

PCB Design
Library Development
EDA System Management

RALPH W. SCHMEHL

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General Experience: Over twenty years in the design and development of packaging for electronic equipment in the telecommunications, medical, scientific and instrumentation markets.

Experience: **VICE PRESIDENT**
FISHCAMP ENGINEERING • Orcutt, CA 1998 to Present

Design of complex, high speed, analog, digital, and mixed mode PCBs in a design services company. EDA tools from Cadence Design Systems, Mentor Graphics, Innoveda, and Or-Cad are used in the completion of product designs for wireless telecom, wireless broadband, optical networking, internet infrastructure and infrared imaging customers.

MEMBER OF THE TECHNICAL STAFF
ARK TELECOM • Santa Maria, CA 1993 to 1998

Project manager for the packaging of the Satellite Communications Terminals and Interface Modules. Responsible for the coordination of the requirements of electronic, mechanical, compliance, manufacturing and industrial engineering in the design of a product package which has received recognition by the international design community.

Design of large, complex, high speed, SMT and mixed technology PCBs and the production of related documentation using Viewlogic, Cadence Allegro and Cooper and Chan EDA products.

MANAGER, EDA SYSTEMS
COMMERCIAL TELECOMMUNICATIONS • Santa Maria, CA 1979 to 1993

Responsible for the management of the EDA system including library development, schematic capture, FPGA development, simulation and PCB design in a Cadence Design System environment.

Supervision of PCB and electro-mechanical designers in the development of ground based satellite communications equipment.

Establish standards and requirements for PWB and mechanical part fabrication and interface with vendors.

Other: Five years of electro-mechanical design and checking at Beckman Instruments, Anaheim; Gultan Industries, Albuquerque; Rohé Scientific, Santa Ana; Schiff Photo Mechanics, Costa Mesa; and Texas Instruments and Emhiser Research, Ridgecrest.

Education: **NORTHERN ARIZONA UNIVERSITY** 3 YEARS
FLAGSTAFF, ARIZONA

Various technical and business courses (list available)

MADRID AMERICAN HIGH SCHOOL
MADRID, SPAIN

Graduated