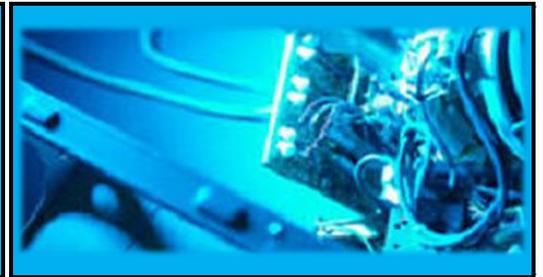


RDM-Apps Capability Statement

CageCode: 6H3S0 Duns Number: 010472730

When you need help with Existing or New Technology Design, Integration or Testing for applications requiring ACCURACY, HIGH RELIABILITY for EXTREME ENVIRONMENTAL CONDITIONS ... We are there. We offer expertise in Circuit and Product Design, Test Engineering and Data Integration. We offer standard or custom Precision Analog / Digital Electronic Application Modules. We have over 30 years experience in these and other Technologies.



DESIGN - INSTRUMENTATION LEVEL ELECTRONICS:

- ◆ Instrumentation level Electronic Amplifiers
- ◆ Precision Microvolt or custom general purpose Voltage Amplifiers & Measurements.
- ◆ Precision Current amplifiers, Current to Voltage converters, Transimpedance Amplifiers / Measurements. Amplifier precision / accuracy to low pico-amp level measurements.
- ◆ Precision Constant Current source/sink applications. For current output applications ranging from high current to pico-amp level requirements.
- ◆ Precision Industrial, Scientific Sensor/Detector preamplifiers, driver circuits or systems.
- ◆ Integrated Measurement Systems for precision high reliability applications.
- ◆ Precision Mixed signal circuits / modules
- ◆ High Durability Custom electronic application modules for extreme environmental conditions.
- ◆ Design support for existing circuits / systems.
- ◆ Complete technical documentation service and support.

NAICS Codes Selected:

- 334413 Semiconductor and Related Device Manufacturing
- 334419 Other Electronic Component Manufacturing
- 334510 Electro-medical and Electrotherapeutic Apparatus Manufacturing
- 334513 Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial process Variables
- 334515 Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
- 334516 Analytical Laboratory Instrument Manufacturing
- 334517 Irradiation Apparatus Manufacturing
- 335999 All Other Miscellaneous Electrical Equipment and Component Manufacturing
- 541511 Custom Computer Programming Services
- 541512 Computer Systems Design Services
- 541690 Other Scientific and Technical Consulting Services
- 811219 Other Electronic and Precision Equipment Repair and Maintenance

EMBEDDED DESIGN:

- ◆ Analog/Digital electronic circuits and products per custom specifications
- ◆ Printed Circuit board layout per design specifications
- ◆ Embedded Micro-Controller application design (8/16/32 bit based microcontroller, hardware, firmware, software).
- ◆ Re-engineering services to correct anomalies or to optimize existing designs.
- ◆ Complete technical documentation service and support.

TEST ENGINEERING - SOURCE / MEASUREMENT PROGRAMMABLE TEST SYSTEMS FOR ACTIVE OR PASSIVE ELECTRONIC COMPONENTS, MODULES, DIE AND WAFERS

... TEST APPLICATIONS:

- ◆ Analog Ultra-Low Current or Voltage measurements
- ◆ Low resistance measurements
- ◆ Noise Density measurements
- ◆ High Voltage & Power measurements
- ◆ Low Capacitance measurements
- ◆ RF and Fast Rise Time Device Switching and Recovery time measurements
- ◆ Systems Customized for flexible Low-Medium-High volume functional testing
- ◆ Automated parametric test technology - Test sequence list, Fast pass/fail binning/sorting
- ◆ Device Characterization

Contact Information

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Lakewood, CO 80214

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