

AD8668GDVAR

Display Control Board 10-bit, WUXGA

AD8668GDVAR is a high integrated display controller solution for producing real time, true 10 bits quality digital video and computer graphic images on LCD panel displays. The AD8668GAVAR provides an ideal interface between industry standard digital graphics controllers and a wide variety of LCD panel devices. It provides complete signal input ports including computer VGA, DVI, S-Video, AV and YCbCr, resolution can support all coming VESA modes and up to WUXGA (1920x1200)

Key Features

- Maximum resolution WUXGA (1920x1200)
- Analog RGB input up to 205MHz
- Support dual pixel (60bits) LVDS and single pixel (30bits) LVDS
- Support refresh rate up to 75Hz, compatibility with standard VESA specification
- High resolution PWM dimming control output,
- Provide one VR connector for external dimming control
- Provide 12V power and backlight ON/OFF for inverter
- Provide IR remote control function



Specifications

V1

Model No.	AD8668GD	AD8668GDVAR
Chip	FLI8668-AB	
Max. Resolution	WUXGA (1920x1200)	
Interface	Single (30bits) / Dual (60bits) LVDS	
Input Power	DC 12V	
Panel Power Selection	3.3V, 5V, 12V	
Video Input, Audio and Control Port	VGA, DVI	VGA, DVI
		S-Video, Component, AV
Audio Phone Jack	No	Yes
RS232 Control	No	Yes
Light Sensor	Yes	
IrDA	Yes	
Speaker	2W x2	
External VR Control	Yes	
IrDA	YES, Infrared remote control	
Board Dimension	320mmx340mm	320mmx544mm
F / R Control Button	<input type="checkbox"/> 5 Key <input type="checkbox"/> 4 Key	
<input type="checkbox"/> 5 Key	Power Switch, Menu, Select (+,-), Auto	
<input type="checkbox"/> 4 Key	Power Switch, Menu, Select (+,-),	
OSD Menu	Brightness, Contrast, H/V Position, Color, Phase, Clock...	

Specifications are subject to change without notice.

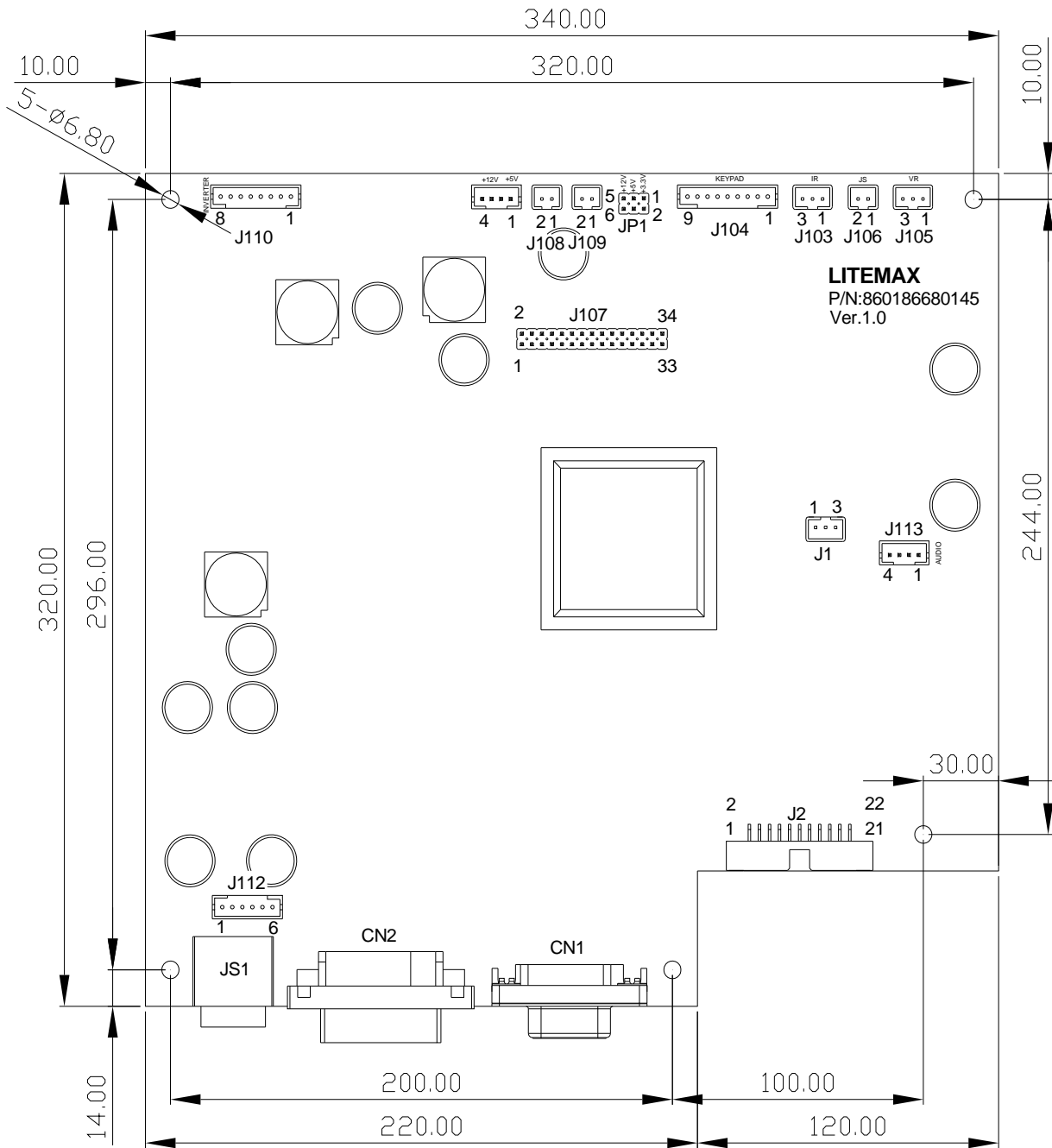
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Mechanical Drawing

