

AD68862HP

Display Control Board, FHD

AD68862HP is a high integrated display controller solution for producing real time, top quality digital video and computer graphic images on LCD panel. The AD68862HP provides an ideal interface between industry standard digital graphics controllers and a wide variety of LCD panel devices. It has a HDMI and DP input.

Key Features

- Max Resolution Up To FHD (1920x1080)
- Support eDP & LVDS panel
- HDMI 1.4 Input (1920x1080@60Hz)
- eDP interface (2 Lanes)
- Dual/Single LVDS interface
- EN and PWM or DC dimming for backlight
- Support Panel DC 3.3V/5V/12V Output
- OSD Control
- External RS232 control (Optional)
- Input Power 12V DC or 24V DC (Optional)
- External Digital Light Sensor Brightness Control (Optional)
- External Light Sensor Brightness Control or VR (Optional)
- Support Output Voltage 12V(1A) or 5V(1A)



Specifications

V1

Model No.	AD68862HP
Max. Resolution	FHD (1920x1080)
Interface	eDP 2 Lanes, Dual/Single LVDS
Input Power	DC 12V or 24V
Panel Power Selection	3.3V, 5V, 12V
Video Input	HDMI, DP
Light Sensor	Yes (Optional)
RS232 Control Port	Yes (Optional)
External VR Control	Yes (Optional)
Board Dimension	100 x 72 mm
F / R Control Button	<input type="checkbox"/> 4 Key
<input type="checkbox"/> 4 Key	Power Switch, Menu, Select (+,-)
OSD Menu	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Operating Temperature	-20 °C ~ 70 °C
Storage Temperature	-30 °C ~ 85 °C

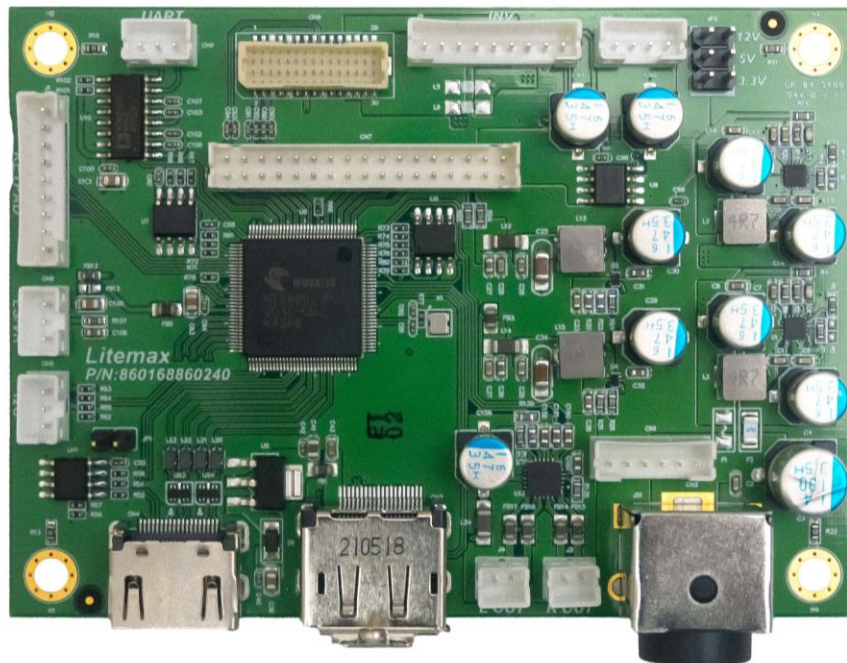
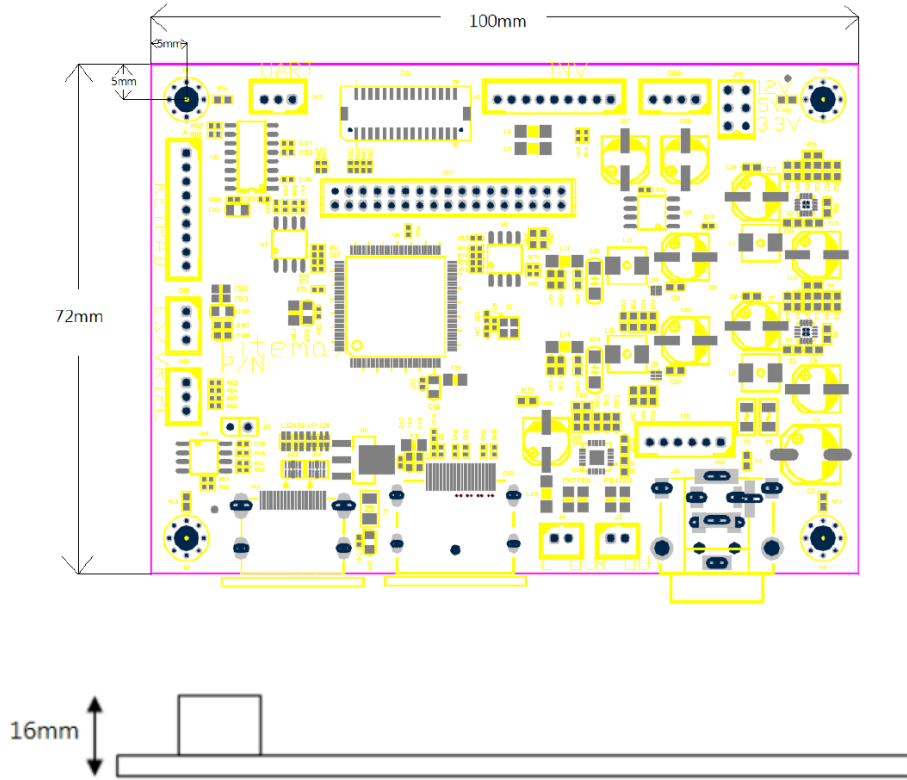
Specifications are subject to change without notice.

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Outline Dimensions

Unit:mm

AD68862HP 100mmx72mm





Ordering Information

Part Number	Description
880168862010	PCBA,AD,AD68862HP,V1,12VIN, PWM&DC ADJ,P

Optional Accessories

Part Number	Description
800807604000	CABLE,OTHER,LS,760mm,26AWG,2.0mm 2PLS3505-HC4,SA-57S A&B,BLE-L-308-N,AD2662, R
800805504000	CABLE,OTHER,DLS,550mm,26AWG,1.25mm 5P TO 2.0mm 2P/3P,R