



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



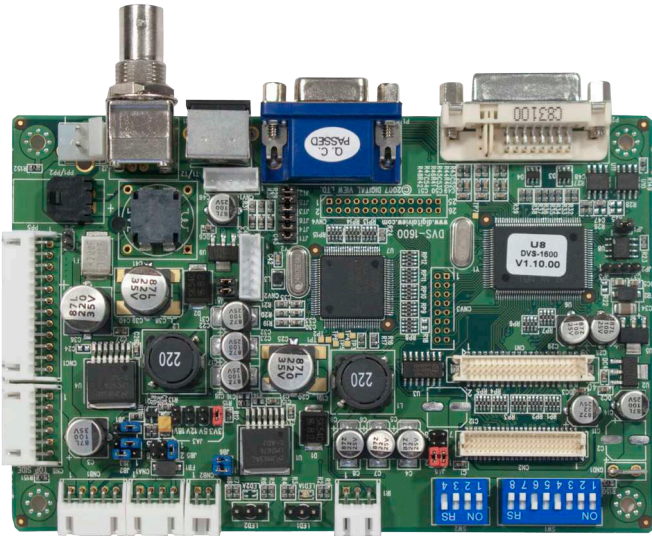
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DVS-1600

High Integration OEM Interface Controller

Key Features :

- > Low power Consumption
- > Small Form Factor
- > DVI, VGA Inputs
- > VGA to WXGA Resolutions

The DVS-1600 is a cost-effective, high integrated interface controller for TFT LCD monitor applications. Supporting 4:3, 5:4, 16:9 and 16:10 formats up to a maximum of UXGA, the controller addresses both mainstream and legacy applications. A flexible port architecture provides inputs for DVI, VGA,

Composite and S-Video along with a wide range of video modes. The DVS-1600 provides both TTL and LVDS outputs and can operate from either 12V or 24V supplies to address today's current panels.

Panel Connectivity

1680 x 1050	1366 x 768	1024 x 768
1600 x 1200	1280 x 1024	800 x 600
1400 x 900	1280 x 800	800 x 480
1400 x 1050	1280 x 768	640 x 480

Input

Analog RGB:	60Hz at UXGA 60Hz at SXGA, WXGA, XGA, SVGA, VGA
	With auto detect of Digital Separate Sync, Sync-On-Green & Composite Sync. Auto detects VGA ~ UXGA, interlaced & non-interlaced.
DVI-D	60Hz at UXGA 60Hz at SXGA, WXGA, XGA, SVGA, VGA
Video:	NTSC / PAL / SECAM (Interlaced) Composite Video S-video

Reliability

Calculated Mean Time Between Failures :
260,000 hours. 3 Year Warranty

Custom Engineering Services

Panel timing, splash screen, OSD menu, conformal coatings, layouts etc

Features

Colors :	Up to 8-bit per color, 16.7 million colors.
Functions :	On Screen Display (OSD) menu.
Function Controls :	External buttons, Serial Port Control.
Image Scaling :	Up / Down scaling to fit input to panel resolution.
Image Control :	Brightness, Contrast, Saturation, Hue, Frequency, Phase, Color temperature, Image position, Hue, Gamma.
Other Features :	Auto picture setup, Auto RGB calibration, Auto source seek, OSD timeout, OSD position, input source select, OSD menu lock, Direct key for input source switching.
Dimensions:	147mm x 92mm (5.60" x 3.6")
Form Factor:	DV Standard & Mounting Holes
Power Requirements :	+12v / +24vDC ±5%, 4W (controller only)
Panel Power :	Supports 3.3V, 5V, 12V & 18V panels.
Panel Signal :	TTL (Single Pixel) & LVDS
Inverter Support :	DPMS Enable pin (3.3V or 5V).
Plug & Play:	DDC 1,2/b compatible
Status Indicator :	Dual color LED support
Backlight Status Indicator:	Dual color LED support.

