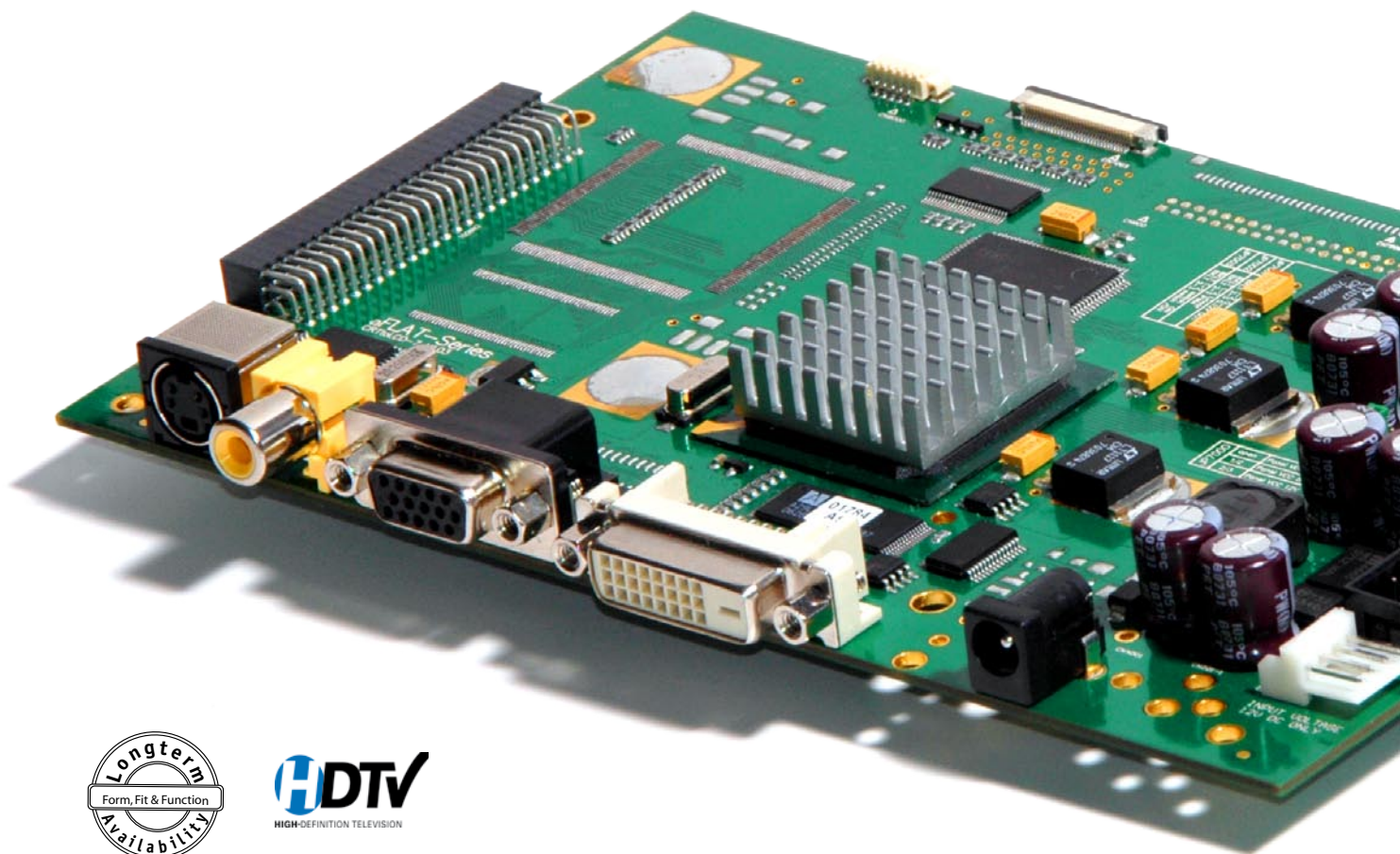


➤ CRTtoLCD-7

The Multimedia Flatpanel Controller



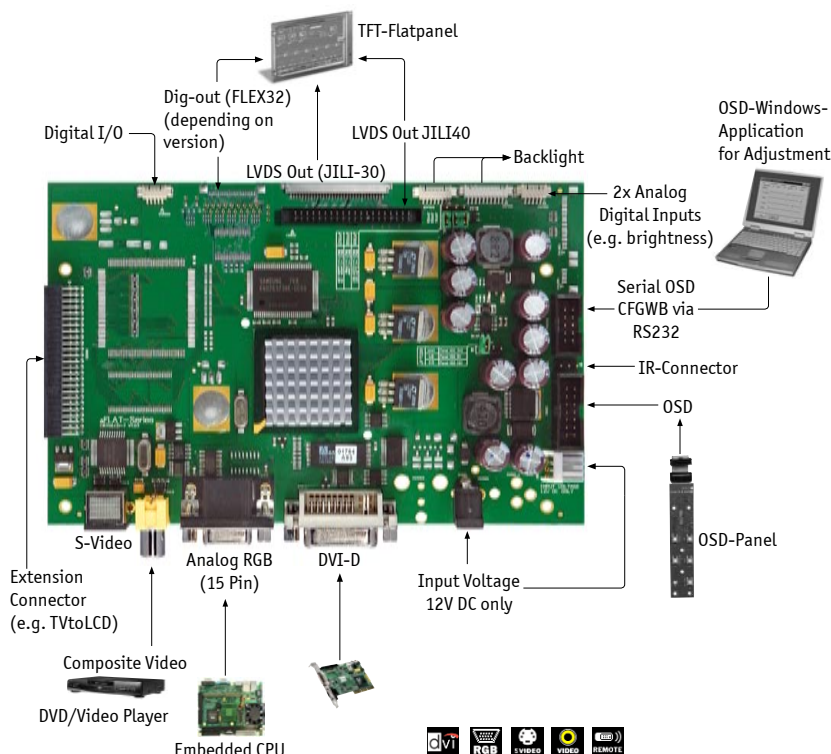
- Flatpanel Controller for easy connection of LCDs to CRT-, DVI- and PAL/NTSC-Video Sources
- Resolution up to WUXGA incl. HDTV
- Suitable e.g. for eSignage applications
- Optional with TV-Tuner
- Powerful Softwaretools for high sophisticated image-manipulation and adjustment

► Product Overview

The CRTtoLCD-7 is a highly integrated flat panel controller that allows to connect standard analog RGB, DVI or Video sources to TFT flat panels. It includes all the necessary functionality to design a full featured LCD monitor or LCD-TV. From a single 12 V power supply, the CRTtoLCD-7 generates all the voltages required by a TFT panel and includes power sequencing features and backlight support.

Typical Applications:

Point of Sales (POS), Public TV, Point of Information (POI), Gaming Machines etc., Industrial Environment with VGA (15-Pin), DVI or Video Input.



► Technical Information

RGB-Interface, DVI & Video

Highest quality up to WUXGA (with full zoom & shrink capabilities) incl. HDTV Resolution

Analog-Input Features

Analog RGB-Interface up to WUXGA 85Hz
Component RGB and YUV
Support for Sync On Green (SOG)
Support for composite sync modes
15 Pin standard VGA connector
All color depths up to 24 bits/pixel

