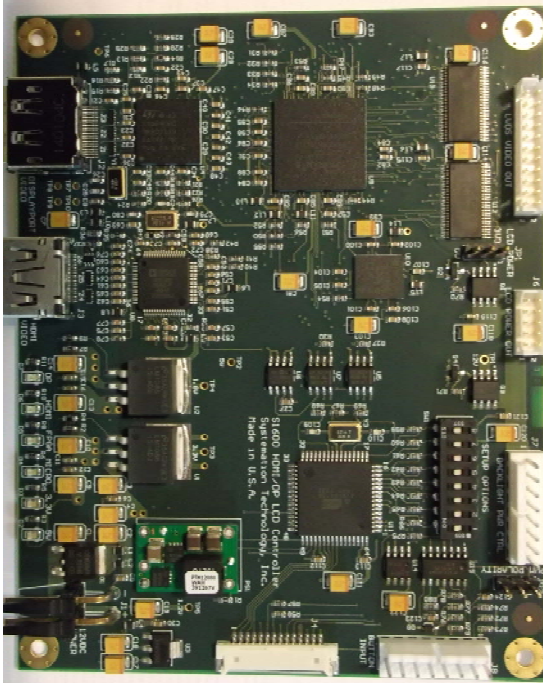


S 1 6 0 0

HDMI LCD Controller Board



- Drives NLT NL192108AC10-01D 1920x1080 9" LCD
- Drive any single channel or dual channel LCD up to 1920x1080 resolution using HDMI
- HDMI 1.4a Compliant
- PWM backlight control
- Custom EDID supported

The Systemation S1600 LCD Controller Board accepts HDMI, and converts the video to drive very high resolution LCDs up to 1920x1080. It can also drive the NLT NL192108AC10-01D 1920x1080 9" LCD. The NLT LCD is a dual channel LCD with left half/right half drive.

The board contains a backlight controller to allow easy connection to most LED and CCFL backlight driver boards. A 3-button input for backlight Up or Down and input select is provided.

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 Inputs:** HDMI V1.4 up to 1920x1080
- **Input Power:** 12VDC (Typical) 10.8VDC to 13.2VDC (Range)
- **User Controls:** Backlight brightness (up/Down) & Input select (Select active inputs)
- **Setup Controls:** A DIP Switch selects the LVDS output configuration.
- **LCD Output:** Two connectors provided for LVDS output. Connector 1 contains 2 channels of LVDS. Connector 2 contains LCD power.
- **Video Scaling:** No on-board scaling. EDID support for HDMI. Firmware Configuration for USB video
- **Audio:** Not supported
- **EDID:** Supported for HDMI Custom EDID available
- **LVDS Output:** Single or Dual channel LVDS. VESA or JEIDA color mapping selectable. Special configuration for NL192108AC10-01D LCD
- **Cables:** LVDS cables are available for most LCDs

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