



ERKAN İKINCI

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PROFESSIONAL SUMMARY

RF Design Hardware Engineer professional with 5+ years of experience across 1-8000 MHz Antenna Distribution Unit /Directional Finding Antenna Switching Unit , technical support, and test case development. A strong team player with excellent communication and interpersonal skills.

EXPERIENCE

SENIOR RF HARDWARE DESIGN ENGINEER, 01/2017 - Current

Tron Electronic, Istanbul, Turkey

- Experience in Defense Electronics,
- Experience 1-8000MHz Directional Finding Antenna Switching Unit
- Experience DC-DC Converter (Buck Converter),
- Experience Microcontrollers (PIC18F97J60) ,
- Experience in MIL-STD461F and MIL-STD 810G PCB Design,
- Simulation tools such as ADS, AWR, Ansoft Design, and LT Spice etc.
- Experience RF PCB design (HF ,VHF ,UHF ,SHF ((1-8000MHz)),
- Experience Network Analyzer, Oscilloscope, Spectrum Analyzer, Multimeter etc.
- Experience selected RF components (LNA , Filter , Power Divider ,RF MMIC, Bias tee, etc.) ,
- Experience in PCB schematic and layout design,
- Experience in PCB design tools such as Altium Designer,
- Experience with EMI/RFI protection and mitigation for EMC,
- Experience RF parameters ; NF, GAIN, IP2, IP3, Harmonics ,VSWR, Isolation etc.

EDUCATION

Gebze Technical University, Kocaeli, 2015

Electronics Engineering

GPA: 2,65/4

Gebze Technical University, Kocaeli, 2012

Physics Departmen

GPA 3.51/4 From Physics Department to Electronic Engineering

CERTIFICATIONS

-Certificate Name:Basic Electrical-Electronics Education Certificate

Certificate Date:06.2014

Certificate Institution:Gebze Technical University /Automation and Robotics Club

-Certificate Name:Microprocessor

Certificate Date:06.2014

REFERENCES

- Osman Oztürk / Gebze Technical University / Professor Doctor / +90 5332177807 / osmanozturk@gtu.edu.tr
- Sibel Tokdemir / Gebze Technical University / Academician Doctor / +90 5327380161 / sozturk@gtu.edu.tr
- Onur Akgül / Arçelik / Quality Engineer / +90 5355793085 / onur.akgul@arcelik.com.tr
- Pınar Oğuz Ekim / Nanyang Technology University , Singapore /Academician Doctor - poguzekim@ntu.edu.sg

ADDITIONAL INFORMATION

- Total experience : 5Year/5 mounth
- Employment status : Working
- Educational Status : University degree
- Military Status : Completed (14.09.2016)
- Date of Birth : 26.06.1990
- Place of birth : Turkey - Istanbul(Asia)
- Driver's license : B (2014)