



Prototyping & Pre-Production

Innovative. Integrated. Exceptional.

Production-Ready PCA/PCB Prototyping That Builds Lasting Confidence

BENCOR specializes in production-ready prototyping that doesn't just validate your concept, it sets you up for success across every stage of your product's lifecycle. Our experienced team in Texas delivers rapid PCB prototypes, quick-turn assemblies, thorough DFMA (Design for Manufacturability and Assembly) reviews, First Article Inspections (FAIs), and pilot runs with full documentation and transparency. We build prototypes that mirror production quality, so once your design is proven, there's no need to risk switching partners later—avoiding surprises, delays, and quality hassles.

Prototype Offerings:

We guide you from early concept validation to scalable production with a structured, risk-minimizing process:

- **Rapid Prototype Builds:** Quick-turn PCB fabrication (as fast as 1–5 days) and complete turnkey assembly in 3 weeks for functional, high-fidelity prototypes that test real-world performance.
- **Design Review & DFMA Analysis:** Expert manufacturability checks to catch issues early, optimize for cost/yield, and ensure your design is production-viable from the outset.
- **End-to-End Support:** Covering rigid/flex/rigid-flex/multilayer PCBs, SMT/through-hole/mixed assembly, testing (AOI, X-ray, functional), and integration—backed by ISO 9001:2015 and UL compliance.
- **Scalable Manufacturing Transition:** From pilot production runs to high-volume production using the exact same processes, materials, documentation, and quality standards—no surprises or requalification.

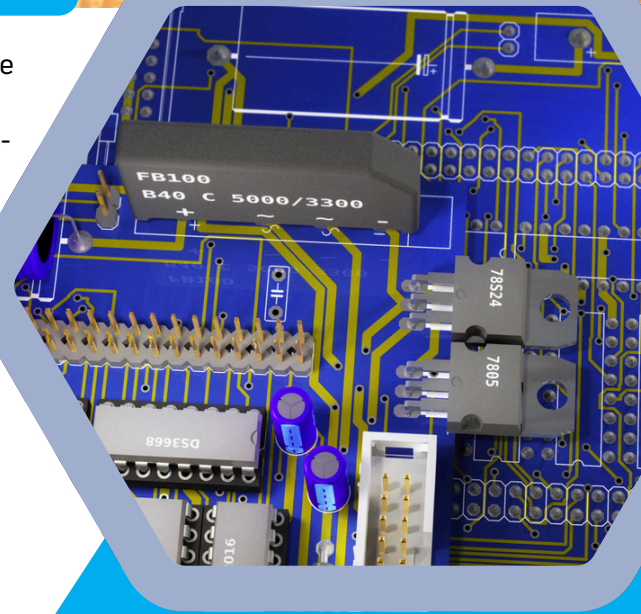
✓ Production-Ready Prototypes ✓ Complete DFMA
✓ Quick-Turn Prototyping ✓ Excellent Documentation

Elevate your electronics with precision PCB fabrication that delivers.



Call Deb Paino directly
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Why Choose BENCOR?

Customers who verify a working prototype with us rarely switch later—Why introduce new risks like inconsistent quality, undocumented changes, communication gaps, or extended lead times when we have proven reliability?

“Cheap” suppliers may undercut on initial price, but they often try to “lock you in” by not fully documenting tweaks or improvements made to “make it work,” leaving you vulnerable when scaling. We deliver production-grade prototypes with seamless documentation making us the smart choice.



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