"	M215HW03 V1	60mA x 4 / 52.8V
9	AUO	21.5"	T215HVN01.0	60mA x 4 / 54.4V
10	AUO	21.5"	T215HVN01.1/ES7.0	60mA x 4 / 46.5V
11	HSD	19"	190MEN06-A	60mA x 4 / 44.2V
12	HSD	25" (Note 1)	250MUW3-A00	60mA x 3 / 44.8V
13	LG	19"	LM190E09-TAL1	60mA x 4 / 51.2V

(Note 1) Need 2 driver boards for each HSD 25" panel

(Above list are for reference only, please contact with sales for available panel supporting)

Connector Description:

Connector List:

Connector	Description	Note
CON1	Input	PH 2.0mm, 6Pin ,90° ,SMD
CON2	Output	PH 2.0mm, 8Pin , 90° ,SMD
CON3	Output	PH 1.0mm, 6Pin ,FPC,SMD,Option
CON4	Output	PH 0.5mm,10Pin ,FPC,SMD,Option
CON6	Input	PH 1.25mm, 9Pin ,90° ,SMD,Option

Pin Definition of Connector:

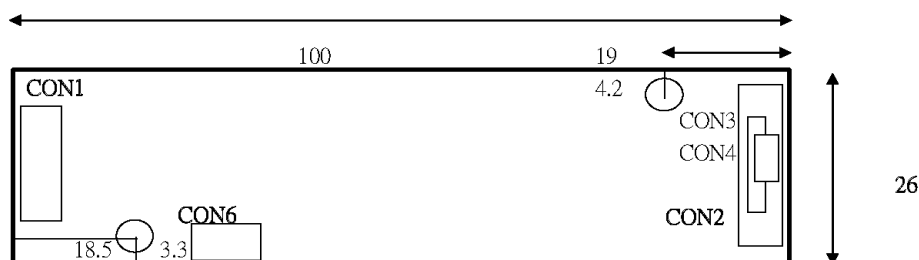
CON1: Input Connector (2.0 mm 6Pin)

Pin	Description	Note
1,2	12V Input	
3	Dimming Control	PWM:100Hz~30KHz/Min. Dim on time 6uS
4,6	GND	
5	ON/OFF Control	5V ON , 0V OFF

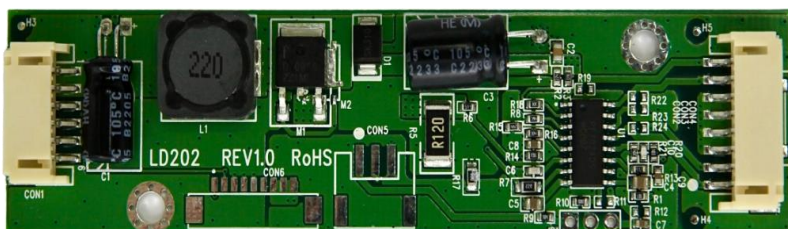
CON2: Output Connector (2.0 mm 8Pin)

Pin	Description	Note
3~6	LED Anode	VDC
1,2,7,8	LED Cathode	I _{sen1} ~I _{sen4}

Board Dimension :100mm*26mm



Board Photo :



※Specifications and product design are subject to change without notice.