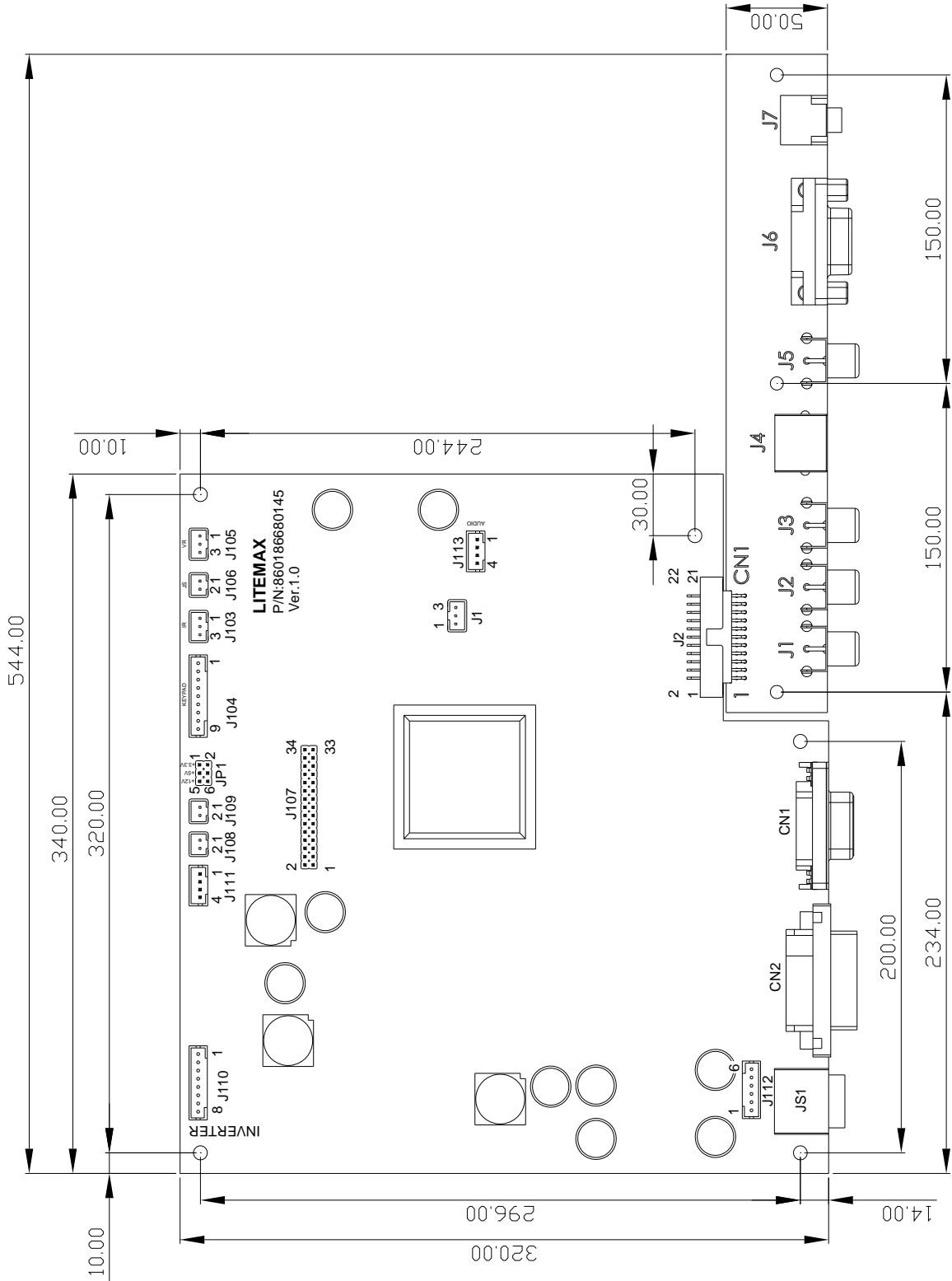
Outline Dimensions

Unit:mm

AD8668GD



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Ordering Information

Part Number	Description
AD8668GD: 880186681015	PCBA,AD,AD8668GD,VER1.0,P
AD8668GDVAR: (880186681015) + (880826620101)	PCBA,AD,AD8668GD,VER1.0,P PCBA,IO,YCBCR,S-VIDEO,AV.RS-232,PHONE JACK,V1.0,P

Optional Accessories

Part Number	Description
889926621010	IR Board
970000210015	Remote Controller
980000020010	Light Sensor with cable
980000040010	VR with cable
880826620101	PCBA,IO,YCBCR,S-VIDEO,AV.RS-232,PHONE JACK,V1.0,P