



RGB/Video converter board for TFT-Displays



PRISMAeco Slim

Ultra low priced RGB only!

Perfect for basic monitor applications



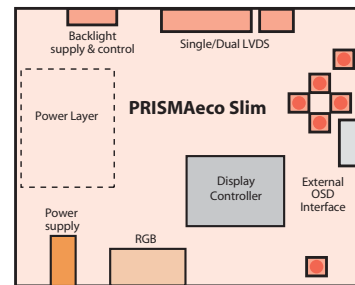
PRISMAeco Slim is the most cost- and space saving version of the RGB/Video converter board series PRISMA. It is the perfect choice for basic monitor applications and allows to connect TFT display to the standard graphics interface RGB analog. PRISMAeco Slim supports TFT-Displays with LVDS output and its scaler chip produces images of highest quality.

- ✓ Extremely cost- and space saving
- ✓ RGB analog input interface
- ✓ LVDS output interface

Technical Data

Interfaces (input)	RGB analog (CRT)
Interfaces (output)	single/dual LVDS 18/24 Bit (conventional/non-conventional)
Resolution (min/max)	VGA (640 x 480) up to SXGA (1280 x 1024)
Scaler Chip	Genesis GM2621
Power supply	12V, optional up to 24 V
Version	RGB

PCB Layout



Conversion PRISMA controller boards enable TFT displays to be connected to standard graphics interfaces. Input signals like analog RGB are converted by PRISMA into TFT compliant LVDS signal.

Scaling If necessary, the scaler chip of the PRISMA is scaling the input signal up or down to the appropriate TFT resolution and thus is adapting the image size.

OSM Besides scaling, the scaler chip provides an On-Screen-Menu (OSM) with numerous possibilities of individual settings like brightness and auto-detect/auto-adjust.

Auto-detect The auto-detect/auto-config function is automatically detecting analog RGB input signals and provides for an optimal appearance of images on the screen.

Color depth PRISMA converter boards support flat panels with 24-bit and 18-bit color depth.

OSD Board Four pushbuttons are integrated on the board to set the display menu. An external 4-button OSD board is also available.

For our in-house developments we offer:

- ✓ Longterm availability
- ✓ Product stability
- ✓ Compatibility of successor products in form, function and integration
- ✓ Technical support

PRISMA converter boards are only available in combination with a TFT display, since they must be adapted and configured to the appropriate display. This applies for the jumper settings and that of the BIOS software.

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