



INDUSTRIAL AUTOMATION

Samtec delivers Sudden Service® solutions that meet the sensor, controller and communication network requirements of today's industrial automation applications. Industry-leading expertise in rugged/power and high-performance interconnect systems, combined with on-going **Extended Life Product™** and **Severe Environment Testing** initiatives, enables quick-turn, cost-effective options for the performance, reliability and durability demands of industrial automation applications. For more information, visit samtec.com/industrial-automation or contact SIG@samtec.com.

Product Features & Benefits

- Signal integrity-optimized solutions
- High-reliability / rugged contact systems
- Flexible / customizable board stacking options
- Small form factors / ultra-high densities
- High vibration and high mating cycle systems
- High power interfaces

Design & Development Support

- Free online tools & resources: 3D Models, Prints, Picture Search & Solutionator® product builders
- Extensive testing initiatives that surpass typical industry standards and specifications
- Industry-leading component and system-level engineering expertise



Severe Environment Testing

SET is a Samtec initiative to test products beyond typical industry standards and specifications.

Products undergo additional testing to ensure they are *more than suitable* for military, space, automotive, industrial and other extreme applications.

For additional information and current test results, please visit samtec.com/SET or contact SET@samtec.com.



Extended Life Product™

E.L.P.™ products are tested to rigorous standards that evaluate contact resistance in simulated storage and field conditions. These include:

10 year Mixed Flowing Gas (MFG)

High Mating Cycles (250 to 2,500)

For complete details about the E.L.P.™ program and a full list of qualifying products and test results, please visit samtec.com/ELP or contact ASG@samtec.com.

EXPRESS MODIFICATIONS & ENGINEERED CUSTOMS

Samtec offers express modification and engineered custom products with low or no NRE charges, quick-turn samples, short lead times, and low or no MOQs. Customization is possible across every product category – from Silicon-to-Silicon™. Contact ASP@samtec.com.

CONTACT SYSTEM FLEXIBILITY

Samtec offers a contact system for any application need from high-reliability and high-retention, to signal integrity optimized and extremely rugged. Visit samtec.com/contact-systems to learn more.



Samtec's most rugged contact system rated to 1,000 mating cycles with multiple points of contact for high-reliability.

INTERCONNECT SOLUTIONS

High-Speed Board-to-Board

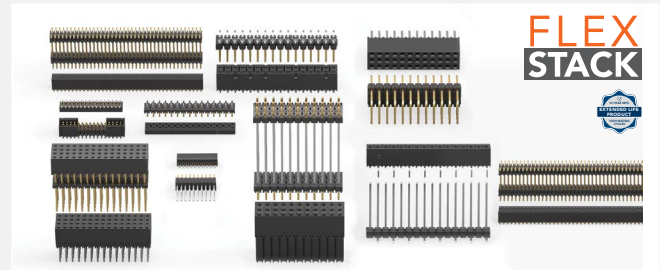
High-performance mezzanine and backplane systems with contact durability, optimized signal integrity, integral ground planes, high-density pin counts and ultra fine pitches.



samtec.com/hsb2b

Flexible Stacking Systems

Samtec offers the industry's largest variety of board stacking interconnects, available in a variety of pitch, density, stack height, orientation, and contact system options.



samtec.com/flexiblestacking

High-Speed Edge Card Systems

Choice of pitch, orientation and pin count with performance to 64 Gbps PAM4 and PCIe® solutions.



samtec.com/edgecard

High-Performance Arrays

High-density, open-pin-field design for maximum routing, grounding and design flexibility.



samtec.com/acceleratehp

Rugged SI Edge Rate® Strips

Signal integrity optimized, high-cycle contacts with a choice of pitch, stack height and ruggedizing features.



samtec.com/edgerate

High-Reliability Tiger Eye™

Rated to 1,000+ cycles with a choice of pitch, termination, rugged features, and mating discrete wire or IDC cable systems.



samtec.com/tigereye

High Power Systems

Rugged, high power interconnect systems (up to 60 A) are available in small form factors with flexible designs.



samtec.com/power

Rugged I/O Systems

Power I/O, extreme optics and IP67/IP68 sealed solutions with high-reliability contacts and a variety of rugged options.



samtec.com/sealed

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

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