



**ELECTRONIC DESIGN ENGINEERING Inc.**

## **PROFILE**

### **The Company**

Electronic Design Engineering Inc. (EDEI) has the capability to provide system design, circuit design, printed circuit design, microprocessor software development, purchasing, assembly and final testing for a product.

### **Principal**

Barry S. Todd is president of EDEI. Mr. Todd brings to the company over 30 years of experience in many fields of electronics. His experience includes analog, digital and microprocessor circuit design, embedded microprocessor system design and microprocessor firmware and software including assembly language and C.

Mr. Todd holds a BSEE from University of California, Berkeley and a MSEE from University of Southern California. He has an extensive background with government projects and private industry. He has been a member of IEEE and the ISA since 1985 and is currently a senior member with both. Mr. Todd also holds two teaching credentials issued by the state of California.

Additional consultant experience includes:

- |  |   |                           |
|--|---|---------------------------|
| • Ink Jet printing                     | — | Laser platform positioner |
| • Flow solder machine control firmware | — | RS-232 Communications     |
| • Laboratory sample extractor          | — | Speech generation         |
| • Internal combustion engine controls  | — | Gas Chromatograph         |
| • Lift controls                        | — | Fruit sorting             |

### **Services Offered**

- Electronic system and circuit design
- Printed circuit design
- Technical support, Documentation
- Prototype and low volume production

### **Product Line**

- Remote Function Controls
- Machinery controls
- Accessories and support products

## Client List

Listed below are some of the companies EDE has served:

- Naval Ordnance Laboratory                      Application of computers to missile guidance
- Aerojet    Infrared imaging, FLIR signal processing
- Honeywell    Graphic display systems  
Shipboard sonar equipment testers
- Conrac    Early personal computer design
- Climatron    Distributed processing energy management,  
including data communications and  
controllers for air handlers and chillers
- Electro-Pneumatic                                    Railroad signaling
- Electrac    Flow measuring instruments
- Machine Automation Systems                    CNC controller for punch press
- Sunkist Growers                                        Control systems for fruit sorting machines
- US Navy    Remote control systems for bombing ranges
- Inca Corporation                                        Lift and elevator controls
- North American Pet                                    Animal habitat environmental control