

Manufacturing & Test Capabilities

We've assembled the engineering and industry experts providing advanced manufacturing technologies for high-quality products, getting you to market on-time

	PCBA / CCA	System Integration ("Box Build")	Interconnect	Customer Support
Overview	<ul style="list-style-type: none"> Attachment of various electronic components onto a laminated printed circuit board. 	<ul style="list-style-type: none"> Assembly of multiple circuit boards and components into a completed subassembly or in the final enclosure. 	<ul style="list-style-type: none"> Manufacture of a wide variety of cable and harness products 	<ul style="list-style-type: none"> Diverse customer support capabilities
Capabilities	<ul style="list-style-type: none"> Extend from basic to complex, high density, mixed signal boards routing RF, analog, digital and power signals. Diverse surface mount (QFPs, uBGAs, CSPs, CCGAs, BGAs, PoP, CoB), high power through hole and solder (selective, wave and vapor) capabilities Expertise in various chemistries (aqueous cleaning, no-clean processing, IPC class 2 and 3, conformal coating and epoxy potting / encapsulation) Continuous, contiguous, automatic and cellular line configurations to handle a wide range of volumes and product mixes X-Ray, AOI / SPI, ICT, Flying Probe, Boundary Scan, Functional Test, HALT / HASS, ESS 	<ul style="list-style-type: none"> Assemble electronic and electromechanical systems Variety of enclosure types, including sheet metal, cast and plastic enclosures Variety of applications from wearable medical devices to diagnostic systems. Serving power control and power conversion, motion control, pneumatics, vacuum and hydraulics sub-systems applications Advanced capabilities to serve a range of complex applications, including RF, optics and LED Develop test systems and test components, PCBAs, boxes and cable assemblies to numerous ISO, industry and customer requirements 	<ul style="list-style-type: none"> Simple and multi-conductor wiring kits and cable assemblies Produce flat and ribbon cables, in addition to coaxial and RF cable assemblies Offer simple to complex harness assemblies 	<ul style="list-style-type: none"> Direct fulfillment and configure-to-order capabilities, ensuring flexible response times and world class customer support Global logistics support, aftermarket support, end user packaging and finished goods stocking programs Repair and refurbishment services, including logistics and reverse logistics Materials obsolescence management and Value Analysis / Value Engineering (VA/VE) to ensure viability of current programs and extend legacy programs' life cycle while minimizing component risk and cost



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