



## Project Description:

A complete line of HDMI switches and video format converters designed to allow easy connection and integration of legacy audio/video equipment with the new high definition television systems.

## Key Features / Project Highlights:

- Complete product family design and development, from concept to multiple product manufacturing in China
- Developed high density HD Analog to HD Digital conversion module (Component YPrPb 10-bit 1080i analog to HDMI digital)
- Market Research, Requirements Analysis, System Architecture, Industrial and Mechanical Design, Hardware Design, Embedded Software Development, Validation and Compliance Testing, Manufacturing Support
- Unique system features, patent-pending power control and communications protocol, enhanced connector designs and elegant product enclosures
- Switch products support both modern HDMI-enabled equipment and legacy equipment (via converter cables)
- Converter cables powered directly from Switch products, eliminating extra power supplies and simplifying wiring

## About LocoLabs:

LocoLabs is a Silicon Valley, CA provider of custom and turnkey development platforms and modules for embedded designers. It is our mission to accelerate your product development, drawing on more than a decade of experience tackling tough embedded design problems for leading suppliers of consumer, computing and commercial systems.

In our engineering and design work, LocoLabs customers call us the "Rev-Zero" company. With success stories in consumer electronics, commercial robotics, HD video and instantly deployable wireless networking, our experience reinforces the value of fast prototyping and hardware/software co-design. LocoLabs' cross-trained Embedded, Multimedia, Wireless and Linux experts in our Silicon Valley design center are available to support your rapid product development.

