

Enrico Negrini Lia

Objective

RF circuit design engineer

Professional Experience

- 2003 – Ongoing Sinergy ME , São Paulo – SP, Brazil
OEM Business , Wireless Systems
- OEM business development for worldwide industry
 - Introduction of new projects together with Kathrein Werke KG
 - Development of electronic airborne communication systems
 - Contract with Olympus Indl. Coml. Ltda - Brazil to develop products for worldwide automotive industry
 - Proposal of subcircuit development for new CBERS brazilian satellites
 - Developing electronic circuits for Italian Industry
- 2001 – 2003 Huber+Suhner America Latina, São José dos Campos, SP, Brazil
Systems Engineer, Mobile Communication Systems
- Development of corporative projects (TIM/Claro/Oi/Vivo operators)
 - Introduction of new bi-directional amplifiers for GSM/CDMA amps
 - Solutions on antennas, bi-directional amplifiers and systems
 - Wireless Project (site plan, site survey, project deployment)
- 1999 – 2001 Linear Equipamentos Eletrônicos, Sta Rita do Sapucaí, MG, Brazil
RF Design for TV Broadcast & Microwave Products
- Development of microwave point-to-point radios, TV broadcast
 - Layout and Assembly with SMD technology
 - CAD/CAE circuit simulation design
 - FCC equipment homologation for license and approval
- 1989 – 1993 Distribuidora Andrade, Araraquara, SP, Brazil
Sales Attendent
- Responsible for printed material and publications
 - Responsible for the subsidiary units

Synthesis of Qualifications

International experience, traveling frequent to Germany and +3 months duration on RF Circuit Design training at Kathrein Werk KG, Rosenheim – Germany focusing on low noise (HEMPT) transistors, ADS Agilent software, FEKO software – Method of Moments.

Managed and worked on projects with European partnership like Kathrein Werke KG – Germany and customers Skoda Auto – Czech Republic, Delphi – China, Volkswagen AG – Germany, Meggitt PLC – USA, among others.

International experience with formerly MRS GmbH (Mobile Radio System), Bad Salzdetfurth, Germany for product development to UMTS, GSM 900 & 1800, CDMA 1xRTT

/ EvDo, TDMA and PCS base station equipments such low noise amplifiers, repeaters (bi-directional amplifiers), and remote supervision systems, worked with Dr. Frank Henze – Huber Suhner USA.

Solid background with RF circuit design with high-frequency amplifiers, PLL and oscillators, filter and passive structures, CAE (Computer Aided Design) tools for non-linear and s-parameters simulations, matching impedance and load-pull analysis. Also FMEA, QFD, PPAP training courses.

Languages

English, Spanish, Portuguese, Romanian and Italian fluently
French / German basic

Education

2002 ITA – INSTITUTO TECNOLÓGICO DE AERONÁUTICA, São José dos Campos, SP
MsEE – attended disciplines of Master Degree – Electronic Engineering

2001 INATEL – INSTITUTO NACIONAL DE TELECOMUNICAÇÕES, Santa Rita do Sapucaí, MG
BsEE – Electric Engineering (Emphasis in Telecom)

Complementary Informations

- Team work ability
- Commitment with company objectives
- Good relationship with all hierarchic levels
- Available to transfer residence immediately

References

- Available on request