



CUSTOM DESIGNED
SOLUTIONS

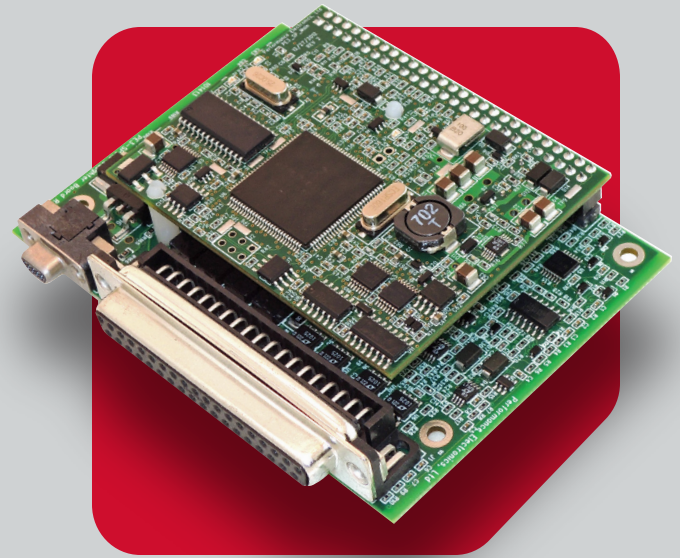
Performance Electronics has a successful history in designing, developing and manufacturing custom electronic solutions, throughout many different industries, for countless applications. Performance Electronics can help your company with a custom electronic or embedded system design.

Background

- Founded in 1999
- U.S. company based in Cincinnati, OH
- Customer base in North America and abroad

Areas of Experience

- Control theory
- Electronic design
- Data acquisition
- Harness design
- Signal processing
- Software development
- Mechanical design
- Mobile app development



Capabilities

- Custom electronic system designs based on customer specifications
- Full turn-key development from concept to final production
- Development of end-of-line test systems for electronic products
- Ongoing production, testing and maintenance for active products
- Production levels from ten to thousands per year
- Field and lab testing of existing products

Development Process

- Phase 1 ▪ Discovery and Planning
- Phase 2 ▪ System Design and Development
- Phase 3 ▪ Evaluation, Testing and Refinement
- Phase 4 ▪ Manufacturing Engineering and Initial Production
- Phase 5 ▪ On-Going Production and Design Maintenance

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Product Examples

- PROGRAMMABLE ENGINE CONTROL UNITS
- I/O MODULES
- WIRELESS DEVICES
- TOUCHSCREEN DISPLAYS
- AFR/WIDEBAND CONDITIONERS
- TRANSMISSION CONTROL UNITS
- FUEL PUMP CONTROL
- INDUSTRIAL CONTROLS
- POWER DISTRIBUTION MODULES
- HIGH CURRENT SOLENOID DRIVERS
- FAN CONTROLLERS
- AUXILIARY FUEL INJECTION
- IGNITION RETARD CONTROLLERS
- WATER METHANOL INJECTION
- NITROUS CONTROLLERS
- 2-STEP UNITS
- SUSPENSION CONTROL MODULES
- LAUNCH CONTROL
- TRACTION CONTROL
- DASH DISPLAYS AND GAUGES
- DATA ACQUISITION HARDWARE
- SENSOR CONDITIONING MODULES
- BOOST CONTROLLERS
- DATA LOGGERS
- VEHICLE DYNAMICS MODULES
- DIRECT INJECTION CONTROLLERS
- THERMOCOUPLE MODULES
- FAILSAFE/WARNING DEVICES
- EGT MEASUREMENT SYSTEMS
- 'SENT' BASED DEVICES
- KNOCK CONTROL
- BODY CONTROL MODULES
- DIFFERENTIAL CONTROL UNITS
- DC MOTOR CONTROLS
- MOBILE APPS
- WINDOW SWITCHES
- TPS SWITCHES
- CNG CONTROLLERS
- BLUETOOTH BASED CONTROL DEVICES
- BUMP STAGING DEVICE
- HYDRAULIC CONTROLS
- SOLID STATE RELAYS

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