

SUMMARY

Field Applications Engineer with more than 15 years experience working for major semiconductor manufacturers. Able to present and support high-technology products within the design engineering community without losing sight of sales priorities. Excellent written and verbal communication skills backed up by significant analog and digital design experience.

AREAS OF TECHNICAL EXPERTISE

- ▶ Communications - radio, wire-line and fiber-optic
 - RF/Microwave ICs and discrete products
 - Wireless system architecture
- ▶ ASIC and Application Specific Standard Products
 - Embedded RISC processors
 - MODEMS and CODECS
- ▶ Microprocessor and microcontroller based system design
- ▶ Analog and digital audio system design
- ▶ Technical writing

EMPLOYMENT HISTORY

Toshiba America Electronic Components, Edison, NJ
Staff MTS - (Field Applications)

1993 – 2003

Provided applications support for Toshiba's sales efforts in the Mid-Atlantic region. Major accounts included: Lucent Technologies, Symbol Technologies, Hughes Network Systems, and Motorola Broadband.

- ▶ Memory, CISC and RISC Microprocessors, ASIC, and Discrete Products
- ▶ Optical Communications Devices; ATM, ADSL, and Set-Top-Box chipsets
- ▶ Liquid Crystal Displays, Linear and Area CCD sensors, CMOS Camera
- ▶ RF and Microwave products

Integrated Circuit Systems, Valley Forge, Pa.
Product Marketing Engineer

1991 - 1992

Performed technical marketing functions for multimedia audio products.

- ▶ Market analysis and product evaluation
- ▶ Preparation of data sheets and promotional materials
- ▶ Pre- and post-sale customer support.

Oki Semiconductor, Horsham Pa.
Field Applications Engineer

1982 - 1990

Provided technical support to the field sales force. Conducted sales representative training sessions, customer product presentations and sales seminars. Authored application notes for Oki products. Corrected design flaws in digital-voice development system. Also did double duty as *de facto* Regional Sales Manager for most of 1990.

- Memory, microprocessors, 4-bit and 8-bit microcontrollers
- Voice products, digital signal processors, gallium-arsenide integrated circuits
- Displays and drivers

ADDITIONAL PROFESSIONAL EXPERIENCE

Microprocessor Field Applications

Provided high-level technical support to the field sales force for the Mid-Atlantic Region. Products included 8-bit and 16-bit microprocessor families, single chip microcomputers, OEM board line, OEM computer systems, and microprocessor development systems. Gained familiarity with the UNIX operating system and the C programming language.

Business Computer Systems Development

Member of the Project Acorn design team, a pioneering effort in the area of microprocessor-based small-business computers. Gained wide experience in state-of-the-art digital electronics: Designed I/O controllers for printers. Circuit design and assembly language programming experience with 8080 and Z-80 microprocessors. Developed advanced microprocessor-based multi-protocol communication controller for the BC-7 small business computer.

Audio Design

Electrical and mechanical design of professional audio equipment for recording studios. Extensive experience in the design of high-performance audio circuits utilizing monolithic operational amplifiers. Secondary duties included preparation of instruction manuals and advertising materials, circuit-card design, sheet-metal design and tooling, supervision of production personnel, and customer interface.

MILITARY SERVICE

U.S. Army Signal Corps

Honor graduate from 23-week Strategic Microwave Systems Repair School. Performed depot-level maintenance for digital communications equipment (Autodin). Honor graduate from 4-week Transistorized Equipment Maintenance School. Served as technical training coordinator for 361st Signal Battalion. Honorably discharged.

EDUCATION

Drexel Institute of Technology
Electrical engineering