DVI-Input Features

High Bandwidth Digital Content Protection

Video-Input Features

S-Video or Composite Video Input (NTSC, PAL, SECAM)

High-Quality Advanced Scaling

Independent horizontal / vertical zoom

Integrated On-Screen Display

5 button user interface
On Screen Display (OSD) control for all features

TV-Tuner Extension Board (optional)

PAL/SECAM/NTSC
Audio-Amplifier

Display-Interface Features

Backlight dimming support
FLEX32 (18 Bit direct)
JILI40/JILI30 (2x 24 Bit LVDS)

Form Factor

180 x 119.5 mm

Picture-in-picture (PIP)

To display two Inputs at the same time

More Features

One product for different resolutions
IR-Receiver for Standard Remote Control
Cable-Kits for flat panels of all leading manufacturers available

► Ordering Information

Article	Part.-No.	Description
CRTtoLCD-7 (full)	21111	Multimedia Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video Input (for TTL Flatpanels)
CRTtoLCD-7 (full)	21112	Multimedia Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video Input (for LVDS Flatpanels)
CRTtoLCD-7 (light)	21113	Flatpanel Controller, with analog RGB and DVI Input (for TTL Flatpanels)
CRTtoLCD-7 (light)	21114	Flatpanel Controller, with analog RGB and DVI Input (for LVDS Flatpanels)
CRTtoLCD OSD-Panel-Set	22010	OSD-Panel-Set

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