



Company Overview

LocoLabs is a Sunnyvale, California provider of custom and turnkey development platforms and modules for embedded designers. The company's mission is 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.

Founded in 1996, LocoLabs helped pioneer the digital video recorder revolution, created rich media children's game platforms, and has completed dozens of other projects for leading OEMs. The company brings its "Loconium-inspired" attitude to the design of development platforms that speed innovation by enabling organizations to focus on customization and craft applications to run on proven, hardware platforms.

ENGINEERING SUPPORT & SERVICES

SOFTWARE

Professional Software Design Supporting the Calliope Platform & Custom Applications

- Linux Board Support Packages (BSP)
- Board Bring Up (BBU)
- Boot Loaders (BLOB, Multi-Level-Secure)
- ARM Specialists
- Trolltech Qtopia Application Design
- Custom Language Compiler Design
- Device Drivers (Linux, Custom Kernel)
- Development Tool Porting (gcc, gdb, oprofile, etc.)
- Open Source Experts

HARDWARE & MECHANICAL

Expert "Rev-Zero" Module Customization & Custom Design

- High Density/Low Profile
- High Speed & Impedance Control
- RF, Audio, Video
- FPGA/ASIC (Verilog & VHDL)
- 3D Enclosure Design
- 3D PCB Modeling ensures fit
- Analog Simulation ensures quality
- Die Bonding for lowest cost
- Medical/Military/Industrial
- Overnight Expedite Experts

MANUFACTURING

Experts at Designing Manufacturable Products & Delivering Volume

- Rapid Prototyping Experts
- High-Volume Design Specialists
- Turnkey Volume Production
- Web-Enabled ECO Process
- Web-Enabled Documentation Release
- Accelerated Life Testing
- Design for EMI/RFI Immunity
- Design for Testability
- Test Fixture Development
- Design for RoHS Compliance

CALLIOPE PLATFORM

The Calliope Platform allows embedded designers to build media-rich, connected products quickly and easily. It combines a processor/video scaler module and personality module in one small, rugged OEM-enclosure with a flexible expansion module for customization and prototyping.

Calliope is a complete core hardware package for fast functionality and co-design of applications by developer teams, with available software for connected applications. The compact, elegant design makes it immediately usable as a demonstrator and rapid prototyping platform incorporating applications and custom features integrated by developers.

- For Internet-connected, media-rich systems
- Flexible hardware functionality for prototyping, application co-design
- Full test and debug support
- Leverages Marvell PXA processor (Intel XScale architecture), HD video, integrated WiFi/Bluetooth
- Available Linux BSP, Qtopia Framework, Sample Drivers, Basic Applications (Web Browser, Networking, Media Player, Messaging, etc.)

