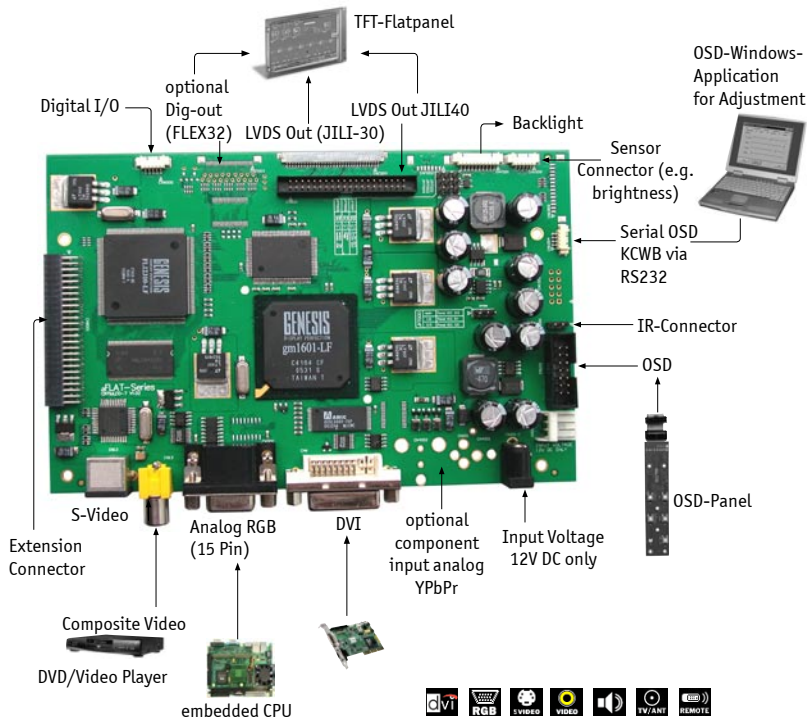


Product Overview

The CRTtoLCD-7 is a highly integrated flatpanel controller that allows to connect standard analog RGB, DVI or Video sources to TFT flatpanels. 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 Data

- RGB-Interface, DVI & Video:
 - Highest quality up to WUXGA (with full zoom & shrink capabilities) incl. HDTV Resolution
- One product for different resolutions
- 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
- IR- Receiver for Standard Remote Control
- Adaptive Motion Deinterlacing for optimized fast moving images powered by Faroudja
- Integrated On-Screen Display:
 - 5 button user interface
 - On Screen Display (OSD) control for all features
- TV-Tuner Extension Board (optional)
 - PAL/SECAM/NTSC
 - Teletext Decoder
 - Audio-Amplifier
- Display-Interface Features:
 - Backlight dimming support
 - FLEX32 (18 Bit direct)
 - JILI40/ JILI30 (2x 24 Bit LVDS)
- Dimension:
 - 180 x 119.5 mm
- Picture-in-picture (PIP):
 - To display two video sources at the same time
- Cable-Kits for Flatpanels of all leading manufacturers are available

Ordering Information

Article	Part.-No.	Description
CRTtoLCD-7	21110	Multimedia Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video Input (for LVDS Flatpanels), incl. High End Faroudja Deinterlacing and optional Component Input
CRTtoLCD-7	21111	Multimedia Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video Input (for TTL Flatpanels)
CRTtoLCD-7	21112	Multimedia Flatpanel Controller, with analog RGB, DVI and PAL/NTSC Video Input (for LVDS Flatpanels)
CRTtoLCD-7	21113	Flatpanel Controller, with analog RGB and DVI Input (for TTL Flatpanels)
CRTtoLCD-7	21114	Flatpanel Controller, with analog RGB and DVI Input (for LVDS Flatpanels)
Accessories	22010	OSD-Panel-Set

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