



SEMICONDUCTOR MANUFACTURING

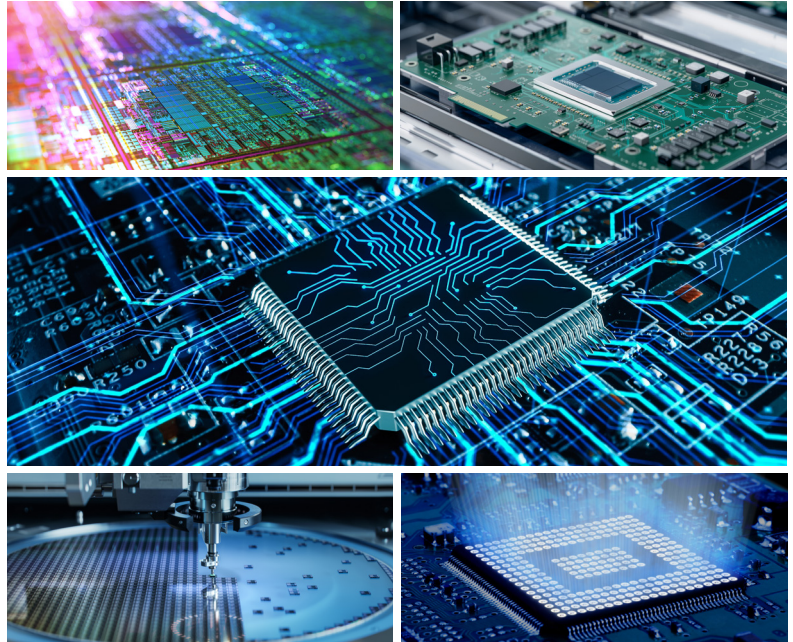
Samtec's industry-leading interconnects and cable technology offer optimal solutions for customers in the semiconductor manufacturing market, including high-density solutions that feature a high aggregate number of signal channels to enable the latest designs. Samtec's Sudden Service® provides direct access to signal integrity experts, 3D models, test reports and samples to help streamline the design process. For more information visit samtec.com/semi-manufacturing or email SIG@samtec.com.

Product Features & Benefits

- Industry-leading cable performance
- High bandwidth / low latency systems
- Signal integrity-optimized solutions
- Extended signal reach
- High-density solutions

Design & Development Support

- Industry-leading component and system-level engineering expertise
- Samtec cable assemblies also undergo cable flex and/or dynamic testing to prove consistent electrical stability in demanding applications
- Free online tools & resources: 3D Models, Prints, Picture Search & Solutionator product builders



SIGNAL INTEGRITY SUPPORT

Samtec is the industry leader in Signal Integrity. Our mission is to help you attain full system optimization - from Silicon-to-Silicon™.

- Full channel analysis
- System optimization recommendations
- PDN simulations
- Advanced product design support

Visit samtec.com/sig or contact SIG@samtec.com.

RF DESIGN, DEVELOPMENT & TECHNICAL SUPPORT

Samtec offers high-quality RF products from design and fabrication to technical support.

- Launch optimization & design services
- Simulation
- Prototyping
- Physical test and measurement verification

Contact Samtec's RF Group at RFGroup@samtec.com for assistance

EVALUATION & DEVELOPMENT KITS

Samtec-designed kits simplify the interconnect design process and reduce time to market.

Kits are tested and verified by Samtec's signal integrity experts before customer delivery.

Visit samtec.com/kits or contact KitsAndBoards@samtec.com.

ONLINE TOOLS

Solutionator®: Quickly build mated connector sets or design full cable assemblies



samtec.com/hsb2b-solutionator



samtec.com/cablebuilder



samtec.com/rf-cablebuilder

Picture Search: Browse through Samtec's most popular products to find the ideal solution

samtec.com/picturesearch

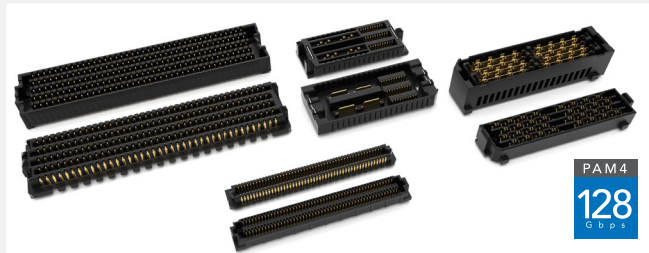
Downloadable Resources: Immediate and unlimited access to select the right solution - 3D models, prints and footprints, test reports, white papers and more

samtec.com

INTERCONNECT SOLUTIONS

High-Speed, High-Density Arrays

Samtec high-speed, high-density arrays combine extreme density and performance to 128 Gbps PAM4 data rates.



samtec.com/arrays

High-Speed Cable Systems

Samtec's high-speed board-to-cable and Flyover® cable systems provide innovation for next generation architectures with data rates up to 448 Gbps.



samtec.com/high-speed-cable

High-Density Arrays

Samtec's SEARAY™ products are the industry's largest offering of high-speed, high-density open-pin-field arrays that support 56 Gbps PAM4 applications and Analog Over Array™.



samtec.com/searay

AcceleRate® HP Cable Systems

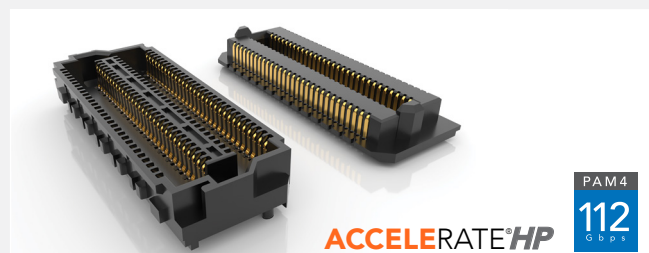
AcceleRate® HP cable assembly is the industry's highest density 112 Gbps PAM4 rated solution for near-chip cable-to-board applications.



samtec.com/acceleratehp-cable

High-Performance Arrays

Samtec's AcceleRate® HP family of interconnects provides incredible flexibility with extreme density up to 800 total I/Os and 112 Gbps PAM4 performance.



samtec.com/acceleratehp

High-Performance Test

Bulls Eye® test and measurement assemblies to 130 GHz/ 448 Gbps with a high-density, space saving design that enables smaller evaluation boards and shorter trace lengths.



samtec.com/bullseye

Visit samtec.com to view our full line of interconnect solutions.

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