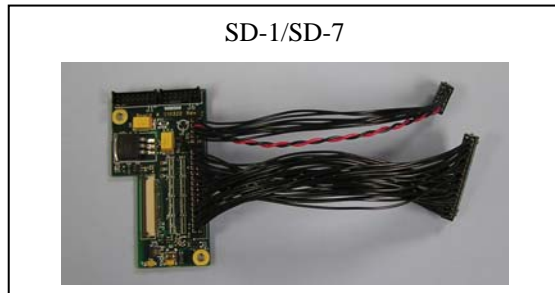


SD-1/SD-7 Special Daughter Card

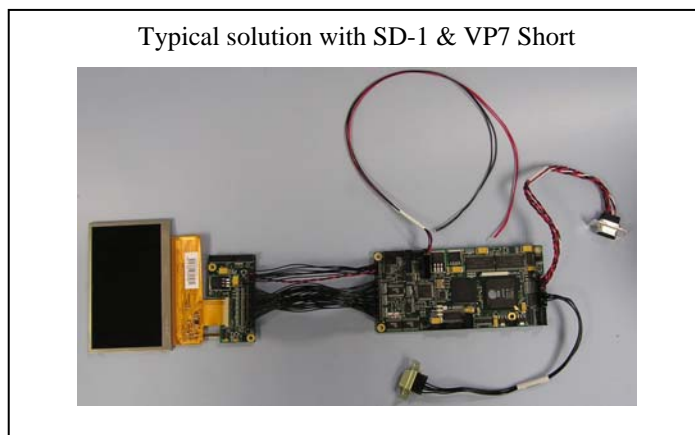


SD-1 designed to interface to Sharp LQ043T3DX02
SD-7 designed to interface to Sharp LQ043T1DG02
SD-1/SD-7 board mates with VP7 or VP7 Short
Provides circuitry to drive LED backlight
Analog RGB or DVI video inputs
Use VP7 configure software to set up for your video inputs

Combined with the powerful VP7 or VP7 Short, the SD-1/SD-7 provides a complete interface solution to the designated display. *Please see separate datasheet for VP7 products.*

The combined VP7 Short with SD-1/SD-7 specifications are shown below:

Physical Dimensions	VP7-S: 5.25" x 2.5" x 1.1"
Temperature Range	Operating: 0° C to +50° C; Storage: -20° C to +70° C
Video Inputs	Computer - Up to UXGA resolutions @ 60Hz - Analog Input (162 MHz) DVI Input (165 MHz) - Standard and custom input timings are supported - Syncs (Digital Separate, Digital Composite, Analog Composite)
Video Outputs	Analog RGB per display specifications. 480x272 output window selectable from any area-of-interest within video input. <i>If downsizing, output resolution must exceed 50% each of horizontal and vertical input area-of-interest.</i>
Input Power	5 VDC / 1.7 Amp typical for VP7 Short with VGA input, driving panel without backlight.
Control Interface	RS-232
Ordering Number	VP7-S / SD-1 or VP7-S/SD-7



Notes:

1. The VP7 Short must be set up for single pixel parallel output via the VP7 Configure Software utility. Please contact the factory for technical support, at 636-300-5103.