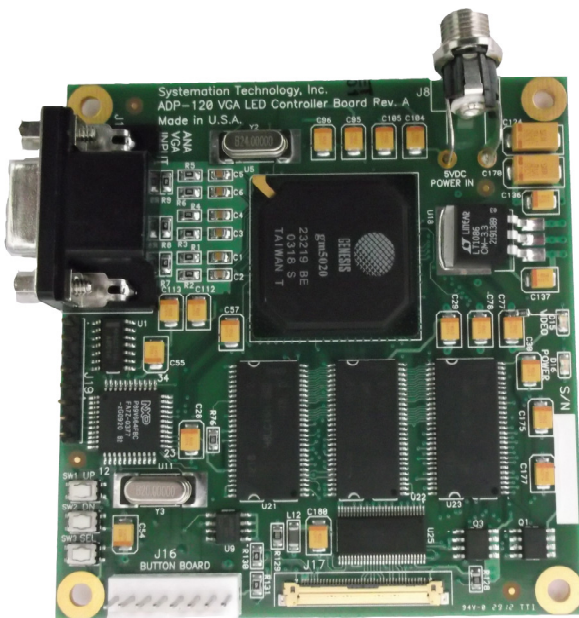


ADP - 120

An easy way to connect a VGA port to a LVDS VESA 40 pin standard display



- An easy way to connect a VGA port to LVDS VESA 40 pin standard cable.
- The board contains a scaling engine to accept video in different resolutions and scale the video to fit the LCD.
- Plug and play ready
- No jumpers or switches to set

The Systemation ADP-120 Adapter Board converts VGA video into LVDS data to directly drive a VESA standard LCD. The board contains a scaling engine to accept video in different resolutions and scale the video to fit the LCD. The board has an LED backlight power supply and LED driver control signals.

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 Input: VGA analog Video with Horizontal/Vertical Sync
- 2 – Power Input: 5VDC from External Power Supply @ 1.5A
- 3 – LCDs Supported: VESA Standard LCD
- 4 – User Controls: 3 pushbuttons control an On-Screen Menu for Backlight Up/Down, Horizontal/Vertical or Auto Image Position Brightness/Color Level status
- 5 – Remote Controls: A Systemation PB-01 button board is available to remote the 3-button controls.
- 6 – Video Modes:
- VGA Mode - 640x480, @ 60, 72, 75 Hz
 - Text Mode - 720x400 @ 70 Hz
 - EGA Mode - 640x350 @ 70 Hz
 - SVGA Mode - 800x600 @ 56, 60, 72, 75 Hz
 - XGA Mode - 1024x768 @ 60, 70, 75 Hz
 - WSVGA Mode - 1024x600 @ 60 Hz
 - SXGA Mode - 1280x1024 @ 60, 72, 75 Hz
- 7 - LCD Drive: A 40- pin I-Pex connector and a 30-pin FFC connector
- 8 – Cables: 40-pin and 30-pin Cables are available from Systemation

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