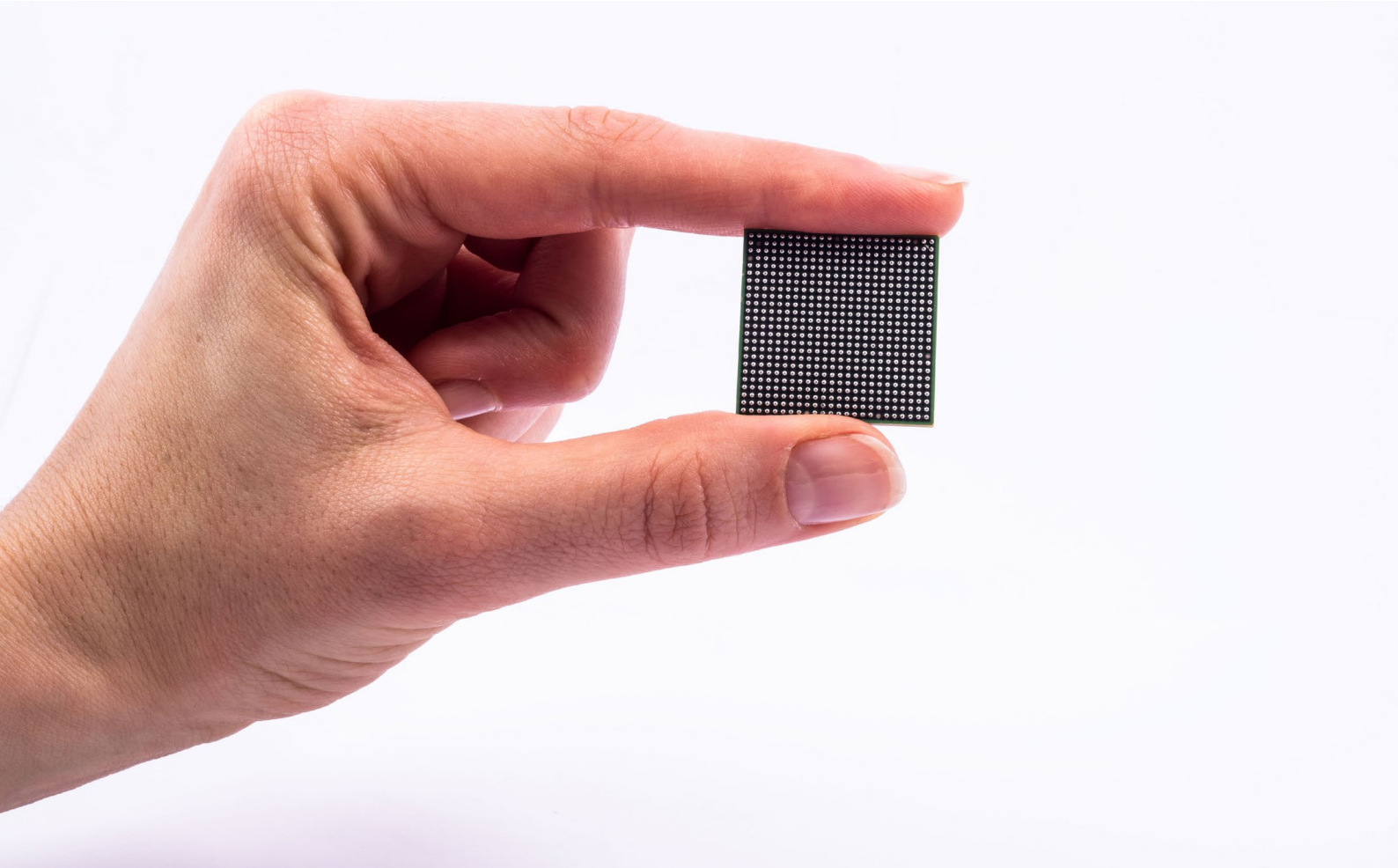


Imec.IC-link, your trusted route to ASIC development



Innovation and product development require focus. Focus on what makes your product unique, how the market moves, and where your customers are. But for the complex process of designing and manufacturing your application-specific ICs (ASICs)? That's a burden you can share with a partner who achieves your most critical specifications while guaranteeing a high chance of success and a rapid time to market.

Imec.IC link is an [ASIC solutions provider](#) connecting you to the entire ecosystem of designers, IP suppliers, foundries, test houses, and others.

Our tailored services offer [affordable, easy, and flexible access to ASIC prototyping and volume manufacturing](#) – even for companies that operate in niche markets, academic institutions, and start-ups.

Choose your tailored set of ASIC services

Thanks to its agreements with leading foundries, imec.IC-link grants you access to manufacturing capabilities in the most advanced technologies – whether you need prototyping, a limited number of wafers, or high volumes.

Through a range of services that supplement your in-house expertise, imec.IC-link makes sure all the ASIC development phases are covered:

- **ASIC design services**, leveraging our in-house team and extensive partner network – This includes specification, architecture definition, IP choice and integration, analog block design, RTL coding, functional verification, design for test (DFT) insertion, and physical implementation to tape out-ready GSII.
- **prototyping** on multi-project wafers (MPW) or engineering wafers, plus assembly, testing, characterization, and qualification.
- **volume production** in a leading foundry – Including monitoring of production yield in order to make targeted improvements.
- **transfer to lower-cost test houses** when yields are sufficiently high.
- **package design for advanced packages** – In cost-efficient plastic and high-quality ceramics (for instance, for space applications), including 2.5/3D integration technologies, such as CoWoS.
- **assembly**

Find out more: www.imeciclink.com/services

Unshackled by technology constraints

Trailblazing products often stem from non-standard technologies. By giving you a wide choice of options such as advanced CMOS, GaN on silicon and silicon photonics, imec.IC-link allows you to choose a technology tailored to your technical and commercial requirements.

