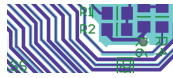


**SA ENGINEERING, Inc.**  
*Turning ideas into circuits since 1976*

2900 Fantasy Lane  
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 15 Hidden Lake Dr.  
 Reno, NV 89521  
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## CAPABILITY STATEMENT



### Core Competencies

- ◆ **Circuit Design**
  - Analog and digital
  - Microcontrollers
  - Power supplies
  - Wi-Fi
  - RFID
- ◆ Control systems including telemetry
- ◆ Printer Circuit Boards
  - Schematic & PCB layout
  - Prototype runs
  - Production runs
- ◆ Antennas
  - Repair and troubleshooting
  - Wi-Fi
  - RFID;
- ◆ Failure Analysis, repair & troubleshooting all types of electrical systems
- ◆ Sound systems
  - Speakers
  - Amplifiers
  - Media center/theater control systems
- ◆ Computer
  - Repair and troubleshooting
  - Provide custom computers
  - Networking
  - Custom Printed Circuit boards
- ◆ Programming
  - Firmware for microcontrollers
  - Provide custom computers
  - Networking



### Differentiators

- ◆ Quick turn prototypes - PCB layout, boards and assembly can be done in 2 weeks if needed.
- ◆ Experience counts - 36 years providing electrical engineering services
- ◆ Extensive experience in troubleshooting illusive power, antenna, and circuit problems.
- ◆ Hundreds of pieces of test equipment and tens of thousands of parts on premises
- ◆ Registered Professional Engineer with PhD



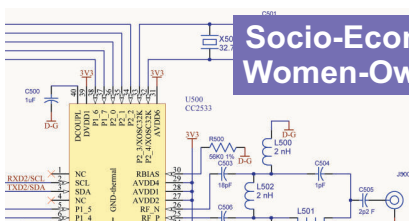
### Past Performance

- ◆ Recent clients include Cox Communications, Server Technology, Heliodyne and SeaChange.
- ◆ Our TV converter with headend controller were installed in over 80,000 hotel rooms.
- ◆ Telemetry system so reliable that in over 20 years it did not require a maintenance contract.



### NAICS Codes

- 334290 - Other Communications Equipment Manufacturing
- 334310 - Audio and Video Equipment Manufacturing
- 334512 - Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
- 334513 - Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
- 334519 - Other Measuring and Controlling Device Manufacturing
- 335999 - All Other Miscellaneous Electrical Equipment and Component Manufacturing
- 423620 - Electrical and Electronic Appliance, Television, and Radio Set Merchant Wholesalers
- 517919 - All Other Telecommunications
- 541330 - Engineering Services
- 541511 - Custom Computer Programming Services
- 541512 - Computer Systems Design Services
- 541712 - Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)



**Socio-Economical Certification  
 Women-Owned Small Business**

CAGE Code: 53S82  
 DUNS: 092498104

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