

DA-1803 D/A Converter

Low-price D/A Converter

DA-1803 is an adapter that converts signals sent from an LCD panel inspection unit, digital video signals (parallel, panel link, LVDS) to analog RGB signals.

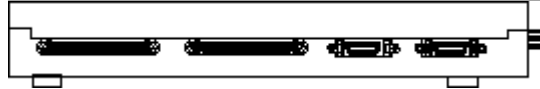
DA-1803 is useful for R&D of display units with a digital interface, including LCD or PDP, as well as for R&D of video related devices.

· Features

- Converting a wide range of digital signals including RGB parallel digital, panel link, and LVDS, to analog RGB signals
- By writing data on the EE-PROM installed, DDC2B (P&D) can be supported.
- Real time conversion of input signals. Smooth motions achieved in handling moving pictures.



· Background view



SPECIFICATIONS

Input dot clock	Parallel (TTL/LVTTL) 1:1 mode	20.0 to 100 MHz
	Parallel (TTL/LVTTL) 1:2 mode	20.0 to 130 MHz
	Panel link	20.0 to 112 MHz
	LVDS	20.0 to 70 MHz
Input signals	Parallel input (1CH, 2CH)	8 bits for each of RGB, HS, VS, DISP, CLK (Half pitch 68 pin x 2)
	Panel link input (1CH)	8 bits for each of RGB, HS, VS, DISP, CLK (MDR 26 pin x 1)
	LVDS input	8 bits for each of RGB, HS, VS, DISP, CLK (MDR 26 pin x 1)
Output signals	Analog output	D-Sub 15 Pin x 1 (VGA)
	Video signal output level	0.7V (75Ω)
	Sync signal output level	2V or higher (75Ω)
Control	Input selector SW	Parallel/panel link/LVDS
	Parallel input selector SW	1:1/1:2
	Input frequency selector SW	HI (40 MHz <)/LO (40 MHz >)
	Voltage	AC100 to 240 V 50/60 Hz
	Operating temperature range	+5 to 40°C
	Storage temperature range	-10 to 60°C
	Operating humidity range	30 to 80RH (no condensation)
	Dimensions	265(W) x 39(H) x 150(D) mm (excluding projected parts)
Weight	Approx. 1.5 Kg	