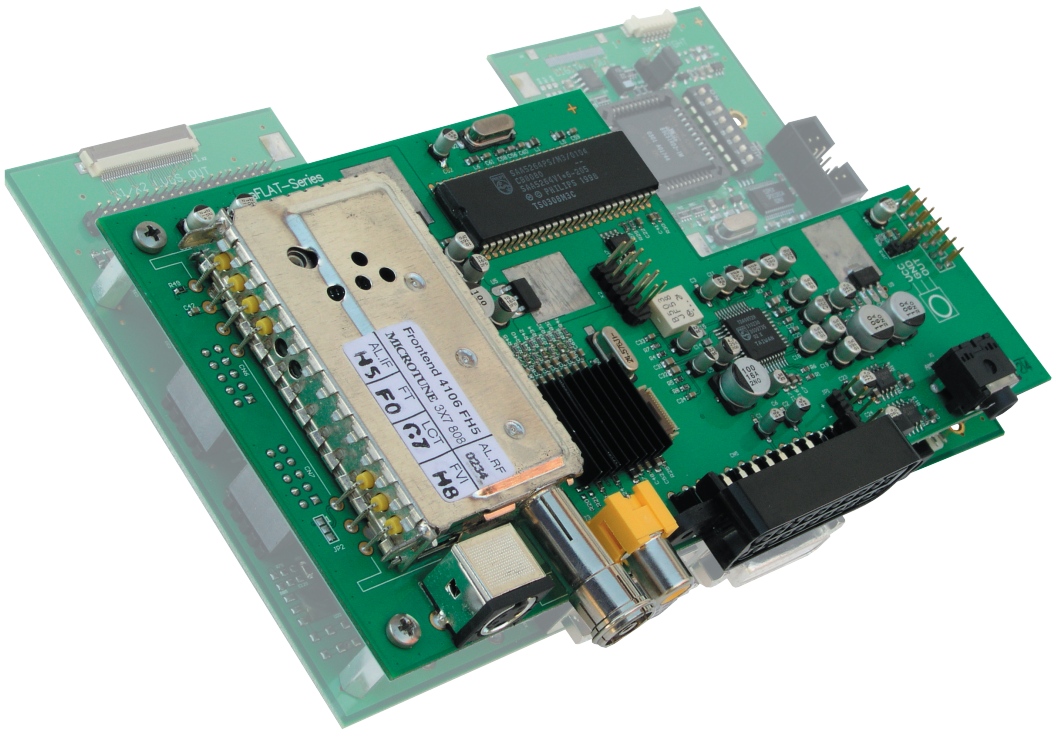
LCD TV-Tuner-Kit

For CRTtoLCD-2/3



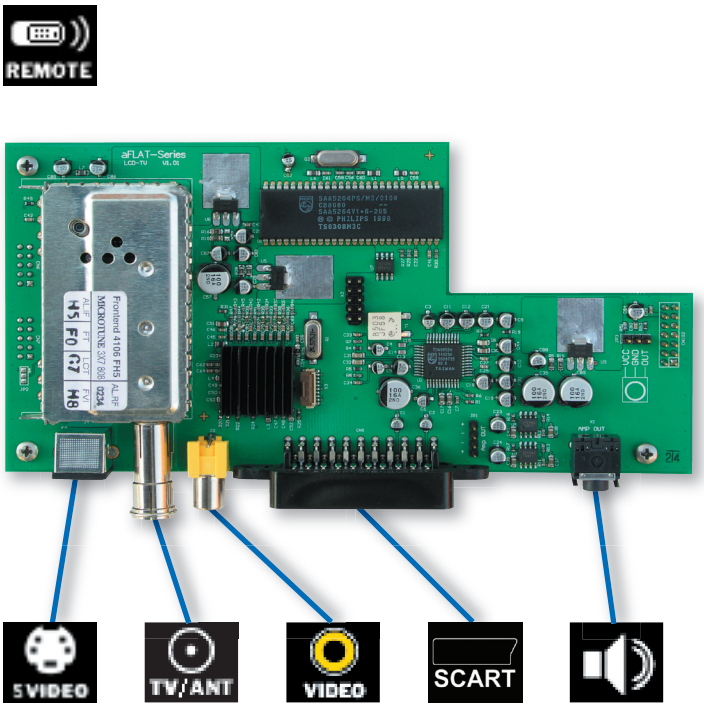
- PAL TV-Tuner (BG-Hyperband)
- SCART-Connector
- Composite Video In
- S-Video In, Audio Out
- 10 page videotext decoder
- IR-receiver for standard remote control

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Product Overview

This is a Video&TV-Tuner module for the CRTtoLCD-2 and 3 analog converter, which allows to create a full featured LCD-TV in combination with a TFT- or Plasma display. IR-Receiver for Standard Remote Control is integrated.

... we drive your display!



Technical Data

- **Tuner Module:**
  - reception standard PAL B/G
  - hyperband tuner with frequency range from 48 to 865 MHz
  - VHF-low, VHF high & UHF
  - SAW-filter, IF-amplifier, video & sound demod ulator AFC-function
  - Built in video buffer for band selection & tuning via I²C-bus
- **I²C-bus controlled BTSC stereo/SAP decoder & audio processor:**
  - dbx noise reduction circuit
  - automatic volume level control (range +6 to -15 db)
  - volume control (control range +16 to -71 db)
  - special loudness characteristic automatically controlled in combination with volume setting
  - audio signal zero crossing detection between any volume step switching (clickfree)
- **Multistandard videoprocessor:**
  - digital PLL for synchronization and clock gen eration from video
  - Philips SAA7118 chipset supports CVBS, y/c RGB (PAL, SECAM, NTSC) imputs
  - sources, e.g. DVD-player
  - adaptive 2/4-line comb filter for increased luminance, chrominance band width and reduced cross colour and cross luminance artefacts
- **Audio Power Amplifier:**
  - capable of delivering 3W of continuous aver age power @ 4 Ohm
- **Dimensions:**
  - 20 x 179 x 93 mm
- **Operating Temperature:**
  - 0 – 60 °C

Ordering Information	Part.-No.	Description
TV-Tuner	22300	TV-Tuner*
TV-TunerKit-2-JIPA	21017	TV-Tuner combined with CRTtoLCD-2-JIPA
TV-TunerKit-2-JILI	21018	TV-Tuner combined with CRTtoLCD-2-JILI
TV-TunerKit-3-JILI	21035	TV-Tuner combined with CRTtoLCD-3-JILI

*only to be used in combination with CRTtoLCD-2 or 3 -Board (21013, 21014, 21034)

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