

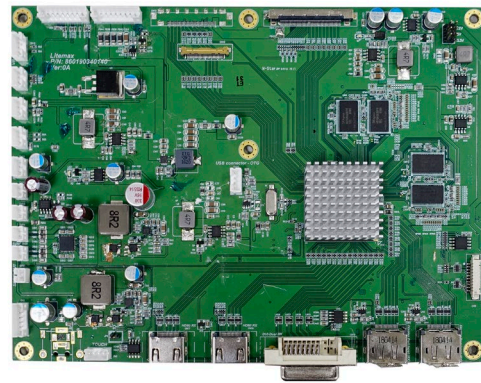
AD9034DHP

Display Control Board, UHD

AD9304DHP is a high integrated display controller solution for producing real time, top quality digital video and computer graphic images on LCD panel. The AD9034DHP provides an ideal interface between industry standard digital graphics controllers and a wide variety of LCD panel devices. It has a DVI-D, HDMI and DP input.

Key Features

- Max Resolution Up To UHD (3840x2160)
- Support V-By-one or e-DP panel
- DVI operates up to 165MHz
- 1 Ultra-Reliable Dual-link DVI Input (4K2K@30Hz)
- 2 HDMI (HDMI2.0) Input(4K2K@60Hz)
- 2 Display Port Input (DP1.4) (4K2K@60Hz)
- V-By-one or e-DP Interface
- Support Panel DC 3.3V/5V/12V Output
- External Fan Control by Software
- OSD Control
- Inverter Analog or PWM Dimming Control
- External Light Sensor Brightness Control (Optional)
- External Digital Light Sensor Brightness Control (Optional)
- External RS232 control (Optional)
- Inverter Local Dimming Control
- Input Power 24VDC or 12VDC (Optional)



Specifications

V1

Model No.	AD9034DHP
Max. Resolution	UHD (3840X2160)
Interface	V-By-one or e-DP
Input Power	DC 12V/24V
Panel Power Selection	3.3V, 5V, 12V
Video Input	DVI-D, HDMI-1, HDMI-2, DP-1, DP-2
Light Sensor	Yes (Optional)
RS232 Control Port	Yes (Optional)
IR	Yes (Optional)
External VR Control	Yes (Optional)
Speaker	5W x 2
Board Dimension	150 x 200 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
Operating Temperature	-20 °C ~ 70 °C
Storage Temperature	-30 °C ~ 85 °C

Specifications are subject to change without notice.

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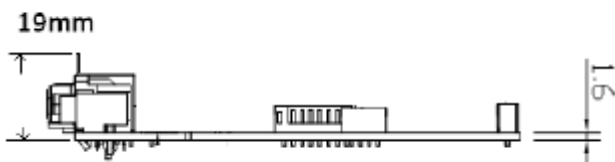
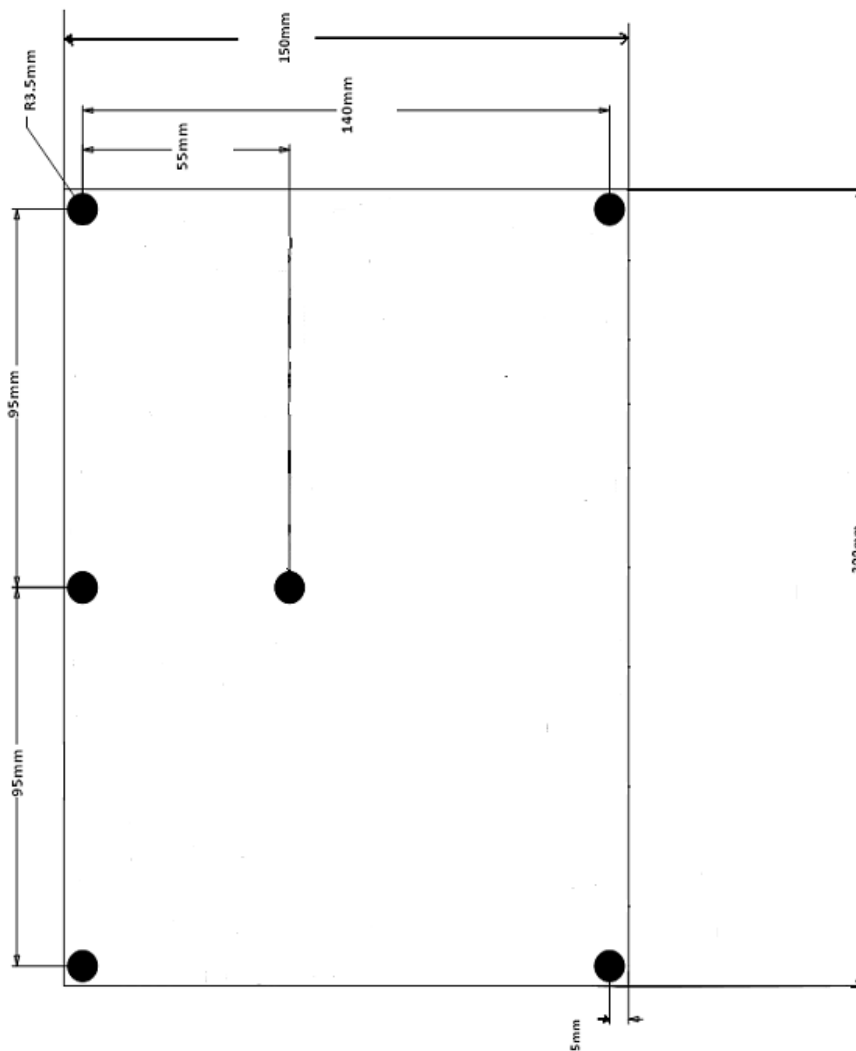


