



1 in 4 people do not have access to electricity

*We are an equal employment opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability status, protected veteran status or any other characteristic protected by law.*

## **JOB DESCRIPTION: Senior Embedded Systems Firmware Engineer**

**Job Location:** Shenzhen, China

**Reporting to:** Advance development Leader

**Business Travel Needs:** Requires up to **10%** of time.

### **Position Objective**

We're conceiving and designing "what's next" in our industry and you'll be working in a startup kind of environment with a small team of skilled engineers creating a big impact in our business.

In this role, the Senior Embedded Systems Firmware Engineer will work within the entire product process for embedded systems firmware, and intensively collaborate with multiple teams and groups globally including Product testing and Production teams, etc.

### **Major Responsibilities**

1. Design, implement, debug, document, test, and maintain real-time embedded systems firmware;
2. Firmware architecture design and contribute to products innovation;
3. Develop requirements and test protocols for products;
4. Work with external teams and support of in-house and external product testing and production; from idea creation to the mass production stages.

### **Qualifications**

1. 10+ years of hands-on firmware development experience from an architecture perspective;
2. Strong experience with embedded C, other high level and scripting languages appreciated ;
3. Comfortable working at a hardware level with digital and analog electronics ;



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4. Familiar with signal conditioning (digital filters, control loops) ;
5. Knowledge of Real Time Operating Systems, FreeRTOS is a plus ;
6. Strong communication skills, respect and willing to collaborate with people with multicultural background;
7. Minimum of Bachelors Degree in Computer Science, Electrical or Electronic Engineering.

## Compensation

Very competitive compensation and benefits package.

## About d.light

d.light is a global leader and pioneer in delivering affordable solar-powered solutions designed for the two billion people in the developing world without access to reliable energy. d.light provides distributed solar energy solutions for households and small businesses that are transforming the way people all over the world use and pay for energy. Through four hubs in Africa, China, South Asia and the United States, d.light has sold over 20 million solar light and power products in 65 countries, improving the lives of over **91 million people**. d.light is dedicated to providing the most reliable, affordable and accessible solar lighting and power systems for the developing world and reaching 100 million people by 2020.

To learn more, please visit [www.dlight.com](http://www.dlight.com)

