

Institute of Microelectronics of Barcelona IMB-CNM (CSIC)

## IC tester

The IMB-CNM is the largest institute in Spain dedicated to the research and development of Micro and Nano Technology and microsystems and with unique capabilities in silicon technology. It belongs to CSIC since its foundation in 1985 and is distinguished with the AEI María de Maeztu Unit of Excellence accreditation.

The main activities of IMB-CNM are basic and applied research and development, education and training in micro and nanotechnologies, components and systems. Its mission is to improve knowledge and contribute to the implementation of solutions based on these technologies in new products to solve societal challenges.

The work consists on designing a testbench for an integrated circuit and performing the tests to measure the characteristics of the circuits inside the IC. The candidate is expected to work independently with help from the IC designers for the specifications of the desired tests.

### Key Responsibilities

- Design lab experiments to test different circuits on an IC.
- Design a PCB and implement the testbenches.
- Perform the tests and analyze the results.

### Required skills

- Preferable PCB Design
- Knowledge of electronics
- Microcontroller programming experience

### Experience

- Preferable microelectronic design subject

### Job conditions

- TFG or work placement internship
- Flexible hours

### How to apply

Applications should be submitted to [rrhh@imb-cnm.csic.es](mailto:rrhh@imb-cnm.csic.es) and [roger.sole@csic.es](mailto:roger.sole@csic.es) stating the job title as the Subject of the message. The mail should include a cover letter and an updated CV.

Sending CVs to the above address implies consent to the Legal Advice | IMB CNM (csic.es).

This offer can be found on: <https://www.imb-cnm.csic.es/en/about-center/careers/open-positions>.



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More information on IMB-CNM: <https://www.imb-cnm.csic.es/en/>