



The IP&E
Specialist

Samtec



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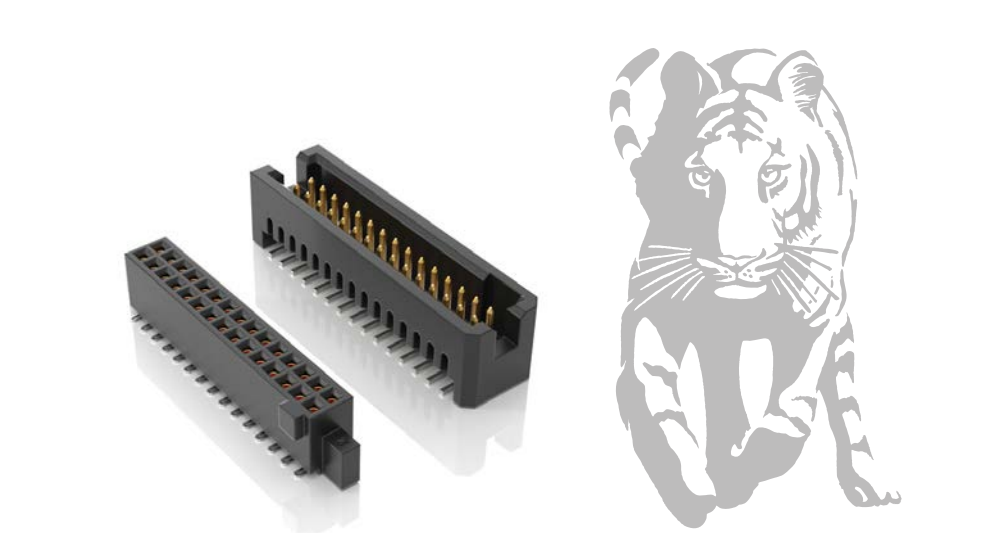
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From standard cataloged products to unique high-performance design, Samtec's six solution blocks are designed to support any interconnectivity need, regardless of application, performance requirements or environment.





Samtec's core board-to-board solutions include flexible stacking and rugged/power connectors that are designed for high cycle, high performance and high power in harsh environments and demanding applications.

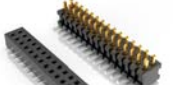


Samtec's Silicon-to-Silicon™ solutions enable speeds up to 224 Gbps and beyond. With high-speed B2B and cable solutions, along with optical and RF solutions, Samtec is leading the way with higher densities, faster speeds and smaller footprints to meet the demands of next generation systems.






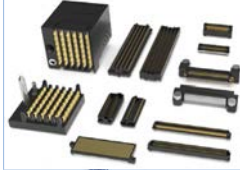






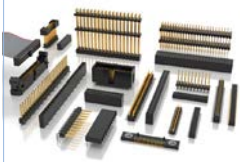
FEATURED PRODUCT	
<p>SFM/TFM Tiger Eye™ High-Reliability Strips</p>	<p>Tiger Eye™ is a multi-finger, heat-treated, beryllium copper contact designed for harsh environments. This series is a 1.27 mm pitch mated socket and terminal set available in multiple orientations. Pairs with SFSS/SFSD Cables.</p>

