

Project: 400G Line Card



AimValley Solution

- Design, development & production
- Used most advanced FPGA's (72Amps@0.85V)
- Engagement model: Time & Material
- Team size: ~4 developers

Key technologies:

- 100G, 400G, 25G NRZ, 56G PAM-4

Customer Objectives

- Improved PCIe based modules for Ethernet Network Analyzer
- Thermal optimization of the modules and the chassis
- Reduction of production costs
- Reliability improvement



Results & Added Value

Efficiency	Reduced PCB production cost by 80% PCB developed in less than 4 months
Successful	Delivered PCB First-Time-Right
Partnership	Development in close collaboration, enabled incorporating changed priorities
Innovative	3D simulations to ensure best possible signal quality. Flow simulations for thermal analysis