



AUTOMOTIVE & TRANSPORTATION



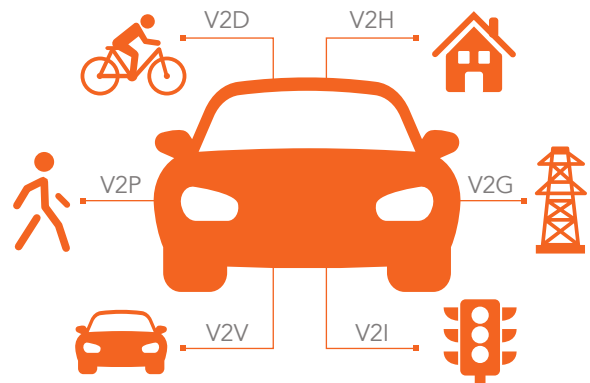
Connected vehicles are the future of mobility. Leveraging next-gen 5G networks and cloud services, V2X technologies enable vehicle intelligence, improve traffic flow and increase safety.

Samtec's expanding **automotive interconnect portfolio** helps route data from 5G radios to sensors throughout the vehicle.

Combined with its IATF 16949 certification, Samtec offers **technical expertise and systems designed specifically to support the unique challenges of automotive and transportation applications.**

With **global manufacturing facilities and full custom product development capabilities**, Samtec is uniquely positioned to support custom interconnect needs of many automotive and transportation applications as well.

V2X TECHNOLOGY



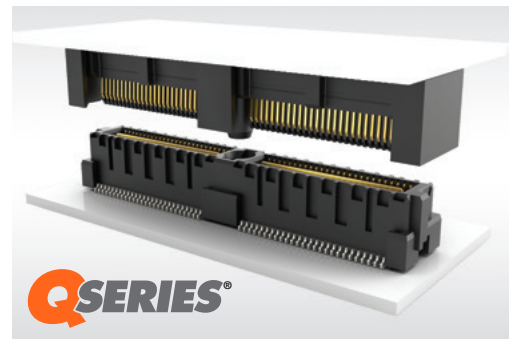
SEARAY™ Open-Pin-Field Arrays

- Samtec's SEARAY™ family is the industry's largest line of high speed, high-density open-pin-field arrays
- Supports 28+ Gbps applications
- Open-pin-field design for maximum routing and grounding flexibility
- Lower insertion/extraction forces vs. typical array products
- Performance up to 18 GHz/pair
- Up to 720 I/Os
- 1.27 mm (.050") pitch and space saving 0.80 mm pitch
- Rugged Edge Rate® contact system
- System can be "zippered" during mating/unmating
- SEARAY™ A-series versions meet PPAP Level 3 process
- Visit samtec.com/searay for details



Q Series® High-Speed Ground Plane Connector Strips

- Designed for high-speed board-to-board applications where signal integrity is essential
- Performance up to 14.0 GHz/ 28 Gbps (single-ended) and up to 10.5 GHz/21 Gbps (differential pair)
- Optimized for 100 Ω systems
- Up to 180 I/Os (single-ended) and up to 100 pairs (differential pair)
- Designs for vertical, perpendicular and coplanar applications
- Q Series® A-series versions meet PPAP Level 3 process
- Visit samtec.com/qseries for details



5G Automotive Products

High Data Rate & High-Frequency Cable Assemblies

Many multi-function antenna systems, instrument clusters and telematic systems leverage Samtec High-Speed Cable Assemblies. Options include high-density array, integral ground plane, hermaphroditic, rugged Edge Rate® and rugged RF systems. Contact HDR@samtec.com to discuss your specific application.



