

E-M Designs - EE Group

Located in South Orange County since 1975, E-M Designs - EE Group (Formerly Gerhard Engineering, Inc.) offers a full range of Engineering Services. We have the capability of working efficiently on small jobs as well as large R&D Projects. Please contact E-M Designs for more information.



Electrical Engineering Services

Product Design and Development
Research and Development
Breadboard / Prototype Construction
Engineering Assistance
In-Plant Troubleshooting

Licensed Professional Engineer (CA)
Feasibility Studies
Printed Circuit Layout
Production Support
Technical Expert for Legal Matters

Analog Circuits / Systems

- Medical Instruments
- Battery Systems / Chargers
- Solar Power
- Automotive Systems
- Data Acquisition
- Lighting Equipment / Ballasts
- Magnetic Design
- Power Supplies
- Li-FePo4, Li-ion, NiMH, SLA, NiCAD
- Telecommunication
- Emergency Vehicle Systems
- Transducer / Sensor Interface
- Laser Electronics
- Motor Control

Digital Circuits / Systems

- Microprocessor / Microcontroller
- Programmable Logic
- Digital Audio
- Computer Peripherals
- Firmware / Software
- Discrete Logic
- Data Communications
- Industrial Controls

Printed Circuit Layout

- Single Sided / Double Sided / Multilayer
- Impedance Control
- High Current / High Voltage
- Thru Hole / Surface Mount / Mixed
- High Frequency
- High Density

E-M Designs - EE Group

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