

New Product Announcement

Samtec 5G Automotive & Transportation Connectivity Solutions in Stock at Mouser Electronics

October 22, 2019 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking [5G automotive and transportation](#) connectivity solutions from [Samtec](http://www.samtec.com) for same-day shipment.

Leveraging next-generation 5G networks and cloud services, vehicle-to-everything (V2X) technologies enable vehicle intelligence, improve traffic flow, and increase safety. Samtec's automotive solutions include high-performance interconnects engineered to support the ultra-high frequencies and high data rates that 5G technologies like mmWave, massive MIMO, beamforming and full duplex demand.

Samtec [SEARAY™ SEAF](#) high-density socket connectors feature stack heights of 7 mm to 40 mm and PAM-4 performance up to 56 Gbps. The SEAF series includes options for right-angle sockets, 0.8 mm open-pin-field array, press-fit sockets, and right-angle press-fit sockets. SEAF socket connectors offer a solder on each tail for ease of processing and up to 560 single-ended inputs and outputs (I/Os) or 140 differential pairs.

Samtec [Q Strip™](#) mezzanine connectors are designed for high-speed board-to-board applications where signal integrity is essential. Q Strip connectors have surface mount signal contacts, as well as a surface mount ground plane between the two rows of signals for improved electrical performance. Mated sets of the Q Strip connectors are available in eight different stack heights from 5 mm to 30 mm. Options include guideposts for blind mate scenarios, as well as alignment pins and locking clips for proper connector placement before reflow.

To learn more about 5G automotive and transportation connectivity solutions from Samtec, visit www.mouser.com/samtec-5g-automotive-transportation.

With its broad product line and unsurpassed customer service, Mouser strives to empower innovation among design engineers and buyers by delivering advanced technologies. Mouser stocks the world's widest selection of the latest semiconductors and electronic components for the newest design projects. Mouser Electronics' website is continually updated and offers advanced search methods to help customers quickly locate inventory. Mouser.com also houses data sheets, supplier-specific reference designs, application notes, technical design information, and engineering tools.

About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 800 manufacturers. Mouser offers 27 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 750,000 sq. ft. state-of-the-art facility south of Dallas, Texas. For more information, visit www.mouser.com.

About Samtec

Founded in 1976, Samtec is a privately held global manufacturer of a broad line of electronic interconnect solutions, including High-Speed Board-to-Board, High-Speed Cables, Mid-Board and Panel Optics, Precision RF, Flexible Stacking, and Micro/Rugged components and cables. With 40+ international locations and products sold in more than 125 different countries, Samtec's global presence enables its unmatched customer service.

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