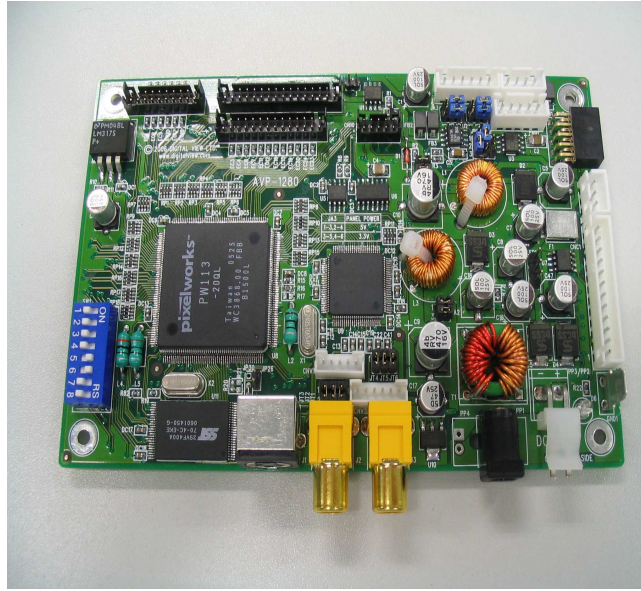


AVP-1280

Video interface for TFT displays

FEATURES

- Composite Video, S-Video (PAL, NTSC, SECAM) video input
- Audio input (Optional)
- Functions display
- Image control



The AVP-1280 is an interface controller for providing video connection for a wide range of TFT LCD panels. It is capable of driving TFT colour LCD panels up to SXGA of various formats. The AVP-1280 is a compact high performance single board solution.

SPECIFICATIONS

Panel connectivity	TFT: 1280x1024, 1024x768, 800x600, 640x480 Plasma: 852x480, 1024x1024, 1365x768 etc.	Functions control	Buttons, Infra-red, RS-232 serial.
Input Signal -Video	Interlaced video: PAL, NTSC, Secam with input format of Composite video & S-video	Image control	Brightness, Contrast, Colour, Tint (NTSC-Video), Image adjust, Sharpness.
Input Signals - Audio	Optional (add-on board) stereo amplifier with volume control	Other Features	System information, OSD position, Audio controls, Run-time counter, Power down option, Hot key function
Panel Power	3.3V, 5V, & 12V	Multi-language	3 languages option for OSD menu display.
Panel Signal	TTL - LVDS & TMDS options (add-on board)	Dimensions	142mm x 91mm approx.
Colours	Up to 8 bits per colour i.e. 16.7 million colours	Power requirements	+12V DC
Functions display	On Screen Display (OSD) menu of functions, with multiple languages	Inverter support	+5V & +12V, Enable pin.
		Status Indicator	Dual colour LED support.