

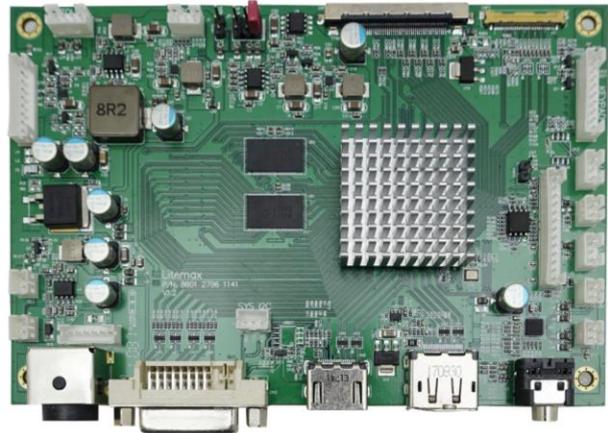
AD2796GDHPAR

Display Control Board, UHD

AD2796GDHPAR is a high integrated display controller solution for producing real time, top quality digital video and computer graphic images on LCD panel. The AD2796GDHPAR provides an ideal interface between industry standard digital graphics controllers and a wide variety of LCD panel devices. It has a display port and DVI-D,VGA,HDMI input. Rev.1 is European RoHS compliant., resolution can support all coming VESA modes and up to UHD (4096x2160)

Key Features

- * Max Resolution Up To UHD(4096X2160)
- * Support V-By-one or e-DP panel
- * Analog RGB Input up to 205MHz
- * DVI operates up to 165M Hz
- * 1 ULTRA-RELIABLE Dual-link DVI INPUT(4K2K@30Hz)
- * 1 VGA INPUT(Optional)
- * 1 HDMI(HDMI 2.0) Input(4K2K@60Hz)
- * 1 Display port Input (DP 1.2a) (4K2K@60Hz)
- * V-By-one or e-DP interface
- * Support Panel DC5V or 3.3V, 12V Output
- * External Fan Control by Software
- * OSD Control
- * Inverter Analog or PWM Dimming Control
- * External V.R. brightness control (Optional)
- * External light sensor brightness control (Optional)
- * External RS232 control (Optional)
- * Input Power 24Vdc, or 12Vdc(24Vdc Power Input Is Optional)



Specifications

V1

Model No.	AD2796GDHPAR
Max. Resolution	UHD (4096x2160)
Interface	V-by-One , e-DP
Input Power	DC 12V/24V
Panel Power Selection	3.3V, 5V,12V
Video Input	Dual-Link DVI,HDMI,DP,VGA(Option)
Light Sensor	Yes
External VR Control	Yes
Board Dimension	100 x 150 mm
F / R Control Button	□ 5 Key
□ 5 Key	Power Switch, Menu, Select (+,-), Auto
OSD Menu	Brightness, Contrast, H/V Position, Color, Phase, Clock...

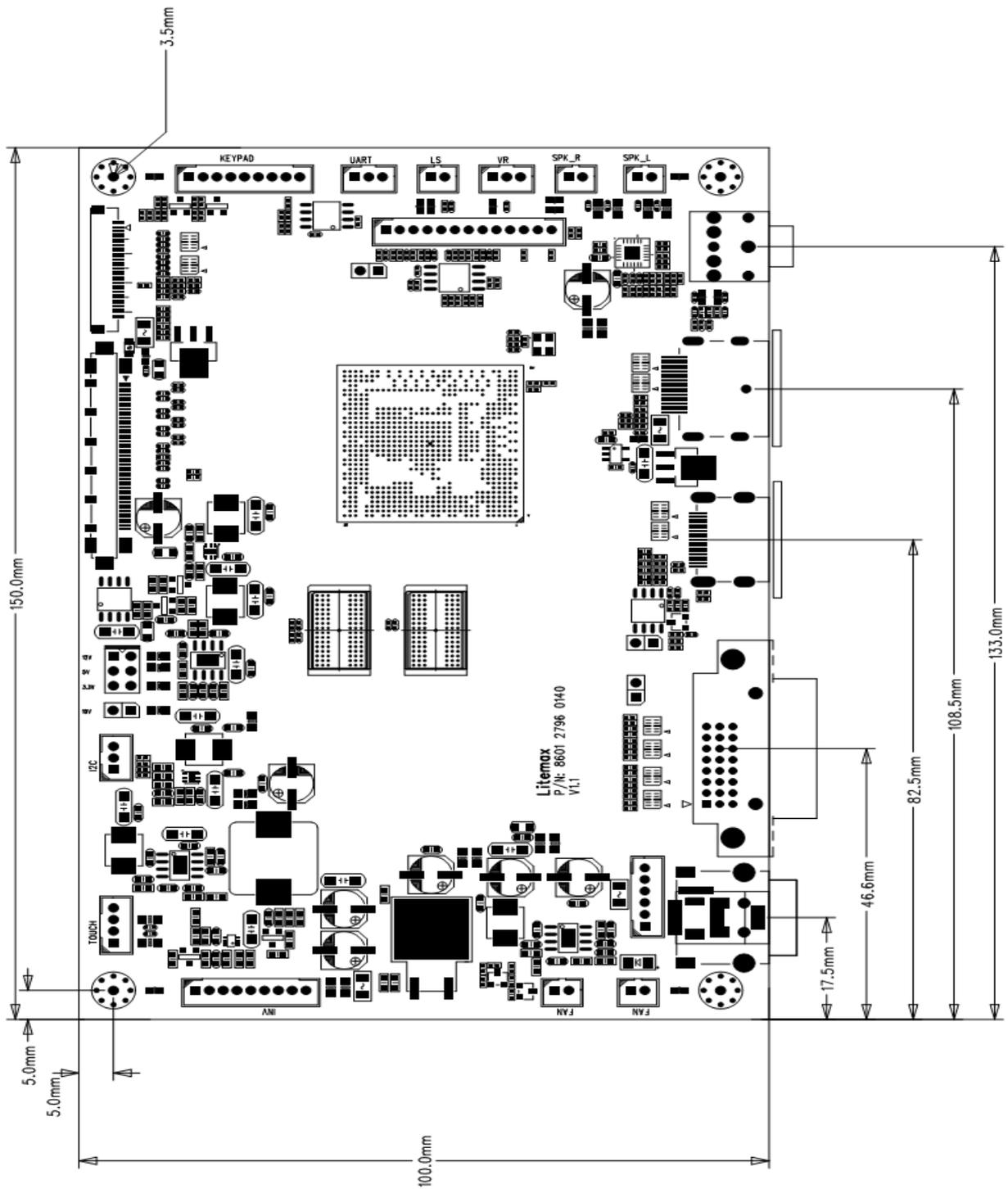
Specifications are subject to change without notice.

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Outline Dimensions

Unit:mm

AD2796GDHPAR





Ordering Information

Part Number	Description
880127961000	PCBA,AD,AD2796GDHP,V1.2,12V IN,POWER DIN,R
880127961001	PCBA,AD,AD2796GDHP,V1.2,24V IN.POWER DIN,R

Optional Accessories

Part Number	Description
980000020011	SET,OTHER,LIGHTSENSOR.(LS3101)WITH CABLE,L=760mm.AD2662,3M DP270,P
980000040010	VR w ith cable