



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.

High-tech lab in nature

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:



Company Milestones

1945



Warstein-Belecke



Pretzfeld



Eberhard Spenke

Walter Schottky

1990

eupec

AEG 50%
SIEMENS 50%

1997

eupec

SIEMENS 100%

1999

eupec

infineon 100%

2007

Infineon and Siemens consolidate their competencies:

infineon + SIEMENS =



Infineon Technologies Bipolar

Jirko Lohse,
Björn Ossenkop



„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

Product Development Milestones

1956

AEG in Warstein and Siemens in Pretzfeld develop single crystal power semiconductors

1975

Development of the first high-power thyristor for a 2 GW HVDC system

1980

Development of the first Power Block Module



1996

Development of the first light-triggered thyristor with integrated protective functions



1998

Series production of the first IGCT free wheeling diodes



2002

Series production of the first 9 kV diodes



2009

Development of the advance Medium Power Technology



2014

Acquisition of the assembly business from Infineon Technologies AG



2012

Series production of the first 9.5 kV thyristor for soft-start devices



2015

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



2017

Start of series production of Power Start Modules



2018

Series production of the first Eco Block modules with pressure contact technology



2020

Series production of the first Press-Pack IGBTs





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 Möhnensee 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



453

employees

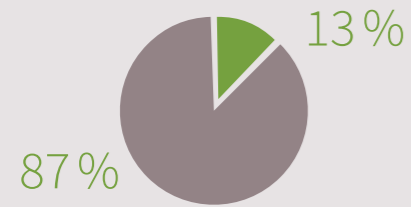


56%

women

44%

men



Employment status

■ Full-time ■ Part-time

Over 12 nations

from three continents



14 years

Average length of employment
with the company



37%

Engineers and technicians

Excellent working culture

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.



„In order to create values, we also have to live them.“

Christian Wolters,
Chairman of the Works Council



Infineon Technologies Bipolar GmbH & Co. KG

Max-Planck-Straße 5
D-59581 Warstein

www.ifbip.com
www.ifbip-shop.com

Published by
Infineon Technologies Bipolar GmbH & Co. KG

© 2021 Infineon Technologies Bipolar GmbH & Co. KG
All rights reserved.

Bildnachweise: © Dominik Krause
S. 21 © Wirtschafts- und Tourismus GmbH Möhnesee
Date: 04 / 2021