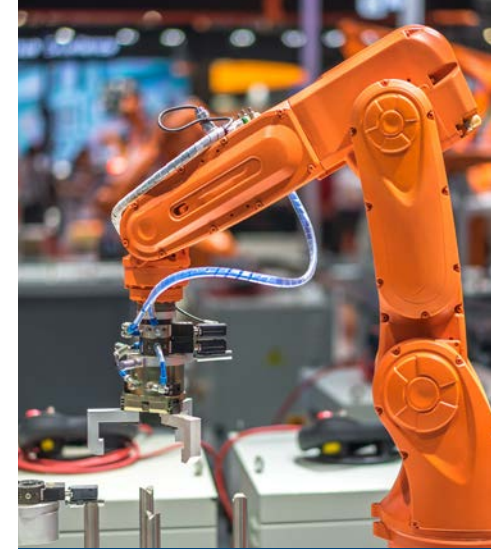
HIGH-SPEED BOARD-TO-BOARD		
	<p>SEAF/SEAM SEARAY™ Open-Pin-Field Arrays</p>	<p>SEARAY™ offers the largest high-speed, high-density open-pin-field arrays with up to 720 I/Os, maximizing design flexibility for single-ended or differential pair configurations.</p>
	<p>ERF8/ERM8 Edge Rate® High-Speed Contact System</p>	<p>Edge Rate® contact system for high-speed, high-cycle use offers 10-200 positions, 7-18 mm stack heights, differential pairs, multiple orientations, and rugged features and cable mates (ERCD, ERDP).</p>
	<p>QSH/QTH Q Strip® High-Speed Ground Plane Strips</p>	<p>Q Strip® connectors feature surface mount signal contacts and a ground plane for improved performance. The QSH/QTH series offers 0.50 mm pitch, optional rugged features, and cable mates (HQCD, HQDP).</p>
	<p>HSEC8 Generate™ High-Speed Edge Card Connector</p>	<p>Samtec's 0.80 mm pitch HSEC8 sockets are available in vertical, pass-through, right-angle, or edge mount orientations, and with elevated stack heights to 30 mm. A cable mate is also available (ECDP).</p>

FLEXIBLE STACKING SOLUTIONS		
	<p>FTSH/CLP 0.50" Pitch Header and Socket</p>	<p>FTSH is a versatile header with through-hole, surface mount, and mixed tech options in vertical or horizontal orientations. CLP is a rugged PCB mount socket for top- and bottom-entry use.</p>
	<p>TSW/SSW 0.100" Pitch Header and Socket</p>	<p>TSW offers exceptional design flexibility with various lead styles, plating options, and pin configurations. SSW is a PCB socket in surface mount and through-hole for new and retrofit designs.</p>
	<p>EHF/FFSD/FFTP 0.50" Pitch IDC System</p>	<p>The 0.50" pitch IDC system provides rugged power with shrouded contacts for reliability in harsh environments. The EHF is a double-row header with ejectors, mated with FFSD and FFTP cables.</p>

RUGGED / POWER		
	<p>LSHM Self-Mating Hermaphroditic Connectors</p>	<p>LSHM is a high-density, rugged connector for board-to-board and board-to-cable use, with optional EMI shielding. Its hermaphroditic design saves PCB space using Razor Beam™ fine pitch contacts. Pairs with HLCD Cables.</p>
	<p>UMPT/UMPS mPOWER® Ultra-Micro Power System</p>	<p>mPOWER® system offers up to 18 Amps per contact with 2-10 contacts on a 2.00 mm pitch, available in various stack heights, orientations, and cable-to-board (UMPC) and cable-to-cable (UMPE/UMPI) solutions.</p>
	<p>T1M/S1SS/S1SD 1 mm Pitch Micro Mate™ Discrete Wire System</p>	<p>Micro Mate™ offers space-saving, flexible design with dual leaf contacts for reliable connections in cable-to-board, cable-to-cable, and cable-to-panel applications, available as components or assemblies.</p>

SILICON-TO-SILICON™ SOLUTIONS	
	<p>High-Speed Board-to-Board</p>
	<p>High-Speed Cable</p>
	<p>Optics</p>
	<p>RF</p>

CORE BOARD-TO-BOARD	
	<p>Rugged/Power</p>
	<p>Flexible Stacking</p>





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INSTRUMENTATION



AUTOMOTIVE

Founded in 1976, Samtec is much more than just another connector company. It excels at putting people first, along with a commitment to exceptional service, quality products and innovative technologies that take

the industry further. This is enabled by a unique, fully integrated business model, which allows for true collaboration and innovation without the limits of traditional business models.



The IP&E Specialist



QUALITY AND RELIABILITY

TTI is the first distributor to have all global warehouse locations ISO registered and currently are certified to ISO 9001 with AS9100 and ISO 14001 in North America, ISO 9001, EN 9100, ISO 14001 and EN 9120 in TTI Europe and ISO 9001 in TTI Asia.

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02/25 2000DP