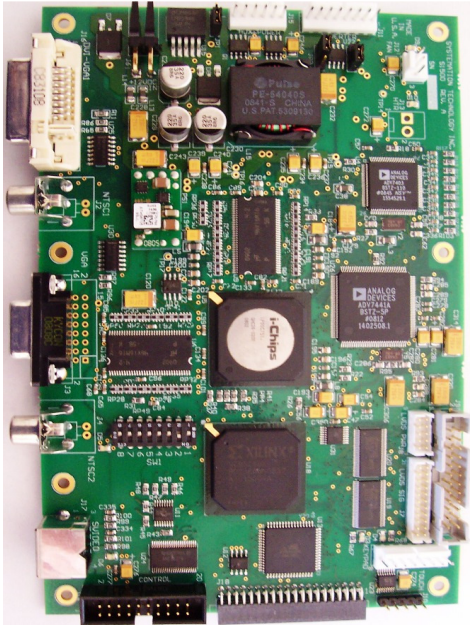


S 1 5 0 0

Multiple input, Picture in Picture, LCD Controller



- Dual video input (up to 1920x1200)
- Picture in Picture (PIP)
- Picture by Picture (PBP)
- Picture on Picture (POP)
- 12VDC input power (9-14V range)
- 24-bit LVDS out. Resolution up to 2048x2048
- LCD Backlight: 12V & 5V switched output with dimming control
- Image processing: Any image of any resolution can be scaled to fit on any LCD.

The S1500 LCD Controller board from Systemation Technology, Inc. provides a full function general purpose LCD Controller that can accept a variety of different video inputs including, Analog VGA (up to 1920 X 1200), DVI (up to 1920x1200), and Composite NTSC or PAL video. The S1500 can drive any 1ch/2ch LVDS type 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

- **Video Input A:** VGA Analog (up to 1920x1200). HD-15 connector Or a 16 pin header
RGBHV Format
RGBS Format
RGsB Format
DVI-I type connector (DVI & VGA)
Composite NTSC/PAL (phonojack connector)
- **Video Input B:** VGA Analog (up to 1920x1200). HD-15 connector Or a 16 pin header
RGBHV Format
RGBS Format
RGsB Format
Composite NTSC/PAL (phonojack connector)
S-video NTSC/PAL (4-pin header)
Optional input from external video board (tuner, etc)
- **Output Resolution:** 24 Bit LVDS 1 or 2 channel
Maximum resolution 2048 x 2048
- **Power:** 12VDC (typical) 9VDC to 14VDC range. Reverse voltage protected
- **Backlight Control:** 12VDC Switch at 6 Amps
5VDC Switched at 1 Amp

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