

# 6 Sigma Technology

@Silicon Valley + HK

Contact: [ct@6sigmasemi.com](mailto:ct@6sigmasemi.com)

---

## Entry Level Analog IC Engineer

### JOB DESCRIPTION

---

#### Company Description:

6 Sigma Technology is an up-and-coming semiconductor IC design startup founded by experienced engineers from Silicon Valley and US top schools. 6 Sigma Technology's innovative proprietary technologies enable new generation power management products with the best performance in the industry.

In order to cope with our rapid expansion, we are seeking enthusiastic engineers to further enhance our IP to reinforce our position in semiconductor industry.

#### *Why would you join our team?*

Semiconductor will continue to be a very important industry for the years to come. By joining our team, you will be able to maximize your semiconductor knowledge, as well as a chance to learn about the cutting-edge technology from our world-class engineering founding team. Last but not the least, you will be a very early member of a startup that has huge potential to disrupt the entire semiconductor industry!

#### Job Description Summary:

In this position you will contribute to the development of advanced power management integrate circuit products. You will join a highly collaborative team and develop your power management integrate circuit design and testing skills. Your success will have a significant impact on our products.

Candidate should have an interest in all the "Key Qualifications" listed, and significant know-how in some of them.

#### Key Qualifications:

- Digital and analog circuit layout, design, implementation, verification, testing, and characterization
- Strong understanding of electrical design fundamentals

- Knowledge of power management circuit and architecture
- Knowledge of IC fabrication processes and device physics
- Use of transistor level simulation tools such as SPICE
- Experience of schematic and layout editors
- Understanding of high-level languages such as Verilog
- Some general-purpose programming experience, e.g. Python and C
- Ability to operate lab equipment like oscilloscope, power supply, and digital multi-meter
- Layout drawing, designing, supervision, and post-layout analysis
- Experience using linux operation system
- BS required / MS or above preferred in electrical engineering or related field

**Location:**

- Hong Kong