

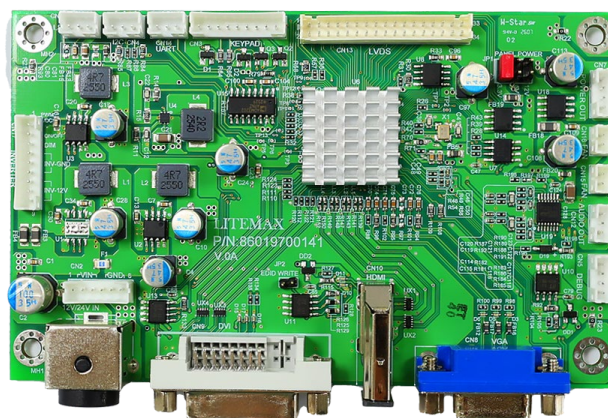
AD9700GDH

Display Control Board, FHD (1920x1080)

AD9700GDH is a high integrated display controller solution for producing real time, top quality digital video and computer graphic images on LCD panel. The AD9700GDH provides an ideal interface between industry standard digital graphics controllers and a wide variety of LCD panel devices. It has a VGA, DVI-D and HDMI input.

Key Features

- Max Resolution Up to 1920x1080
- Analog RGB Input Up To 205MHz
- Ultra-Reliable DVI-D Input
- HDMI Input (HDMI1.3)
- Dual/Single LVDS Interface
- Support Panel DC 3.3V/5V/12V Output
- OSD Control
- PWM/DC Dimming Control for Backlight Driver
- External RS232 control (Optional)
- Input Power DC 24V or 12V (Optional)
- Audio Out (Optional)
- External Digital Light Sensor Brightness Control (Optional)
- External Light Sensor Brightness Control (Optional)
- Support Output Voltage 12V(1A) and 5V(1A)



Specifications

Model No.	AD9700GDH
Max. Resolution	1920x1080
Interface	Dual/Single LVDS
Input Power	DC 12V/24V (Optional)
Panel Power Selection	3.3V, 5V, 12V
Video Input	VGA, DVI-D, HDMI
Light Sensor	Yes (Optional)
RS232 Control Port	Yes (Optional)
IR	Yes (Optional)
External VR Control	Yes (Optional)
Board Dimension	130 x 80 mm
F / R Control Button	☐ 4 Key
☐ 4 Key	Power Switch, Menu, Select (+,-)
OSD Menu	Brightness, Color, Contrast, Auto Tuning, H/V Position...etc
Operating Temperature	-30°C ~ 85°C
Storage Temperature	-30°C ~ 85°C

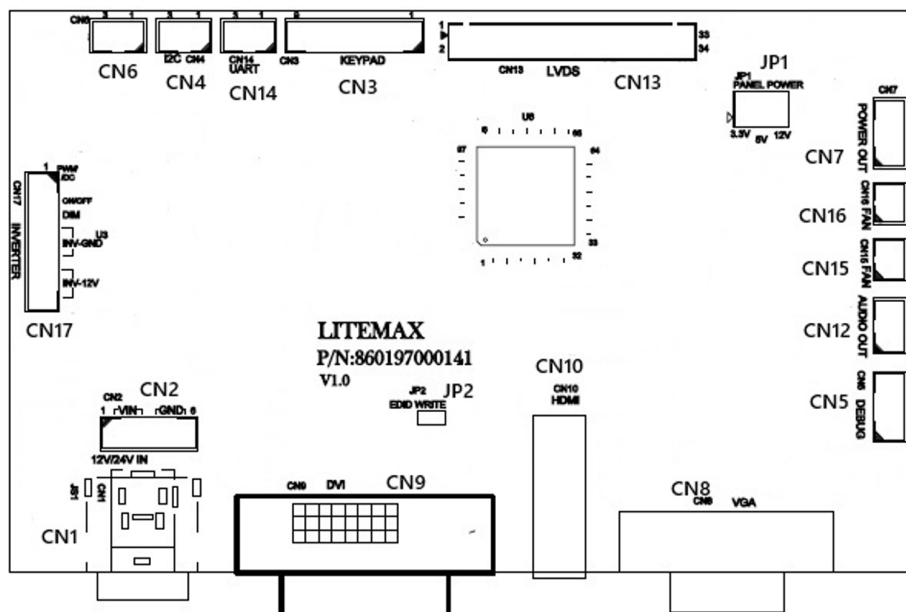
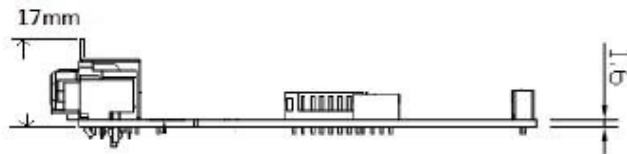
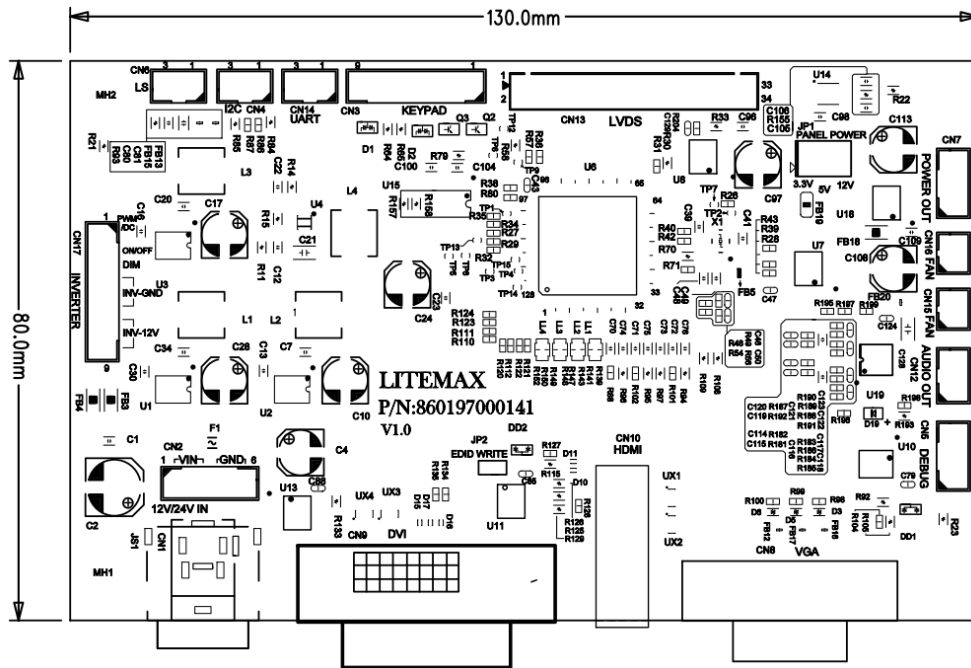
Specifications are subject to change without notice.

All brands or product names are trademarks or registered trademarks of their respective companies.

Outline Dimensions

Unit:mm

AD9700GDH 130 x 80 mm





Ordering Information

Part Number	Description
880197001102	PCBA,AD,AD9700GDH,V1.0,12V IN,POWER DIN,PWM&DC ADJ,VR,P

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