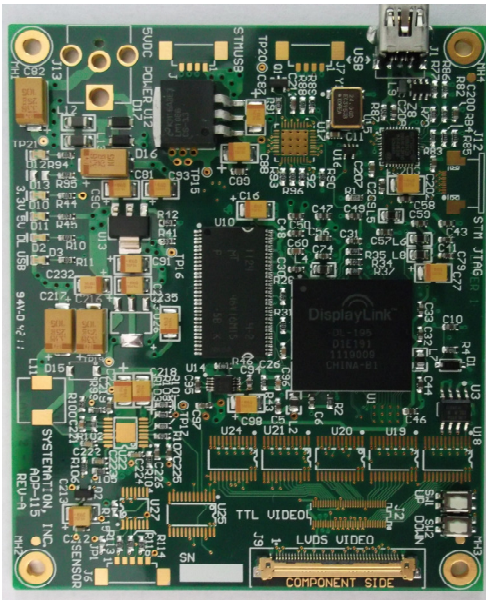


A D P - 1 1 5

USB to LVDS Converter Board for 40 pin VESA Standard



- Converts USB to 40 pin VESA Standard
- No jumpers or switches to set
- Board will work with any LCD that uses the 40 pin VESA Standard. This 40 pin standard defines 1 LVDS channel and an LED backlight.
- Board uses Displaylink chip compatible with Windows and some builds of Linux. Check Displaylink's website for details

The Systemation ADP-120 Adapter Board converts USB to LVDS video. This board is specifically designed to drive any display that adhered to the VESA 40 pin standard. This 40 pin standard defines 1 LVDS channel and an LED backlight. The DDC channel on the DVI connector reports the EDID information for the LCD.

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 Single Channel. Output resolution up to 1280x800 as defined by the EDID. The LCD is 6-Bits per color |
| 2 – Output Conn: | The output connector is iPex 20455-040E-12 compatible with the 40 PIN VESA standard |
| 3- Cable: | Recommended interconnect cable is Mitas Electronics P/N: ME2008C20004001P. (Length 10")
Other lengths are available. |
| 4 – Backlight Control: | An LED driver is contained on the ADP-113 to drive LED backlight. |
| 5 – Controls: | Three pushbuttons are located on the board for:
Backlight On/Off, Brightness Up and Brightness Down
Power on defaults to full brightness. |
| 6 – Input Power: | 5 VDC through USB connection |
| 7 – Board Size: | 3.5" X 2.0" X 0.5"
Mounting holes on corners |

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