

Resilient Support for Next-Generation Data Centers

1FINITY Series DWDM Solution

Contact Information
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1FINITY Ultra Optical System

1FINITY T900/T950



- High Baud Rate and Compensation Technology for High OSNR and Extended Reach
- Liquid cooling technology enables space saving and low power consumption
- Transmission Capacity:
1.2 Tbps / Lambda, 14.4 Tbps / blade
- Includes functions for SOP* Fluctuation Localization and Optical Path Profiles Estimation

*SOP: State of Polarization

800G coherent pluggable

1FINITY P300 (OSFP)



- 800Gbps high capacity and low power consumption through Photonics-Electronics Convergence Technology
- Enables multi-vendor interoperability and complies with open standards
- High reliability through error correction.
- Operation and management support using Virtuora NC

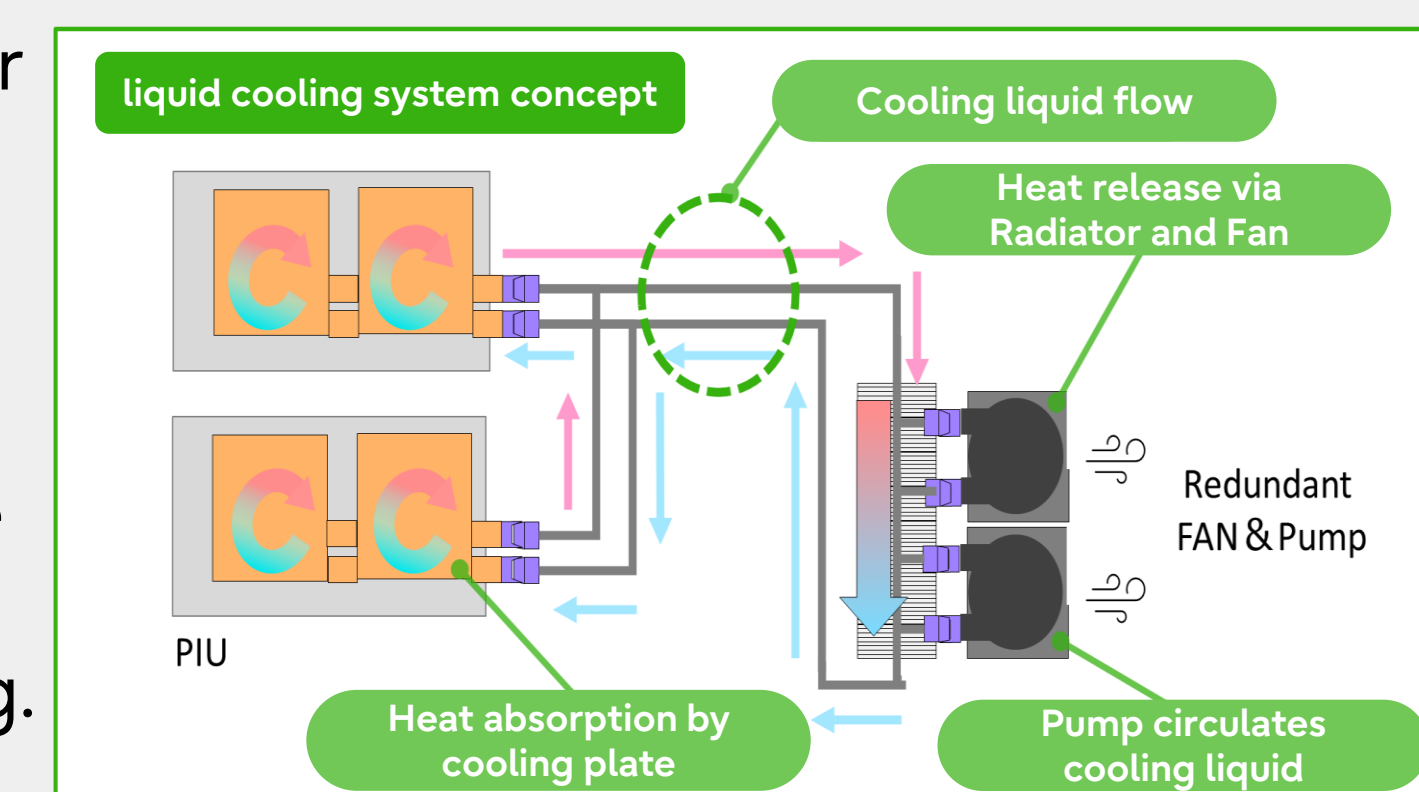
1FINITY T900/T950

World-class optical transport platform

Enables high-capacity, long-haul transmission of 1.2 Tbps per wavelength through a digital signal processing LSI (DSP) utilizing the latest semiconductor process, in addition to achieving low power consumption through 5nm technology and Power-saving FEC.

