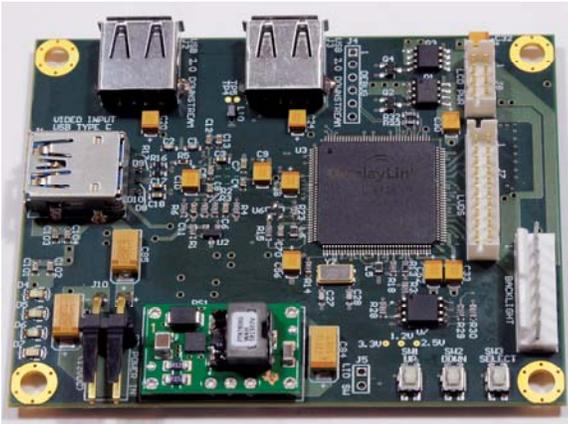


ADP - 125

USB 2.0 or USB 3.0 to LVDS Adapter Board



- Converts USB 2.0 or 3.0 to LVDS
- Resolution up to 1920 x 1080
- Supports Windows XP—10, OSX 10.8 onwards, Android V5.0 onwards, Ubuntu 14.10 onwards
- Board operates with external 12VDC power supply

The Systemation ADP-125 board receives USB 2.0 or USB 3.0 and converts this into LVDS video to drive an LCD. Using the Displaylink DL-4120 video controller this board can drive a single channel or a dual channel LVDS LCD. Control and power are provided to drive a backlight driver interface.

Buttons on the board allow the backlight brightness to be adjusted up, down, or off. The board operates on an external 12VDC power supply.

Systemation Technology, Inc. has been in the video controller and custom computer board business for more than 10 years. Our video expertise includes the development of standard products, such as the S1220 board, as well as many custom boards for use with military, aviation, industrial and commercial products.

Quick turns are our specialty

We can produce a custom prototype board in 8 weeks or less.

Questions or comments? Email us at support@systemation-inc.com or call (281) 332-7187

1321 3rd Street League City, Texas 77573 www.systemation-inc.com

SPECIFICATIONS

1 – Video Output:	LVDS Dual Channel. Output resolution up to 1920 x 1080
2 – Output Conn:	LVDS single or dual channel using Systemation 22-pin 2mm Connector pinout or 40-pin micro-coax VESA standard.
3– Inputs:	USB 2.0 or 3.0 Connector is USB 3.0 that supports both
4 – Backlight Control:	12VDC output with enable and PWM
5 – Controls:	4 on-board pushbuttons for Menu, Up, Down and On/Off are provided.
6 – Input Power:	12VDC using external power input (0.2A not including the LCD)
7 – Indicators:	LED D4 (Green) = Power On LED D5 (Green) = USB 2.0 Active LED D6 (Red) = USB 3.0 Active LED D7 (Blue) = Displaylink Chip Active
8 – Software:	Displaylink provides drivers for: Windows, Mac, Ubuntu, and Android

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