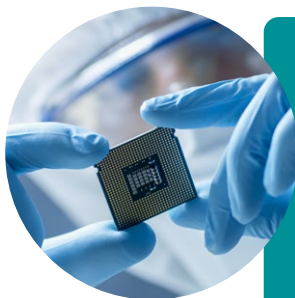


SEMICONDUCTOR / ENGINEERING

Ireland is well-positioned to take advantage of the global semiconductor boom, which drives innovation across sectors like AI, cloud computing, electric vehicles and aerospace.



With a long history in semiconductor manufacturing and R&D, Ireland has become a key player in Europe's push to increase chip production. However, to maintain and expand this role, strategic investment in talent, infrastructure and initiatives is essential.

Foundation in Place

The Irish semiconductor industry, generating €15.5bn in 2023 and employing around 20,000 people, is a major part of Europe's semiconductor ecosystem. Since the establishment of Analog Devices in 1976 and Intel's Kildare hub in 1989, Ireland has built a strong foundation. Today, over 130 companies form a dynamic industry supported by government initiatives, including investments in wafer fabrication and a National Semiconductor Strategy.

With the global semiconductor shortage and supply chain disruptions highlighting the need for resilience, Ireland has a unique opportunity to meet Europe's ambitious chip production goals. However, to fully realise this potential, addressing the critical skills gap is vital.

Emerging Trends

- **Microelectronics & Process Engineering** – Chip design and optimisation.
- **R&D & Product Development** – Next-gen technologies like AI chips and quantum computing.
- **Software & Firmware Development** – Performance optimisation through software.
- **AI & Data Analytics** – Leveraging AI to improve chip design.
- **Quality Control & Testing** – Ensuring chip performance.
- **Supply Chain & Logistics**: Managing semiconductor supply chains.
- **Materials Science** – Advancing semiconductor materials.
- **Automation & Robotics** – Streamlining manufacturing with robotics.



The Year Ahead

Ireland must foster collaboration between universities and industry, expand vocational training and offer cross-sector opportunities. Government support for R&D, industry-university partnerships and education initiatives is crucial to building a sustainable talent pipeline.

Ireland's future success in the semiconductor sector depends on cultivating a skilled workforce to meet industry demands. With continued investment in talent, Ireland can solidify and expand its position as a leader in semiconductor production, contributing to Europe's growing chip market.

Damien Owens

Chartered Engineer,
FIEI, EUR ING,
Engineers Ireland
Director General



“The engineering sector remains a driving force of innovation, while demonstrating continued growth and resilience the majority of engineering employers plan to hire more engineering staff.

Public perception of engineering is also positive, as many people believe that engineering offers a positive career path for young individuals, featuring interesting work, abundant job opportunities, and good financial rewards.

However, to meet our country's future needs, the number of students studying STEM subjects and pursuing third-level engineering and technology degrees needs to significantly increase, while alternative pathways into the profession, like apprenticeships, require further promotion.”

Semiconductor

Job Title	Dublin	South	South East	Midlands	Midwest	West	North West	North East
Semiconductor	€	€	€	€	€	€	€	€
Engineering Manager	95k-115k	90k-110k	85k-110k	75k-95k	90k-110k	85k-100k	80k-100k	80k-100k
Equipment Engineer	55k-65k	50k-65k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	35k-50k
Equipment Technician	45k-55k	40k-55k	38k-47k	35k-45k	35k-48k	38k-48k	38k-48k	38k-45k
Electronic Design Engineer	50k-65k	50k-60k	45k-60k	40k-60k	45k-55k	45k-55k	45k-50k	40k-55k
Electronic Engineer	50k-65k	45k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	35k-50k
Analog Design Engineer	50k-65k	45k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
Microelectronics Engineer	55k-65k	50k-60k	45k-60k	40k-60k	45k-55k	45k-55k	45k-50k	40k-55k
Product Test Engineer	50k-65k	45k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
Materials Engineer	50k-65k	50k-60k	45k-60k	40k-60k	45k-55k	45k-55k	45k-50k	40k-55k
Reliability Engineer	55k-65k	50k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
Verification Engineer	50k-65k	45k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
RF Test Engineer	50k-65k	45k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
Qualification Engineer	50k-65k	45k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
Digital Design Engineer	55k-65k	50k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k

Engineering

Job Title	Dublin	South	South East	Midlands	Midwest	West	North West	North East
Engineering	€	€	€	€	€	€	€	€
Facilities Manager	75k-90k	70k-80k	70k-80k	70k-80k	70k-80k	70k-80k	70k-80k	70k-80k
Maintenance Manager	75k-90k	70k-80k	70k-80k	70k-80k	70k-80k	70k-80k	70k-80k	70k-80k
Engineering Team Leader	65k-75k	60k-70k	60k-70k	60k-70k	60k-70k	60k-70k	60k-70k	60k-70k
Field Service Engineer	50k-65k	50k-65k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
Design Assurance Engineer	50k-65k	50k-65k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
CSV Engineer	50k-65k	50k-65k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	40k-50k
CQV Engineer	45k-55k	40k-50k	40k-50k	40k-50k	40k-50k	40k-50k	40k-50k	40k-50k
Electronic/Electrical Engineer	50k-65k	45k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	35k-50k
Mechanical Engineer	50k-65k	50k-60k	45k-60k	40k-60k	45k-55k	45k-50k	45k-50k	35k-50k
Mechanical Technician	45k-52k	40k-48k	35k-45k	35k-40k	35k-45k	35k-45k	35k-40k	34k-38k
Field Service Technician	45k-52k	40k-48k	35k-45k	35k-40k	35k-45k	35k-45k	35k-40k	34k-38k
Electrical Technician	45k-52k	40k-48k	35k-45k	35k-40k	35k-45k	35k-45k	35k-40k	34k-38k
Maintenance Technician	45k-52k	40k-48k	35k-45k	35k-40k	35k-45k	35k-45k	35k-40k	34k-38k
CAD Design Technician	45k-55k	40k-50k	40k-50k	40k-50k	40k-50k	40k-50k	40k-50k	40k-50k
CNC Programmer	45k-55k	40k-50k	40k-50k	40k-50k	40k-50k	40k-50k	35k-45k	40k-50k



Established in 1990, Collins McNicholas Recruitment & HR Services Group is a respected Irish firm dedicated to talent acquisition across diverse sectors for its client companies.

Our mission is to consistently deliver a world-class customer experience to our clients and candidates by providing innovative people solutions.

Find out more about Collins McNicholas:

www.collinsmcnicholas.ie