

Electronic Engineer

VMR Products, LLC – Miami, FL

SUMMARY

Rapidly Growing consumer electronics retailer in the Miami Area is looking to hire an Electronic Engineer to perform a variety of professional electronics and communications engineering duties in the preparation of engineering drawings, plans and specifications. The candidate will work in a fast-paced, dynamic product development team to create and support the state of art electronic cigarettes and peripheral products.

PRIMARY RESPONSIBILITIES

- Support existing products on quality control (finding out root causes of failures, foresee and prevent defected products going into the market)
- Draft and test SOP for QC process for new incoming products
- Work with team (industrial designers, mechanical and electronic engineers) to bring out a working prototype from a conceptual design
- Work with team and manufacturers to tune the prototype into a final product; Create BOMs on electronic parts including PCB, ICs and battery cells
- Actively research the market and new technologies to upgrade existing products and advance future products
- Inspects electronic equipment to ensure compliance with specification or safety codes.
- Provides technical support or training to staff or customers regarding electronic equipment.
- Designs electronic components, software, and other electronic products or systems.
- Prepares documentation and other information for electronic equipment.

REQUIREMENTS

The candidate should have the following skills in order to be successful in this role:

- Experience with circuit schematic capture and PCB layout
- Experience with microcontroller programming; experience with 8-bit such as PIC and 32-bit such as STM32 will be a plus
- Experience with C programming, including board-level debugging and testing
- Proficient with PCB board patch, de-soldering and soldering Knowledge of Li battery cell characteristics; experience of designing charging and discharging circuit for Li battery will be a plus
- Knowledge of DC-DC buck-boost circuit
- Be able to read the datasheet and do functional module design

- Experience with electronic test equipment such as oscilloscope, DMM, and DC power supply, etc
- Good communication skills, positive personality, ability to use Office to create summary, teardown report etc.
- Strong ability to work on multiple projects simultaneously while maintaining absolute organization and prioritization under extreme pressure
- Speak Mandarin is a plus
- Candidate might be require to travel, both domestic and overseas

Job Type: Full-time

Required education:

- Bachelor's

Required experience:

- Electronic engineer: 2 years