

DVISTANAG

DVI-to-STANAG3350 Converter



**Advanced Micro
Peripherals**

THE EMBEDDED VIDEO EXPERTS

The DVISTANAG is an intelligent stand-alone device with its own on-board CPU and does not require a host CPU or any special device driver software. For mechanical convenience it can be mounted on a PCI-104 stack but will not consume any host CPU resources.



STANAG 3350

Class A, B, C

Sync-on-Green

Output

Applications

Aerospace instrumentation

Instrument panel

Video surveillance

Retrofit, refurbishment, and upgrade

Multi-function display (MFD) applications

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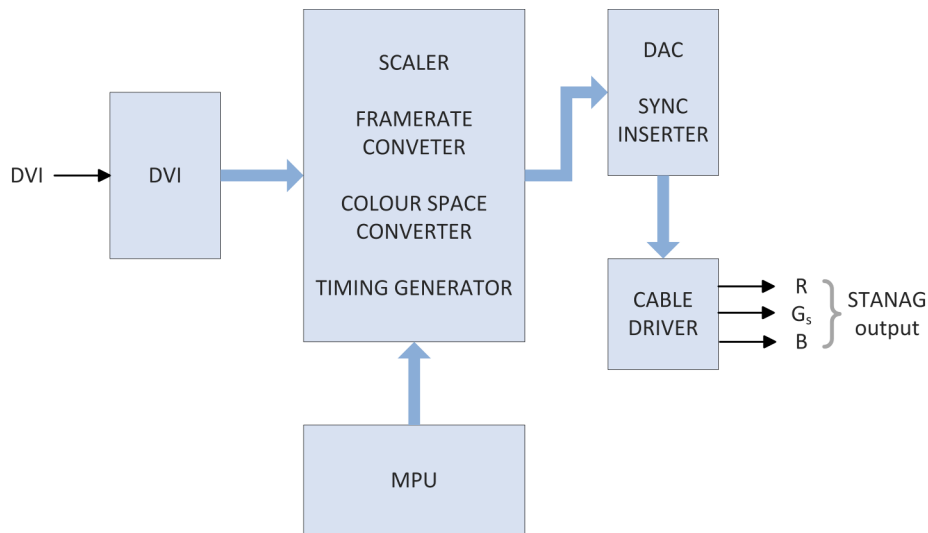
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DVISTANAG Functional Diagram

Avionic

Instrumentation

Multi-Function

Displays

Instrument Panels

Features

- Converts DVI/HDMI to STANAG 3350 output
- STANAG 3350 compliant Class A, Class B and Class C
- Separate RGB outputs with sync-on-green
- Supports up to 1280 x 1024 DVI/HDMI resolution input
- Standard PCI-104 mechanical form factor
- Stand-alone operation and O/S-neutral
- Compact 3.8" x 4.5" PCI-104 stackable card form factor
- Single +5V power supply

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PCI-104 Bus Interface

Does not require PCI bus signal connection (on board MPU)
 Remote or stand-alone operation
 Mechanical mounting for PCI-104 stack

DVI/HDMI Video Input

DVI/HDMI Progressive input
 Automatic detection of input resolution
 Up to 1280 x 1024 SXGA input resolution

Video Input Resolutions

SVGA 800 x 600
 XGA 1024 x 768
 SXGA 1280 x 1024

STANAG3350 Analog Video Output

10-bit digital-to-analog conversion
 Red, Sync-on-Green, Blue
 Supported output standards:
 STANAG 3350 Class A 875 lines @ 30 fps (based on RS-343)
 STANAG 3350 Class B 625 lines @ 25 fps (based on PAL)
 STANAG 3350 Class C 525 lines @ 30 fps (based on NTSC RS-170A)

Miscellaneous

Single +5V supply
 Operating Temp of 0°C to 60°C
 Extended Temperature -40°C to +85°C (option)
 Standard 4.5 x 3.8in PCI-104 form factor (with I/O extensions)

Related Products

VGASTANAG VGA-to-Stanag3350 converter
 STANAGVGA-IS Stanag3350-to-VGA converter

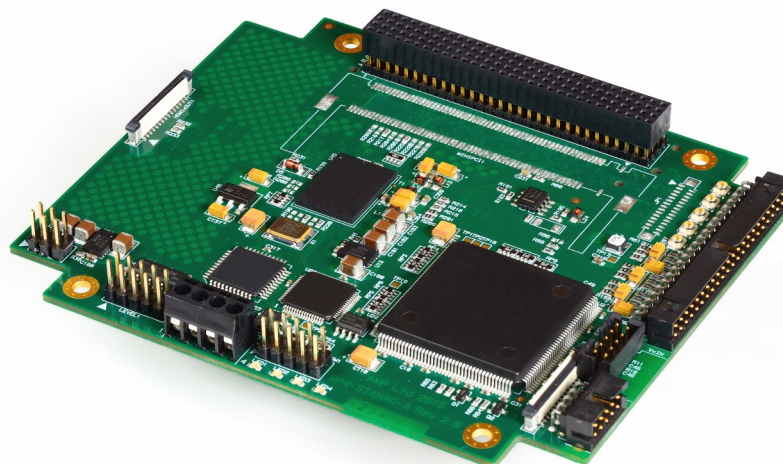
Ordering Information

STANAG 3350 Output (0 to +60°C)

DVISTANAG-A STANAG-Class-A Output
DVISTANAG-B STANAG-Class-B Output
DVISTANAG-C STANAG-Class-C Output

STANAG 3350 Output (Ext Temp -40 to +85°C)

DVISTANAG-A-Ext STANAG-Class-A Output
DVISTANAG-B-Ext STANAG-Class-B Output
DVISTANAG-C-Ext STANAG-Class-C Output



DVISTANAG

