



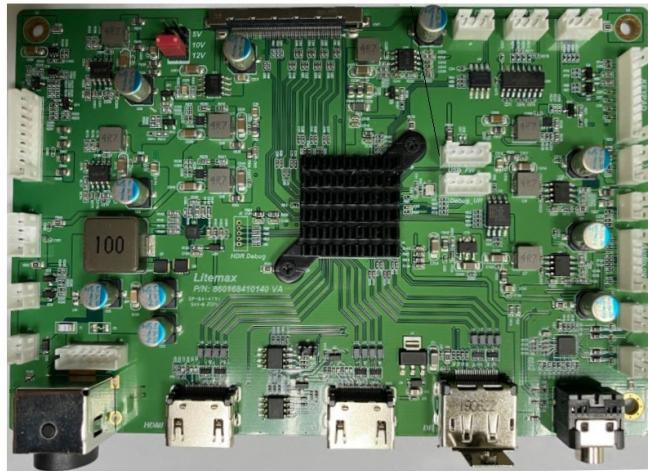
## AD68415HHP

### Display Control Board, UHD

AD68415HHP is a high integrated display controller solution for producing real time, top quality digital video and computer graphic images on LCD panel. The AD68415HHP provides an ideal interface between industry standard digital graphics controllers and a wide variety of LCD panel devices. It has a display port and two HDMI input.

#### Key Features

- Max Resolution Up To UHD (4096x2160)
- Support V-By-one or e-DP panel
- Two HDMI Input (HDMI 2.0)  
support 4Kx2K@60Hz
- Display Port Input (DP 1.2a)  
support 4Kx2K@60Hz
- V-By-one or e-DP interface
- Support PIP(1920x1080), PBP (Optional)
- Support Panel DC 5V/10V/12V Output
- OSD Control
- PWM/DC Dimming Control for Backlight Driver
- Input Power DC 24Vdc or 12Vdc (Optional)
- Embedded MCU with ADC port for light sensor application (Optional)
- Auto detect digital light sensor
- External Fan Control by Software
- EDID Code Protect Control by Software
- Audio line out and speaker output. (Optional)
- External RS232 control (Optional)
- Audio in and 4Wx2(4Ω)Audio Out (Optional)



#### Specifications

V1

Model No.	AD68415HHP
Max. Resolution	UHD (4096X2160)
Interface	V-By-one or e-DP
Input Power	DC 12V/24V (Optional)
Panel Power Selection	5V, 10V, 12V
Video Input	HDMIx2, Display Port
Light Sensor	Yes (Optional)
RS232 Control Port	Yes (Optional)
IR	Yes (Optional)
External VR Control	Yes (Optional)
Speaker	4W x2
Board Dimension	150 x 100 mm
F / R Control Button	<input type="checkbox"/> 5 Key
<input type="checkbox"/> 5 Key	Power Switch, Menu, Select (+,-), Exit
OSD Menu	Brightness, Color, Contrast, Auto Turing, H/V Position...etc

Specifications are subject to change without notice.

