

## VALUE-ADDED PROCESSES

**Specifications** We work with customers to define exact product requirements, establish product cost targets, production plans and schedules.

**Technology Assessment** PPI-Time Zero assesses existing and emerging technologies for the product, including advanced manufacturing processes. Our concurrent design methodology and state-of-the-art development tools assure aggressive product schedules will be maintained.

**Product Design** Using engineering methodologies and automation tools, our products satisfy product specifications and unit cost targets.

**Manufacturing Test Strategy** Our comprehensive manufacturing test solutions are driven by early development of a test strategy. PPI-Time Zero has leading edge test systems to meet quality standards. We achieve high first pass yield through testing and extremely low defect ratios.

**Prototype** Our engineers use processes, procedures and specialized equipment for this important stage of each project. This value-added, cost-effective step in the development and manufacturing process ensures design specification conformance before manufacturing begins.

**Design Verification** Prototypes undergo rigorous testing for compliance to the spec, safety and regulatory standards. Our testing establishes goals for the transition into full-scale manufacturing and provides technical support during ramp-up and throughout the product life cycle.

**Procurement and Materials** Our industry specialists work with our strategic global supplier network to deliver competitive materials pricing and flexible sources of supply.

**Test and Pre-Production** Our test equipment is qualified to the test specifications and delivered to the manufacturing floor for pre-production. To verify the manufacturing process, test functionality and supply chain readiness, a limited number of units are built.

**Quality Systems** Information and quality systems at PPI-Time Zero are integrated into the manufacturing process to minimize product cost and maximize product quality. Our facility is registered to ISO 9002 1994.

**Volume Manufacturing** Our volume manufacturing cycle completes the design-to-manufacture process. PPI-Time Zero utilizes leading edge manufacturing equipment and technologies, sustaining engineering and continuous product improvement.

## PPI-TIME ZERO OFFERS VALUEADDED SERVICES

to customers who want to decrease time-tomarket development in the manufacture of products. Using the most advanced design automation technology, we implement electrical, mechanical and firmware designs to conform to product specifications. Our highly skilled resource pool works with customers to optimize a manufacturing strategy to meet quality, reliability, delivery and cost requirements.

To turn ideas into c ommercially successful products, PPI-Time Zero works with customers to ensure each project is completed with a high degree of precision, accuracy and innovation. Whether customers require through-hole, surface mount or burn-inboard technology, PPI-Time Zero is fully prepared and equipped to satisfy any requirement.



