

Jacky Chen

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Name	Wei-Ting Chen
Date of Birth	1995/09/06
Marriage Status	Single
Language Skills	Excellent English
Education	National Ilan University M.S., Department of Electronic Engineering 2018/09~2021/07 B.S., Department of Electronic Engineering 2014/09~2018/06
Certificate	Python 、 ADS 、 SPICE 、 Spectre RF Advance Microcontroller Application OrCAD 、 Cadence Allegro

Appraisal

- Experience as an RF and antenna R&D engineer (networking system)
 - Responsible for high frequency circuit design, board layout and project execution.
 - Responsible for product specification testing, debugging, trial production and regulatory certification.
 - Responsible for impedance matching, noise isolation and performance optimization.
 - Integrate and test wireless communication modules.
- **Familiar with WLAN/GPS circuit verification experience**
 - Tx(EVM 、 CFO 、 Spectral mask margin) and Rx(Sensitivity) testing.
 - Conducted & OTA Throughput testing.
 - For GPS, the tests include C/N ratio, TTFF for cold start, hot start and hot start sensitivity, tracking time and acquisition time.
- RF/Analog IC design & verification experience
 - The master's program focuses on RF and analog integrated circuit design, including circuit characterization, circuit layout, and measurement.
 - The RF circuit simulation (LNA, Mixer, and PA) takes into account impedance matching, noise isolation, linearity, and other performance optimizations, and operates at low voltages.
 - In addition to RF circuits, I have also worked on power management system circuits (PMIC) and temperature sensors.

- The design of the temperature sensor must consider the range that the subsequent ADC can detect, and the power management system circuit needs low current and low input and output voltage difference for the application environment.
- Participated in the ICRAET conference in Tokyo, Japan
 - The main purpose is to submit a conference paper on the intelligent power manager with energy harvesting for internet of things applications.
 - I have developed effective communication, teamwork, independent thinking and problem solving skills.

Work Experience

2022/02~2022/06

PEGATRON Corporation Technology

RF and antenna R&D engineer

Responsibility

- Networking project : Netgear M6
- Job description : Responsible for Netgear M6 project, including researching market trends and conducting customer testing requirements.
- After the project is launched, observe user feedback and data, and continue to operate the product for next generation product planning.

2018/09~2019/12

National Ilan University

Teaching Assistant

Responsibility

- Assist students in the classroom to troubleshoot circuitry and IC design problems.
- Assist professors with classroom duties.
- Assist the professor in maintaining the equipment used in the classroom.

