



THERAPEUTICS

Samtec products and Sudden Service® commitment enable OEMs and our partners to rapidly prototype, optimize, and produce next generation interventional devices. Samtec is ready to help with industry-leading interconnect performance, full system optimization, quick-turn customization, and expert design assistance. We have a non-obsolescence approach, so you can be sure your design will be manufacturable for years to come. For more information, including footprints and test reports, visit [Samtec.com/therapeutics](https://www.samtec.com/therapeutics) or email sig@samtec.com

Product Features & Benefits

- Industry-leading performance
- Configurable for power and data signals
- High mating cycles
- Rapid customization, ruggedizing, and testing options
- Copper, glass and optical solutions

Design & Development Support

- RF technical support for launch optimization, simulation and test & measurement
- Samtec cable assemblies undergo cable flex and/or dynamic testing to prove consistent electrical stability in demanding applications
- Industry-leading component and system-level engineering expertise



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.

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](https://www.samtec.com/sig) or contact SIG@samtec.com.

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](https://www.samtec.com/kits) or contact KitsAndBoards@samtec.com.

ONLINE TOOLS

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



[samtec.com/rf-cablebuilder](https://www.samtec.com/rf-cablebuilder)



[samtec.com/cablebuilder](https://www.samtec.com/cablebuilder)



[samtec.com/optics-solutionator](https://www.samtec.com/optics-solutionator)

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

[samtec.com/picturesearch](https://www.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](https://www.samtec.com)

INTERCONNECT SOLUTIONS

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 Power Systems

High power and power/signal combo connectors (up to 60 Amps), available with high-density power blades, small form factor and flexible designs.



samtec.com/power

Glass Core Technology

Glass is quickly becoming recognized as a viable and vital solution in the evolution of high-performance, high frequency connectivity for medical applications due to its biocompatibility.



samtec.com/gct

RF Connector & Cable Assemblies

Precision, high frequency/standard and low frequency cable assemblies and connectors supporting sub-6 GHz to 130 GHz frequencies.



samtec.com/rf

Ultra Micro Interconnects

Ultra-fine pitch connectors with low profile and slim bodies including self-mating interfaces.



samtec.com/ultra-micro

Optical Transceivers

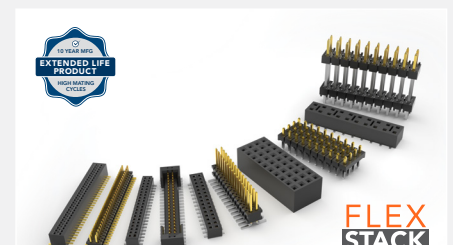
Future-proof optics in a small footprint providing reliable SI; interchangeable with FireFly™ copper assemblies.



samtec.com/firefly

Flexible Stacking Systems

Board stacking interconnects available in low-profile, elevated, right-angle, and pass-through.



samtec.com/flexiblestacking

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

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