Find out more: www.imeciclink.com/technology

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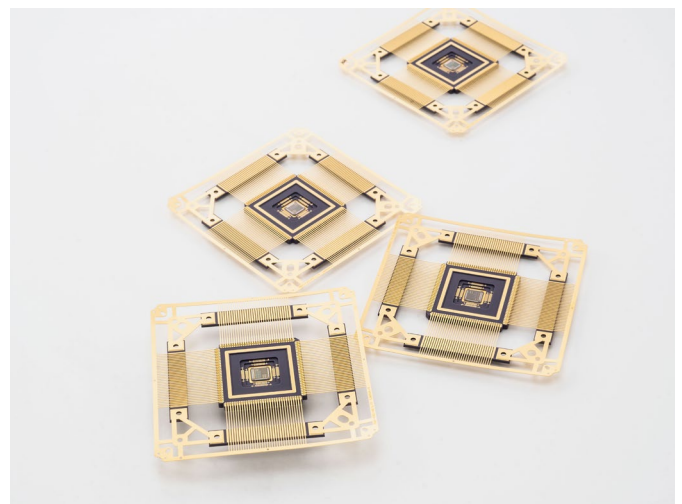
“That imec.IC-link supports us at every stage, is unique in Europe and even the world.”

Fabrizio Del Maffeo, CEO and co-founder of Axelera AI

“

“One of the advantages of working through imec.IC-link is that you can do both low-volume runs while you’re still in the development phase and high-volume ramp-up once your product is ready. All of that involves not only the silicon production but also the packaging and testing.”

Sam Fok, Co-founder and CEO of Femsosense



A single point of contact for a multitude of ASIC skills

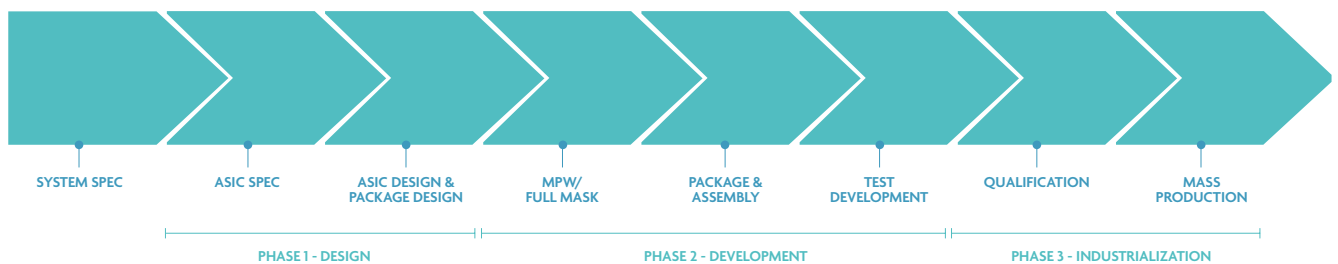
Combining its internal teams with those from its partner network of design houses, IP providers, and foundries, imec.IC-link is your single entrance to more than a thousand highly trained experts ready to take on your project.

We fulfill your time-to-market goals with a project management approach that combines first-rate technical engineering with project risk mitigation techniques, proven quality measures, and strict KPIs.

Find out more: www.imeciclink.com/partners



Single point of contact for custom silicon



Backed by the world's leading semiconductor R&D hub

Imec.IC-link is the ASIC development division of imec, a non-profit R&D center spearheading innovation in nano- and digital technologies.

Our experts can:

- open doors to all the major players in the semiconductor ecosystem.
- ensure imec's infrastructure and expertise are at arm's length if your project needs technologies that are not available off the shelf.

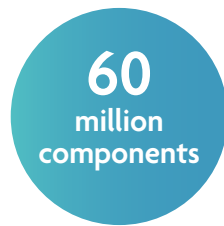


In 2023, imec.IC-link ...

Had more than



Delivered around



Shipped



Choose how you want to collaborate

Imec.IC-link provides flexible access to the ASIC supply chain. You can pick a combination of flexible production models:

- **customer-owned tooling**
Imec.IC-link facilitates the supply chain.
- **turnkey**
Imec.IC-link provides you with a fully qualified, tested, and assembled product.



“Imec.IC-link is like a ladder that we’re climbing to greater and greater levels of scale as a fabless semiconductor company.”

Eben Upton, CEO of Raspberry Pi



“Development cycles should be kept as short as possible, and any idle time in development, design, and manufacturing of the components should be avoided. That is where imec’s experience and its partners are essential for us. They provide us with the quickest route from prototyping to productization.”

Alaa Makdissi, CTO of CAIRDAC

Have a look at more customer testimonials here:



A global organization

Imec.IC-link has a solid and growing team of ASIC experts from all continents, and offices in Leuven (Belgium), San Jose (USA), and Bangalore (India).

Contact us



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