

Interlaken IP Core for high-speed chip-to-chip applications is now available

Copenhagen, Denmark, September 29, 2021 - Comcores ApS, a fast-growing specialized supplier of Intellectual Property (IP) Cores expands its Chip-to-chip Interface IP portfolio by announcing the availability of a high-performance Interlaken IP.

Comcores as the leading provider of silicon-proven JESD204B and JESD204C Controller IPs, now introduces a high-performance Interlaken IP, a silicon and PHY agnostic implementation of the Interlaken Protocol version 1.2 targeting any ASIC or FPGA technologies.

Comcores Interlaken IP supports up to 2.6Tbps high-bandwidth performance and comes with an integrated Media Access layer. The IP has an extensive feature-set available and allows scalability in both number of lanes and lane speed.

Key Benefits of the Interlaken IP:

- **High Performance**
 - Up to 2.6Tbps Maximum bandwidth with 48 lanes
 - Up to 56Gbps SerDes rates per lane
- **Feature-rich**
 - MAC layer with fast AMBA CXS interface and highly configurable PCS layer
 - Flow control, Dual Calendar, Look-Aside, Retransmit, and FEC support as options
- **Flexibility**
 - Gearbox included to enable easy interfacing to any SerDes width
 - Extensive feature-set and option to customize based on customers' need
- **Easy to use**
 - Strong engineering support for bring-up
 - Easy to use RTL test environment

About Comcores

Comcores is a Key supplier of digital IP Cores and design services for digital subsystems with a focus on Ethernet Solutions, Wireless Fronthaul and C-RAN, and Chip to Chip Interfaces. Comcores' mission is to provide best-in-class, state of the art, quality components and design services to ASIC, FPGA, and System vendors, and thereby drastically reduce their product cost, risk, and time to market. Our long-term background in building communication protocols, ASIC development, wireless networks and digital radio systems has brought a solid foundation for understanding the complex requirements of modern communication tasks. This know-how is used to define and build state-of-the-art, high-quality products used in communication networks.

To learn more about this solution from Comcores, please contact us at sales@comcores.com or visit www.comcores.com.