



Features

- 15-pin D-sub analog RGB 0.7Vp-p / 75 Ohm signal input
- On Screen Display (OSD) adjustments
- Multi language support
- Low power consumption
- Small form factor
- Optional stereo audio input
- EMI class B compliance

Introduction

The ADB-1000 series driving boards are designed for LCD monitor and other flat panel display applications. The product covered herein are designed and manufactured for following application areas.

- Office electronics
- Instrumentation and measuring equipment
- Machine tools
- Home appliances

Specifications

Model Name	ADB-1000
PC Input	Analog RGB 0.7Vp-p / 75Ω, DVI
Input Option	VGA, DVI, HDMI
Interface	LVDS Dual/Single, 18 / 24 bit
Panel Power	3.3V, 5V, 12V
Resolution	Up to 1920 x 1200@75Hz
Power Input	DC9V~28V
User Controls (OSD)	Auto Adjust, Brightness, Contrast, Size, Position, 8 Languages, OSD Position
Power Saving Mode	0.05A (Inactive)
Power Protection	Fuse fitted





Power Consumption (Typ.)	0.62A (6.4") ~ 4A (42")
Dimensions (WxLxH)	120 x 100 x 14.2 mm
Operating Temperature	-10~70 °C (14~158 °F)
Storage Temperature	-20~80 °C (-4~194 °F)
Relative Humidity	10~90% @ 40 °C Non-condensing
Plug-n-Play	VESA DDC1 / DDC2B
Optional Device	Stereo Audio line-in, Support 2Wx2, 8Ω speakers

Ordering Information

ADB-1000	TFT LCD Driving board
ADB-1001	TFT LCD Driving board with DVI
ADB-1002	TFT LCD Driving board with HDMI
ADB-1003	TFT LCD Driving board with Audio
ADB-1004	TFT LCD Driving board with DVI, HDMI, Audio