SEARAY™ High-Speed High-Density Array Cable Assembly designed for high-speed, micro pitch applications

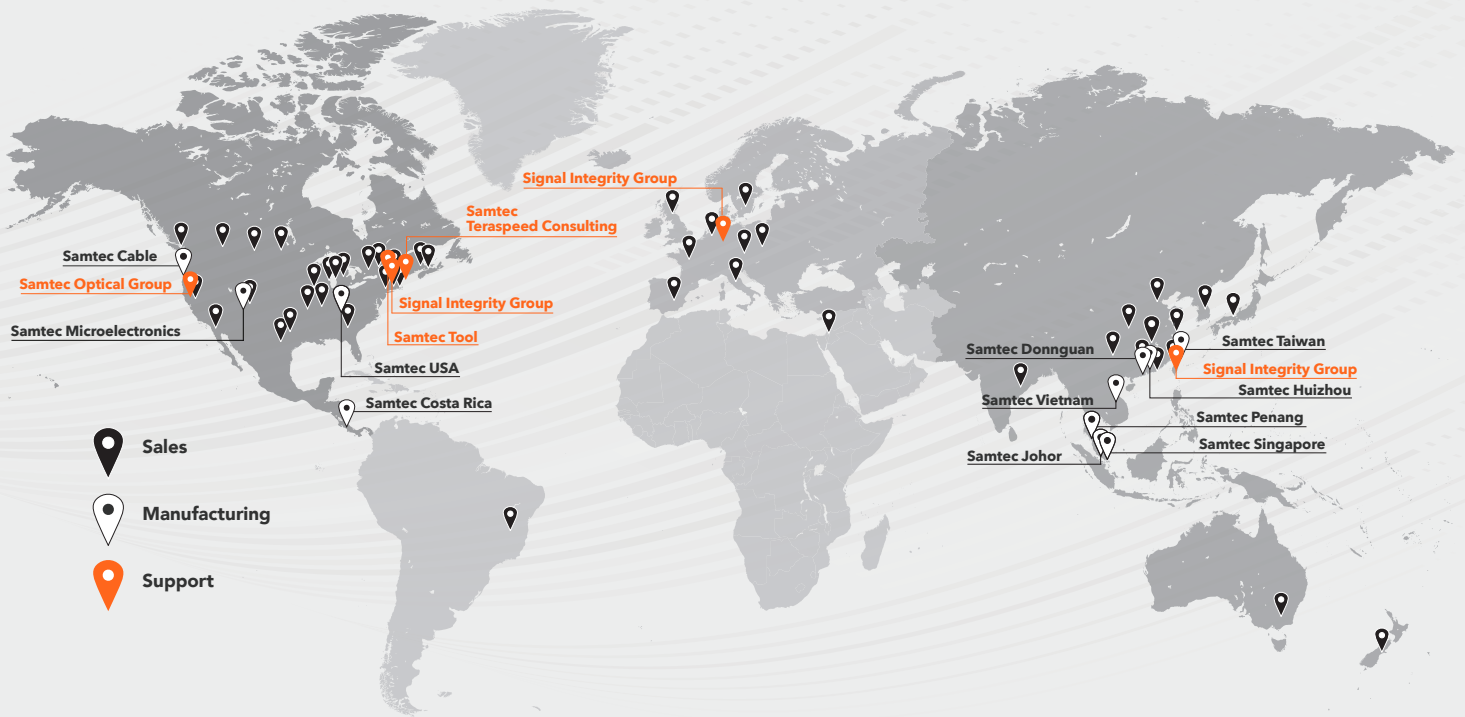


50 Ω High-Frequency RF Flexible Cable Assembly, U.FL compatible plug to 500 cycles with HMHF1 termination



Ganged Micro-Scale RF System with performance to 6 GHz; full ganged, or ganged with industry standard End 2 options

GLOBAL MANUFACTURING & SUPPORT



FREE SAMPLES
IN 24 HOURS



2-DAY SHIPPING
TO ALL MAJOR MARKETS



3-DAY SHIPPING
OF MOST PRODUCTS



**#1 CONNECTOR
MANUFACTURER**
BISHOP & ASSOCIATES



samtec
SUDDEN SERVICE®