Closed-loop liquid cooling system with 2x cooling capacity of traditional systems.

Reduces space and power consumption without additional equipment. Hot-swappable PIUs and pumps ensure worry-free operation, eliminating the need for liquid replenishment or cleaning.



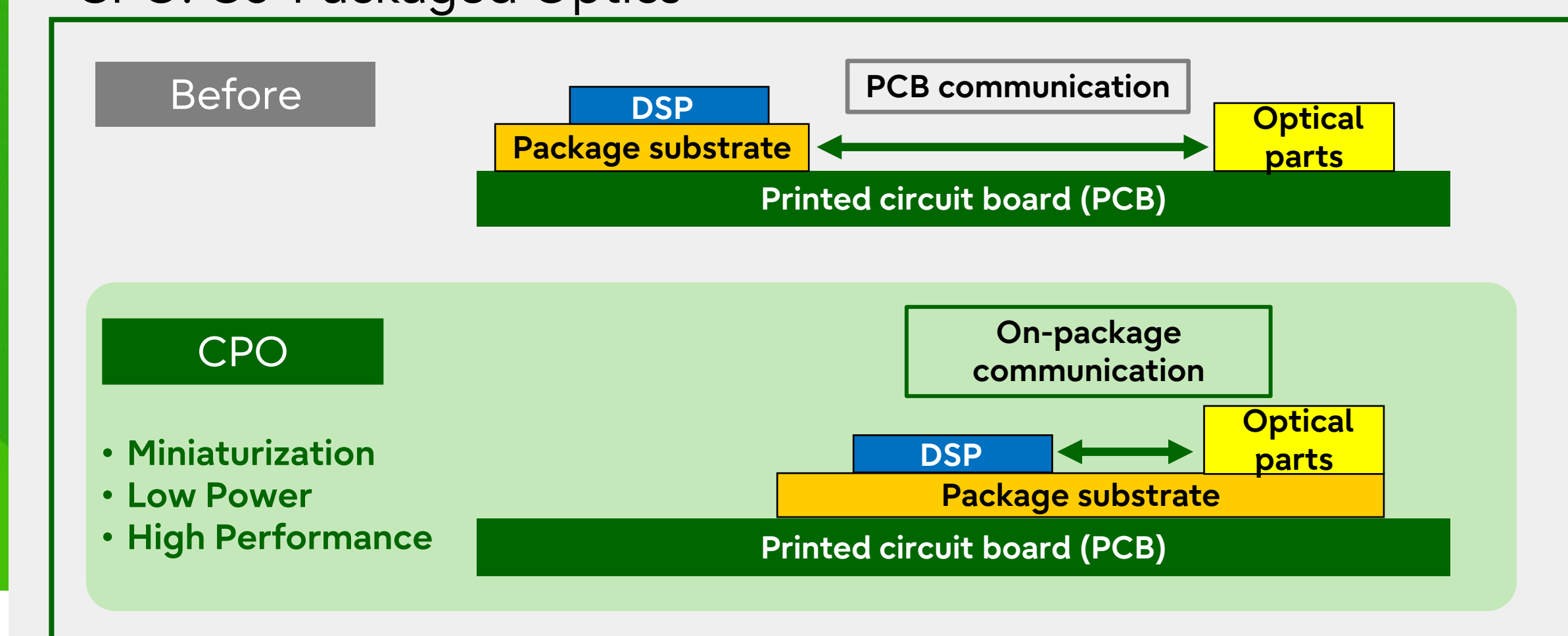
1FINITY P300

Multi-vendor compatible high-capacity coherent pluggable

Supports IP over DWDM, enabling flexible installation and management in third-party equipment. High-capacity 800Gbps optical transmission and miniaturization of 3nm technology reduce power consumption and costs for data center interconnect(DCI) networks.

Key Technology "CPO*" for 800G Coherent Pluggable

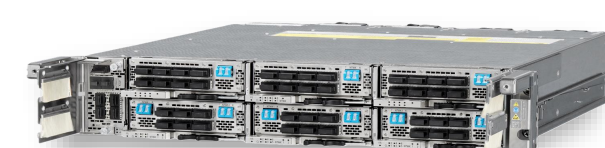
*CPO: Co-Packaged Optics



Line-up

High Performance High Capacity

Embedded Transponder



1FINITY T900/T950

Superior maintainability

Pluggable-type Transponder



1FINITY P300 (QSFP)* + T700

* This will be QSFP.

Flexibility, Cost optimization

IP Over DWDM



1FINITY P300 + Router/Switch

