We empower a world of unlimited energy
We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone.

Part of your life.
Part of tomorrow.

We create the future

The world of tomorrow? More fascinating than today, but easier, safer and more environmentally friendly. This drives us at Infineon Technologies Bipolar; our employees at the Warstein and Cegléd sites show their commitment to this idea every day, with inventiveness and dedication.

As the market leader for bipolar high-power semiconductors Infineon Technologies Bipolar supplies the core technology for power generation, transmission and control – on every continent in the world.

We use semiconductors to ensure that modern technology becomes more and more efficient and is available to everyone. This is our contribution to our future.
Our markets are dynamic. In the semiconductor industry it is important to foresee changes and make them possible quickly. This is why Infineon Technologies AG and Siemens AG decided in 2007 to jointly shape the path into the future, setting up a joint venture for the purpose: Infineon Technologies Bipolar.

The diverse competencies of these two global corporations come together at our headquarters in Warstein. Surrounded by nature, just a few kilometers from Lake Möhnesee, you will find all the central functions of the company as well as chip production. In addition, a large number of customer-specific assemblies are also manufactured here every year. The back-end production is located south of Budapest in Cegléd (Hungary).

Approximately 450 employees of Infineon Technologies Bipolar jointly drive innovation and produce the most advanced products in bipolar power electronics: high-performance thyristors and diodes as well as press-pack IGBTs.

Flat hierarchies, short decision-making paths, flexible working time models and innovative idea management are the hallmarks of how we work.
Did you know that ...?

... 26% of our earth’s crust is silicon?*
... the foundation of our semiconductor technology dates back to 1945?
... an 8 gigawatt plant in which 6,000 of our components are installed
can supply a large city like London with electricity?
... our components are fundamental in high power converters that allow for
lower loss transmission of electricity distances of thousands of Kilometers?

*Sources: „Federal Ministry of Education and Research“
„Sand – das Öl der Zukunft“ (www.stern.de)

Knowing what moves us forward

Our experience in technology and application is unrivalled in our market: On just under 6,500 square meters each week our Warstein
and Cegléd sites manufacture silicon chips, the main component
of our high-performance thyristors and diodes.

Advanced technologies and processes as well as pure
monocrystalline silicon are essential to the manufacture of
these durable products. The production of these components is
associated with our extraordinary, deep manufacturing know-how.
We pursue a strict zero-defect philosophy in our certified
manufacturing activities.

We have come a long way together with our customers –
and with new ideas, commitment and continuously optimized
solutions we successfully make progress every day.
Top performance for our customers

The success of our customers in their markets is our motivation. They can rely on the highest quality and reliability at all times.

Worldwide market leaders choose Infineon Technologies Bipolar for good reasons: They value our deep understanding of the requirements of their systems and markets and prefer to take advantage of our intensive and personal support during Design-Ins. In many projects, products are adapted to meet customer specific requirements and additional functions.

We further develop existing technologies for our customers and create the basis for new product ideas and improved system solutions, thus achieving more and more.

Our customers include among others: 

ABB | EATON | GOLDWIND | TOSHIBA | SIEMENS
DELTAn | BOSCH | HITACHI | Schneider Electric | VESTAS
ALSTOm | BOMBARDIER | Huawei | Rockwell Automation | EMERSON
Development of the first light-triggered thyristor with integrated protective functions

AEG and Siemens consolidate their competencies:

Infineon Technologies AG + Siemens = Infineon Technologies AG

Product Development Milestones

1956
- Development of the first high-power thyristor for a 2 GW HVDC system
- AEG in Warstein and Siemens in Pretzfeld develop single crystal power semiconductors

1975
- Development of the first light-triggered thyristor with integrated protective functions
- Acquisition of the assembly business from Infineon Technologies AG

1980
- Development of the first Power Block Module
- Series production of the first 9 kV thyristor for soft-start devices

1990
- Series production of the first 9 kV diodes
- Start of series production of Power Start Modules

1996
- Development of the Power Block Module with pressure contact technology
- Series production of the first Eco Block modules with solder bond technology

1997
- Series production of the first 9.5 kV thyristor for soft-start devices
- Series production of the advance Medium Power Technology

2002
- Series production of the first Eco Block modules with solder bond technology
- Series production of the first Press-Pack IGBTs

2007
- Infineon and Siemens consolidate their competencies:

1999
- Series production of the first IGCT freewheeling diodes

2012
- Series production of the first Press-Pack IGBTs

2014
- Start of series production of Power Start Modules
- Series production of the first Eco Block modules with pressure contact technology

2017
- Series production of the first Eco Block modules with solder bond technology

2020
- Series production of the first Press-Pack IGBTs

The success of our customers is our passion. That’s why we support their competitiveness with innovative products and solutions while maintaining the highest level of professionalism in all areas of the company.” – Jirko Lohse, Spokesman of Management Board
Ideas need freedom

You will find more than first-class career opportunities and opportunities for further development at our company – we are proud of our good working atmosphere. Infineon Technologies Bipolar offers a wide range of opportunities to achieve a positive work/life balance. This freedom promotes energy and leads to fresh ideas.

Fitness & Health
We value your health. To this end we offer our employees a reduced-rate membership at a fitness center in addition to our own company medical office and physiotherapy.

Are you interested in soccer, tennis, skiing, running, badminton, mountain biking or golf? Our company sports groups offer a wide range of opportunities to unwind after work.

Food & Drink
Our location in Warstein offers an on-site restaurant where you can choose from different dishes every day. In addition, a coffee bar with lounge is perfect for sharing experiences.

Leisure Time
Nature and recreation, industry and technology, history and events: The main site of our company is located in one of the most attractive and diverse regions in Germany.

From natural attractions such as Möhnesee and Arnsberger Forrest in the Sauerland region to the great cultural and shopping metropolises of the Ruhr area, everything is nearby, allowing for a high level of work-life-balance.

Family & Jobs
We want you to be able to optimally balance your private obligations with your job with possibilities such as flexible working time models, part-time work and “Federal Ministry of Education and Research” sabbaticals make it possible.

In addition to our parent-child office, we also offer a summer holiday camp that supports parents of school-age children.
Facts and figures about a diverse company: Infineon Technologies Bipolar

The innovative strength and enthusiasm of our employees make us a successful company. We value a good working atmosphere, fair development opportunities and a secure job. This is why we regularly check to make sure Infineon is a good place to work.

This fact is confirmed to us on a regular basis: The Great Place to Work® Institute named Infineon Germany’s best employer in 2017. We are also certified as a family-friendly company in the Soest district.

Awards like these motivate us. Together, we want to continuously improve, in order to pave the way to a world of unlimited energy and to shape new progress every day.

Employees

- 453 employees
  - 56% women
  - 44% men

Employment status

- Full-time: 87%
- Part-time: 13%

Over 12 nations from three continents

Average length of employment with the company

- 14 years

Engineers and technicians

- 37%