

112Gbps-PAM4 Connectivity – Different Solutions for all Applications

The market requirements of 112Gbps-PAM4 connectivity for optical transceiver pluggable modules are constantly increasing. Yamaichi Electronics is a leading company for 112G high speed connectors. Our portfolio includes also benchmark breaking signal integrity connectors up to 112G-NRZ and soon 224G-PAM4. Yamaichi plays an important role in the 112G and 224G standardisation and provided many concepts for MSAs.

Yamaichi Electronics offers 112Gbps-PAM4 for: OSFP, QSFP, QSFP-DD, SFP, DSFP, NGSFP-DD, CFP and more. Also available are our modular mezzanine connector and our high-speed jumper cable interconnect product.

- SFP and DSFP up to 112Gbps-PAM4 per differential pair.
- NGSFP-DD the next generation small form factor pluggable with double density.
- QSFP and QSFP-DD host connector up to 112G-PAM4 per differential pair.
- The latest development in CFP2 form factors.
- 112Gbps-PAM4 Mezzanine Connectors – YTM Series with highest density.
- 112Gbps-PAM4 high-speed jumper cable interconnect product with stable data transmission.

Visit us at ECOC 2022 in Basel, Switzerland, from 19 through 21 September at **stand no. 284**. We will be demonstrating the excellent SI performance of our 112G connectivity products.

Furthermore, on Wednesday 21st September 2022, from 13:10 to 13:40 h, our Business Development Manager for Data Networking, David Binder, will hold a technical presentation at the [ECOC Product Focus Session](#) in Basel. The topic will be about “112G/224G-PAM4 connectivity – inside and outside the optical module”.

About Yamaichi Electronics

Yamaichi Electronics is a market leader for Test & Burn-In sockets, connectors and connection systems. Their reliability and functional dependability are essential for success of the overall project. Yamaichi Electronics established themselves on the world market very quickly as a manufacturer of high quality, reliable components for demanding applications in various markets and applications: semiconductor, industrial automation, automotive, data networking, measurement & testing, medical, mobile computing, embedded computing, and others.

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