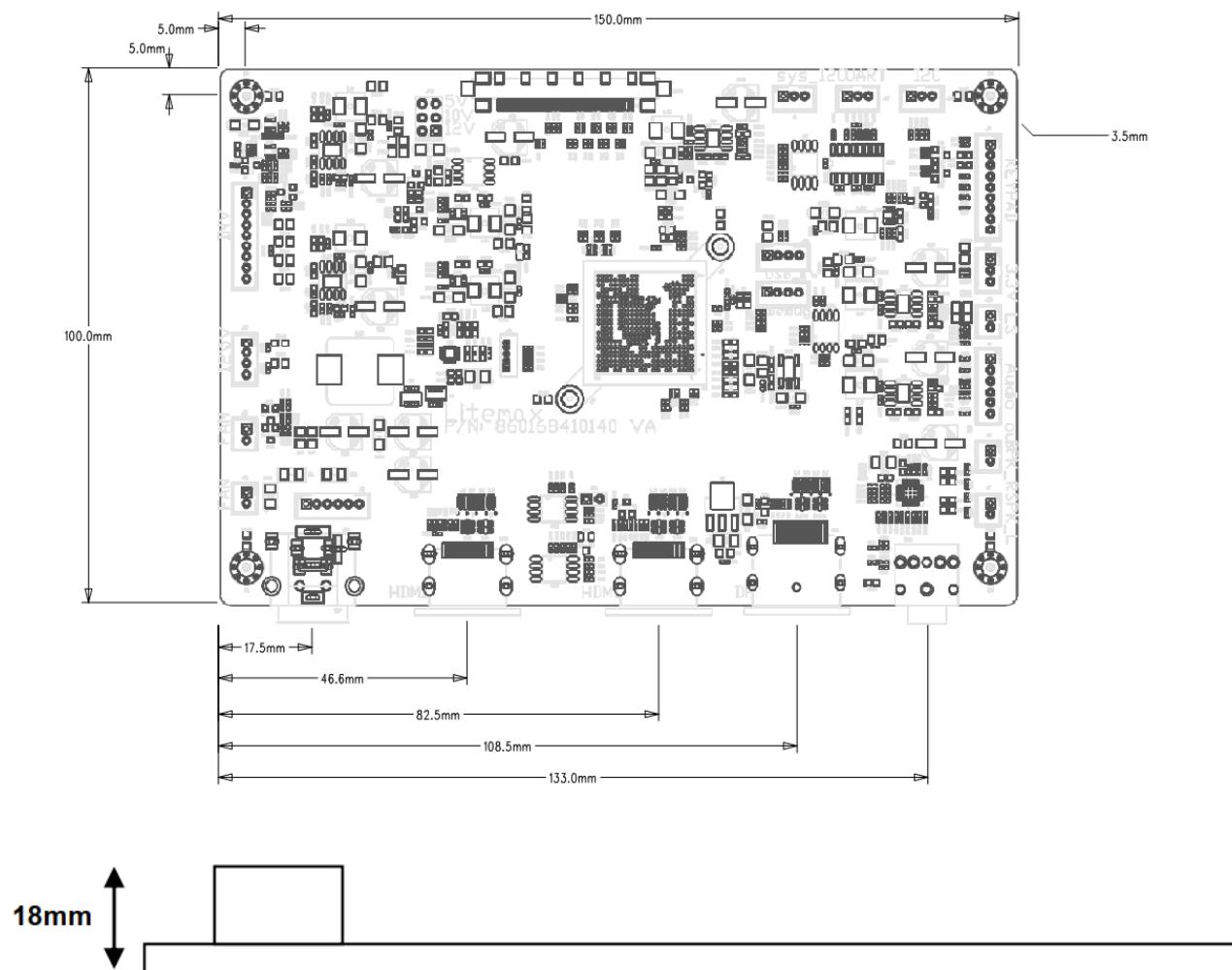
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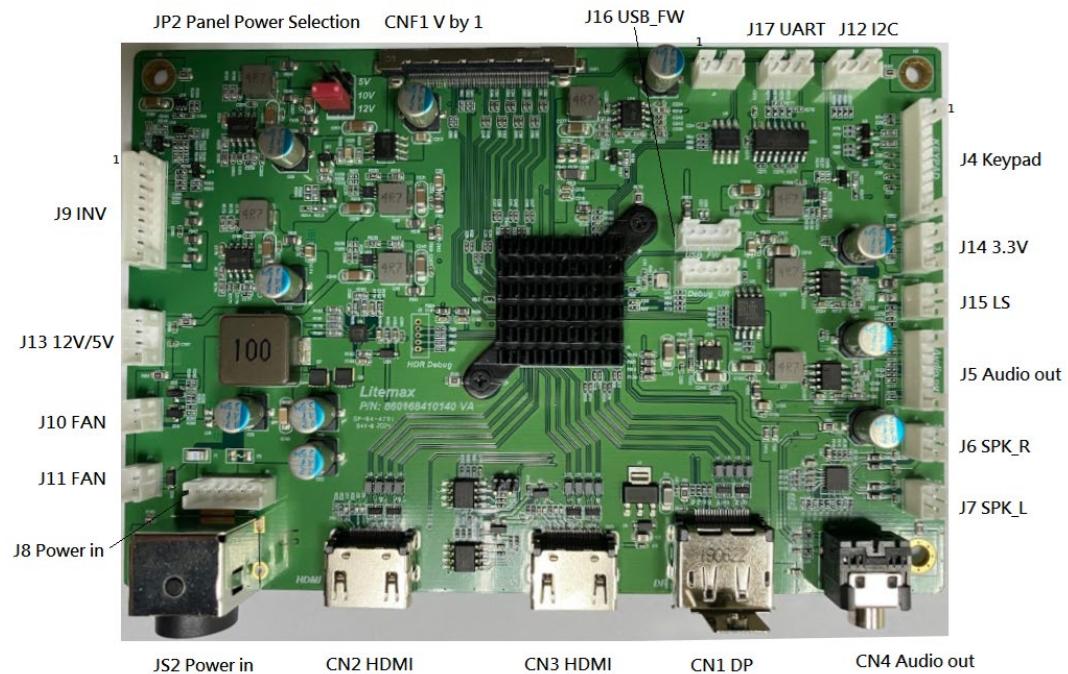


### Outline Dimensions

Unit:mm

AD68415HHP 150mm x 100mm x 18mm





### Ordering Information

Part Number	Description
880168410000	PCBA,AD,AD68415HHP,V1.0,12V IN,POWER DIN,R
880168410001	PCBA,AD,AD68415HHP,V1.0,24V IN,W/O POWER DIN,W/O Phone Jack,R

### Optional Accessories

Part Number	Description
800807604000	CABLE,OTHER,LS,760mm,26AWG,2.0mm 2P,LS3505-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