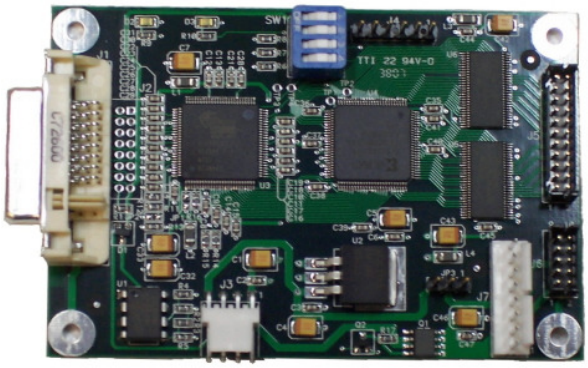
Systemation Technology Inc.

No Video is too Esoteric
No LCD too Unique

A D P – 1 0 3

DVI to LVDS Converter Board



- An easy way to connect a DVI port to an LVDS LCD
- Supports LVDS LCDs up to 2560x1536
- Powered by the DVI port or External Power
- Uses the same Cables as the S1220 Board

The Systemation ADP-103 adapter board converts DVI to LVDS video. The conversion is 1:1 with no scaling. This low cost easy to use adapter provides a convenient way to connect an LVDS type LCD to an existing DVI port.

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

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S P E C I F I C A T I O N S

- Video Input: DVI-D Video on standard DVI 24 pin connector Input video resolution up to 2560 X 1526 8-Bits/color for 16.7M colors
- Video Output: LVDS Single or Dual channel Output resolution up to 2560 X 1526 8-Bits per color for 16.7M colors Connectors same as Systemation S1220 Board
- Backlight Control: An 8-position connector is provided to drive a backlight inverter. Both 12V and 5V are available on the connector. Backlight power is switched off with no DVI video is present.
- Input Power: 5 VDC from DVI Connector or External 4-Pin Connector
- Selections: A 4-position DIP switch selects the following
  - – Color Map A or Color Map B
  - – Single or Dual channel LVDS output
  - – LCD Power = 3.3V or 5V
  - – Board Powered by DVI Connector or external power connector
- Board Size: 3.75” X 2.50” Mounting holes on corners
- Cables: LVDS Data Cables available for most LVDS type LCDs.

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