



Technology & Cost Analyst – Power Electronics

| NANTES / LYON (FR)

System Plus Consulting is a French company specialized in Reverse Costing, performing manufacturing cost analysis from physical analysis of electronics components, strategic consulting to a worldwide customer base. Covering emerging and disruptive silicon and micro manufacturing markets, the group supports companies, and R&D organizations by delivering comprehensive analysis that helps them understand the technology and cost trends critical to their business.

System Plus Consulting is part of Yole Group of companies with offices in France, Germany, Japan, Greater China, Korea and the U.S.A.

JOB DESCRIPTION

As part of our activities development, we are currently recruiting an experienced **Technology and Cost Analyst** specialized in **Power semiconductor devices** for a position located in our offices in Nantes or Lyon (France).

You will perform technology, cost, and strategic analysis on **new or improved technologies (MOSFETs, Diodes, HEMT, IGBT) on different materials (Silicon, SiC, GaN...)** for different markets (automotive, industrial, energy, telecommunications...)

Within the Semiconductors Devices Department, you will work in close collaboration with the physical analysis laboratory as well as take part in projects with other analysts. Moreover, you will interact with external laboratories to drive specific analysis.

RESPONSABILITES

As an **Analyst**, you will be responsible to:

- Manage internal and external laboratory analysts and define analysis strategy
- Study and describe manufacturing processes thanks to structural and physical analyses
- Understanding the impact of the manufacturing process flow to calculate cost of production
- Understanding and updating technical information on manufacturing processes and cost through survey, interviews and publication research
- Produce reports within a given timeframe

You will also contribute to the development of the Power Electronics activity by:

- Overseeing technology and industry insights
- Support the management in strategical decisions
- Participating in dedicated trade shows and conferences worldwide.
- Maintaining and enriching internal databases (manufacturing processes and materials, substrates, equipment costs ...)

EDUCATION / EXPERIENCE

- University Degree (Master, Engineer, PhD) in a semiconductor - related field is mandatory
- A first experience (2-3 years) in semiconductor industry on Power devices (design, manufacturing...)
- Experience in power semiconductor wafer fab will be a real plus
- Deep interest in innovation, economics and cost related subjects
- Communication and presentation skills
- Team player and organizational skills
- Excellent English is mandatory. Proficiency in French is a plus

Merci d'adresser un CV et une lettre de motivation à recruiting@systemplus.fr

