Build on our experience.

Whether you need to match specific component capabilities or want to explore alternatives for implementing or improving your product designs, LCR Electronics combines the advantages of innovative thinking with documented reliability.

Our extensive line of quality off-the-shelf and custom EMI filters, electronic controls, capacitors, coils and chokes have proven their value throughout a diverse range of applications and markets:

- Household Appliances
- Power Tools
- Industrial Equipment
- Scientific Instruments
- Medical Equipment
- Automotive Controls
- Commercial Appliances
- Communication Equipment
- Military/Aerospace

The same knowledge and skill sets that are responsible for more than 18,000 existing designs give us the unique ability to "push the envelope" for your specialized needs.

LCR is your best single-source choice to:

- Develop an EMI solution.
- Retest the product.
- Issue a comprehensive test report (able for self-certification).
- Deliver a practical, economical prototype in days.
- Deliver custom products as quickly as four weeks.

Take your next project to the next level.

Involving our knowledgeable team as part of your initial product design does more than help satisfy your project’s basic requirements, it can also help you optimize costs by tapping into our expertise for:

- Component Selection
- Custom Component Modification
- EMC Training Seminars
- Custom Design Consulting

Don’t settle for stock answers when a more personalized approach can deliver greater value in your finished application. Take it to the next level by visiting www.lcr-inc.com or calling 1-800-LCR-4EMC (1-800-527-4362).

Three decades of experience with electromagnetic compatibility (EMC) standards provide the insight to satisfy compliance across a variety of commercial standards as well as military and aerospace requirements.

Your best connection for precise EMC compliance and electronic controls.

LCR Electronics designs, develops and manufactures EMI filters, electronic controls, motor controls, backplanes & subsystems and wire harness assemblies. All LCR products are designed and developed at the Norristown, PA facility. Commercial EMI filters and electronic and motor controls are manufactured at either LCR’s wholly-owned low-cost China facility or at the US facility.

Due to a policy of continuous improvement and quality assurance, specifications are subject to change without notice.

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Engineered product solutions for demanding commercial applications.

More than just a component source –

At LCR Electronics, our EMI and electronic control capabilities are designed to help your products deliver far more for much less. We are a uniquely integrated company for advanced design, engineering, manufacturing, testing, and technical support. By achieving the optimum balance of quality, performance, and cost-efficiency, we are focused on truly meeting your needs.

For almost 30 years LCR has earned our "can-do" reputation for designing and delivering results that exceed our customer’s expectations. We invite your critical evaluation of our ability to understand and address the specific requirements of your next product innovation with delivery on time, on target, and in budget.

Integrated to maximize reliability.

The benefits of working with our vertically-integrated organization holds value for both our contract manufacturing customers and those requiring custom production units.

Experienced design and engineering teams coordinate closely with in-house production and testing personnel at our 50,000 sq. ft. facility to offer:

- Prototype and Pilot Production Runs
- A Class-3 Clean Room
- Wave Soldering Equipment
- Certified Soldering
- Shielded EMI Test Enclosures
- CNC Machining, Fabrication and Metal Forming

LCR’s wholly owned RoHS compliant production facility near Shanghai, China provides a cost-effective solution for delivering high volume commercial products, as well as flexibility for build-to-print manufacturing for:

- PCB Assemblies
- Subsystem Contract Manufacturing
- Commercial EMC Products and Controls
- Wire Harness or Cable Assemblies

We maintain an extensive “second-source” database of fully-approved, exact-equivalent parts to ensure timely delivery of reliable, affordable, cost-effective products.

If it’s electrical, we can help you control it.

Visit our website or contact us directly to learn more about the full scope of our diverse products and customization capabilities. Some highlights are outlined below.

EMI Filters and Suppression Components

From cost-efficient, standard, off-the-shelf commercial products to custom military designs, every EMI filter benefits from LCR’s many years of experience:

- Single-phase and Three-phase Filters
- Appliance Filters
- Communication Line Filters
- Custom EMI Filter Design
- Washing Machine Filters

Our corresponding EMI control experience also yields a variety of top-quality suppression components and board level solutions:

- X & Y Suppression Capacitors
- Differential and Common Mode Coils
- High Frequency Chokes

Electronic & Motor Controls

LCR is able to provide solutions to your challenges in appliance, food service, power tool and other commercial applications by providing product features and process controls including:

- Temperature
- Liquid Level
- Power
- Pressure/Flow
- Lighting
- Cycle Time

Our expertise in PWM and phase cut motor drivers for commercial applications includes a broad range of motor types from sub-fractional to 2hp. Our products enable control in speed, torque, position, efficiency, power quality and safety.

- Brushless (BLDC)
- AC Induction (three-phase)
- Brush/Universal
- Shaded Pole
- Split Phase (PSC)
- Stepper

Subsystem Enclosures and Backplanes

In-house design and manufacturing provides single-source reliability for diverse military, aerospace, medical and high-end commercial applications – including cPCI, VME, VXI, VPIX, ATCA, MicroTCA and other architectures.

- Standard and Custom Enclosures
- Multi-layer Backplanes
- Wire Harness/Cable Assemblies
- Wire Wrap Backplanes

We maintain an extensive “second-source” database of fully-approved, exact-equivalent parts to ensure timely delivery of reliable, affordable, cost-effective products.

Engineering, Testing, and Manufacturing

Regardless of the application, you can harness 30+ years of experience in electronic design and production with LCR’s proficiencies in:

- Electronic Contract Manufacturing
- Wiring Assembly
- EMI Filter Design
- PCB Design
- EMC Testing
- Consulting Services