

# **AdrenaLINE 224G CONNECTOR PORTFOLIO FOR ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ARCHITECTURES**

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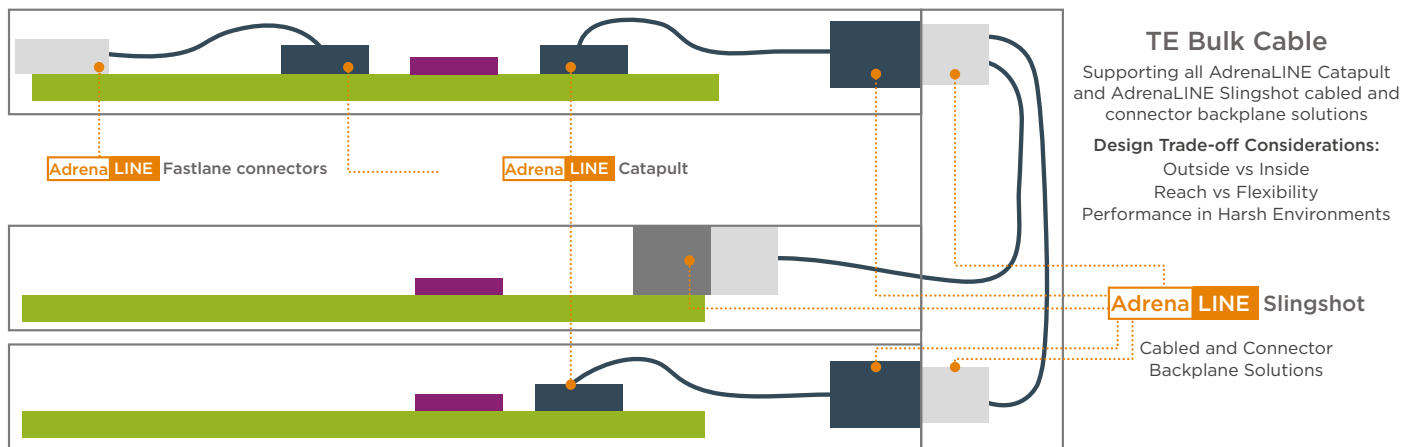
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TE Connectivity (TE) stands as a pioneering force in 224G landscape, leveraging extensive expertise and experience in Artificial Intelligence (AI) and Machine Learning (ML) systems. Renowned for exceptional signal integrity and high performance in its backplane connector products, TE has consistently delivered on multiple AI projects with precision timing and commitment to quality.

As a trusted go-to partner in 224G technology, TE provides comprehensive engineering support and tailored solutions. Our commitment to our customers ensures that we provide connectivity products that adhere to standard form factors and to specific customer performance requirements and are designed for seamless interconnectivity and compatibility. TE's connector products can minimize architecture uncertainties, accelerating your time-to-market with offerings that can meet or surpass industry standards.

TE's AdrenaLINE 224G connector portfolio is a next generation solution meticulously engineered for GPU module integration and optimized for higher data rates driving cabled system architectures. This product portfolio addresses the dynamic landscape by presenting a robust end-to-end solution for a clear transition to 224G data center operations. The AdrenaLINE 224G connector portfolio includes near-chip connectors, cabled backplane, cabled I/O connectors, micro LGA socket, and in-house produced 224G cable—a comprehensive solution for next-gen operations, delivering crucial connectivity from beginning to end.

TE's AdrenaLINE connectors can seamlessly combine cutting-edge technology with top-tier performance, enabling the evolution of AI and ML systems. Embrace the future confidently with TE's AdrenaLINE connectors, where innovation converges with reliability.



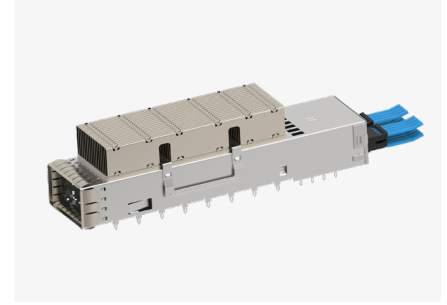
### TE's AdrenaLINE Connector Portfolio Assets:

- AdrenaLINE Catapult 224G Near Chip Socket and Mating Connector
- AdrenaLINE Slingshot Cabled Backplane Connectors and R/A PCB Mate
- AdrenaLINE Fastlane 224G cabled I/O connectors
- AdrenaLINE 224G bulk cable\*
- AdrenaLINE 224G Micro LGA Socket

(\*Not available as a standalone item)

### AdrenaLINE Fastlane Connector Features:

- Cabled I/O connectors with twinax copper cables connecting to near-chip connectors
- Industry standard form factors like OSFP & QSFP-DD
- Integrated connector and cage press onto the host board
- Auxiliary pins (power and low-speed lines) press onto board like a traditional receptacle



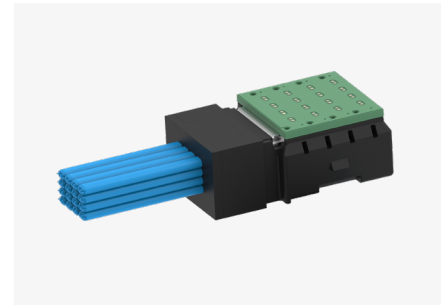
### AdrenaLINE Slingshot Connector Features:

- Hermaphroditic mating interface for 224G signal integrity (SI) performance
- Operates at 224G PAM-4 data rates with 90 Ohm impedance
- Design optimized for 25 to 32 AWG cabled backplane architectures



### AdrenaLINE Catapult Connector Features:

- Near-chip connector utilizing uLGA socket technology
- Socketed technology enables excellent signal integrity at 224G data rates
- Available in varied configurations of differential pairs 16DP, 32DP, 36DP, 40DP, 64DP
- Customization available for other configurations & latching/compression mechanisms



### AdrenaLINE 224G Micro LGA Socket Features:

- Excellent SI performance at high-speed data rates
- Support easy assembly and disassembly from the cage
- The contact pins are protected in the socket housing on the board side, which helps prevent the pin damage during assembly and disassembly
- Standard density, high density and ultra high density offerings can address various need of customers



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