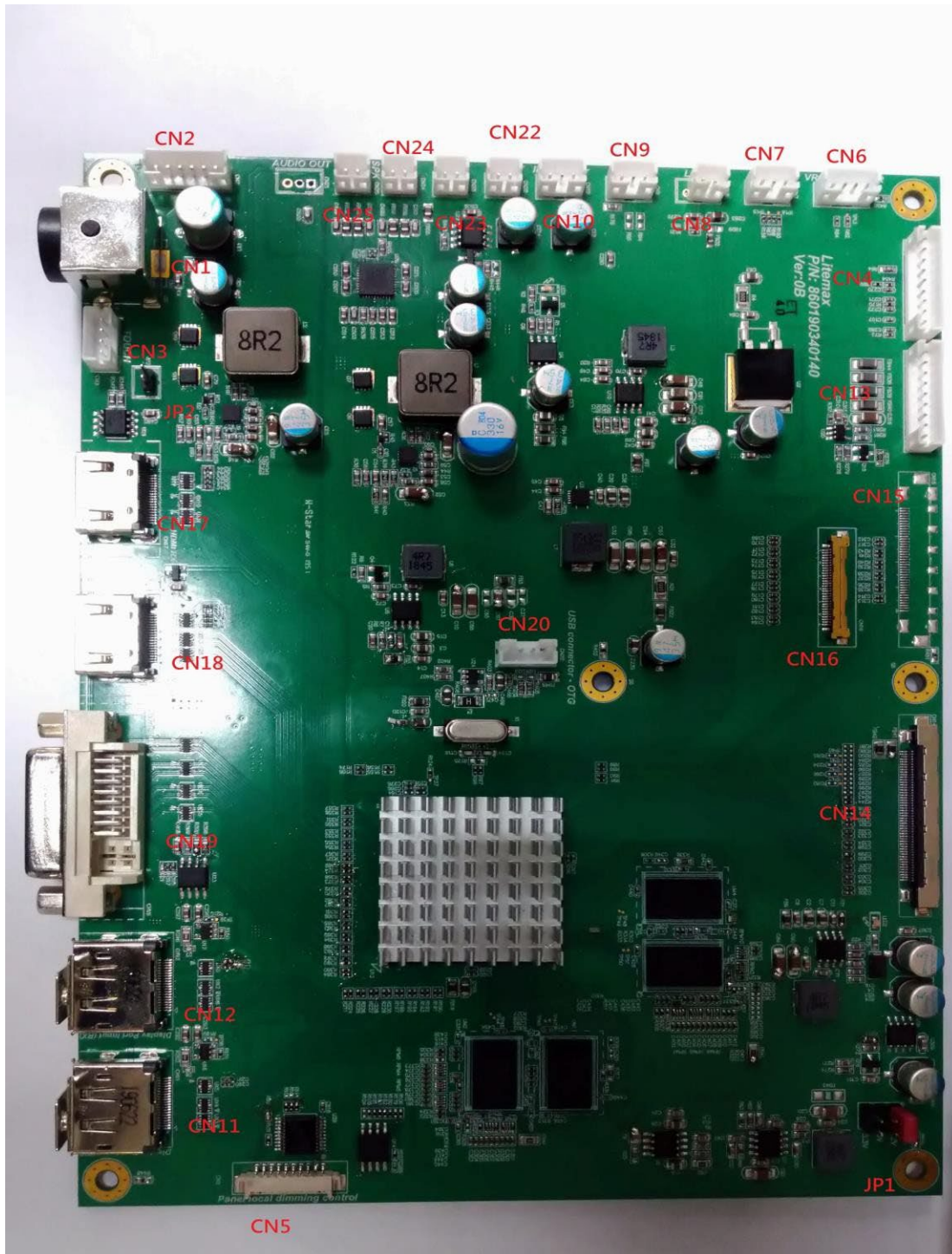
Mechanical Drawing

Outline Dimensions

Unit:mm

AD9034DHP 150mmx200mm







Ordering Information

Part Number	Description
880190341010	PCBA,AD,AD9034DPH,V1,PWM&DC ADJ,Local dimming,W/O POWER DIN,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