



Layout Design Engineer (f/m/div)*

Job description

Do you want to be responsible for the physical design of ICs and the optimization of layouts? If you are able to cooperate with international and cross-functional integrated project teams, this is for you! Apply now to become a Layout Design Engineer at Infineon France.

As Layout Design Engineer, you will work closely with IC Design Engineering in order to complete the Physical Design of integrated circuits (ICs) and optimize the layouts to ensure optimal performance.

In your new role you will:

- Design the **physical layout**, respecting rules (DRC/LVS/ERC/DfM), **of high-current analog and mixed-signal ICs**;
- **Troubleshoot layout design issues** and applying proactive intervention;
- Work closely with IC Design Engineers to **ensure proper circuit performance**;
- Document and conduct **Layout Reviews**;
- Understand **device matching and signal protection/shielding techniques**;
- Understand **parasitic associated to your layout** so you can act accordingly.

Profile

You are personally committed to the customer's concerns and award them a high priority. Therefore, you cooperate across boundaries and appreciate the contributions of colleagues in order to achieve the best results. You take the initiative and work in a structured and focused manner, closely collaborating with international and cross-functional integrated project teams.

You are best equipped for this job if you have:

- A **Bachelor Degree in Electronic Engineering** or similar field of studies;
- At least 3 years of **experience as an Analog Layout Engineer**;
- **Knowledge in layout techniques** such as common centroid, matching, isolation, shielding, and the use of dummy devices;
- Knowledge in **cross-section and semiconductor parasitic elements**;
- Experience with **CAD tools and environments** such as Virtuoso, Calibre, Linux;
- **Fluency in English and French**.

At a glance

Location:	Provence (Le Puy ste Réparate) (France)
Job ID:	328695
Start date:	immediately
Entry level:	3-5 years
Type:	Full time
Contract:	Permanent

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Contact

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