



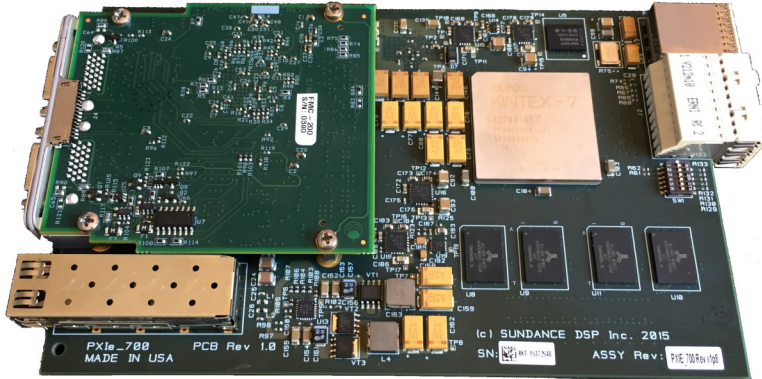
Sundance
Digital Signal Processing Inc.
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SUNDANCE DSP – IP Cores, Prototyping, Evaluation Boards, Modules, Embedded System Tools, Design Services and more

VideoGuru Professional Video Analyzer and Generator



- Support for All Common Formats
- Digital and Analog
- 3U PXIe Card Form-Factor
- Flexible Software
- Scriptable Tests
- Customizable Report Formats
- Suitable for Lab or Production Use
- Available with Standard PXIe Chassis

Overview

The SundanceDSP VideoGuru System is a complete, modular, flexible, video test system. By supporting both generation and analysis for multiple video formats, VideoGuru can be used to test Cameras, Synthetic Video Sources, Monitors, Frame Grabbers, Recorders, Transport Systems, and cross-format converters.

The GUI-based software controls all boards in the system (one or more boards per video format) and is equally at home as a lab instrument for design & debug as it is on the production line for automated testing with scriptable tests & reports or in the studio for live signal testing.

Features

- Support for all common video formats:
 - HDMI / DVI
 - SMPTE (SD & HD)
 - Camera Link, single and dual connector
 - GigE-Vision
 - Composite Baseband (NTSC/PAL/S-Video)
 - Component, RGB & YPrPb
 - DB15 Analog VGA-style Component
- Generator and Analyzer available for each format
- FPGA-based 3U PXIe Carrier
- FMC front-panel video IO, format-specific
- Field-upgradable FPGA firmware
- Extensive measurement suite, including:
 - Video and Sync Timing
 - Random & Fixed-Pattern Noise
 - Modulation Transfer Function
 - Linearity
 - Gamut
 - Bit Error Rate (Digital Formats)
 - EDID Verification

Screen Shots

