

# Make the future visible

Career opportunities at Infineon Technologies



# Market share

# with 10.5% market share\*

## Automotive

Number 2 in automotive semiconductors

# with 12.3% market share\*\*

## Industrial electronics

Number 1 in total market for discrete semiconductors and modules for the 11th year in a row

Source: IHS Inc., September 2014



Information and communication technology (ICT)

Number 1 in standard MOSFET power transistors



# Security

Number 2 in microcontroller-based chipcard ICs

Source: IHS Inc., July 2015

\*\*Calendar year 2013

\*Calendar year 201



Did you know that Infineon has taken yet another technological quantum leap with the world's first production of 300mm thin wafers for power electronics?



Did you know that Infineon values the balance between professional and family life and was awarded the "berufundfamilie" audit certificate as early as 2010?



Did you know that each day Infineon employees come up with more than three new patent applications?

# Tiny chips make a huge difference!

Already today ...







... an average of 55 Infineon products per vehicle help to ensure a safe and energy-efficient driving experience. At the same time, we are working on semiconductor solutions to meet tomorrow's mobility needs.

... around half of all passports and ID cards worldwide contain an Infineon security controller that ensures safe data transfer.

At the same time, our semiconductor solutions are the key for tomorrow's security.

... power semiconductors with a value of up to €9,000 per megawatt are installed in a single wind farm to provide a reliable power supply. At the same time, our power semiconductors are the drivers for the coming energy policy turnaround.

This is how we make the future visible.

What do we need to accomplish this? Your passion, expertise, and fresh ideas. Join our team and work for one of the biggest companies\* in the field of microelectronics! Whether as an intern, working student or while writing your thesis: here you take the future into your own hands.

## What do we do?

We make life easier, safer and greener – with technology that achieves more, consumes less and is accessible to everyone. Microelectronics from Infineon is the key to a better future.

Infineon uses its core competencies in

Analog/mixed signal	Power	Embedded control Man	ufacturing competence
to develop products, systems and solutions for our target markets:			
Automotive electronics	Industrial electronics	Information and communication technol	logies Security

<sup>\*</sup> No. 1 in Germany and No. 2 in Europe, Source: IHS Inc., 08/15

# Our offer



# Learning & development

During our STEPS (Steps to Employees' Personal Success) employee dialog, you can openly discuss your career development with your manager and set your own goals in line with business needs. We will support you with a broad range of training offers. Furthermore, we also offer coaching, mentoring and various networks. Qualified employees also have the opportunity to go abroad to gain valuable personal and professional experience that cannot be acquired within their home country.



# Career paths

Besides our standard Individual Contributor career path, we offer three other equivalent career paths:

Management Career: if you have the ability and enthusiasm to lead others and want to make an impact on the company's strategy.

Project Management Career: if you are keen on connecting people from different departments and love to drive projects to success.

Technical Career: if you have a passion for technology or want to specialize in one of the company's main corporate functions and become an expert in your professional field.



# Private & professional life

life. With the help of specific measures such as flexible working conditions, part-time work, home office, sabbaticals, as well as holiday child care and child daycare centers at some of our locations, we make it easier for women and men to pursue their career in every stage of their lives.



# Diversity

We know that the diversity of our team gives us a competitive edge. And to us, valuing diversity means much more than simply recognizing and respecting our employees' national and cultural identity.

We consider it just as important to respond to and address the various interests and needs associated with different lifestyles. These can be defined by factors such as an employee's age, culture, possible disability, gender, religion or sexual orientation.



# Your start options at Infineon

Are you curious and keen to work on groundbreaking technologies and world-class products in an international environment? If so, now is the time to find out more about the various career opportunities available in our company. During your studies, you can join our team as a working student, doing an internship on your thesis. Furthermore, we also offer topics for your Ph.D. or trainee and direct entry positions. Whichever choice you make, once you join Infineon we'll offer you hands-on experience in your field of interest.

We are constantly on the lookout for excellent people from all over the world. Join the Infineon team!

Concept Engineering De

**Design Engineering** 

Quality Management

Manufacturing

Sales Test & Product Engineering

Research & Development Product Marketing

Process Engineering Corporate Functions

**Production Engineering** 

Information Technology

**Application Engineering** 

**Supply Chain** 

**Field Application Engineering** 



In my internship I carried out measurements and analyses in the laboratory with new silicon carbide devices and was involved in industry-related research. I then wrote my master's thesis in the field of Electrical Validation. I'm proud that my results have direct value for the company. I immediately liked the atmosphere here and am very happy that I could step into a permanent position at Infineon in System Engineering afterwards.

Anastasia Brodt, Warstein Graduate in Nanoengineering at the University of Duisburg-Essen

Employee since 1/15



# Who are we looking for?

For a career with Infineon, it's essential to have a strong professional background and enthusiasm for technology. We work together across international boundaries in order to achieve the best. It's our employees who drive Infineon on its road of success with a clear focus on:

- > Ambitious goals and results
- > Entrepreneurial decision-making
- > Lean and fast execution
- > Passionate and talented people

On the right you'll find an overview of the main disciplines that we are looking for. We would also like to give you an idea of the fields of work that we can offer.

Needless to say, this is just a rough overview and not an all-inclusive list. Other qualifications are also welcome, and your assignments will depend on both your individual expertise and your interests.

# Key skills & abilities

## Technical knowledge

- > Excellent expertise within field of study
- > Sense for quality
- > Feeling for customer & market

## International orientation

- > English language
- > Sense for diversity
- Mobility

## Soft skills

- > Team competence
- > Presentation & communication
- > Project management



## **Electrical Engineering**

**Key aspects:** Communications Engineering; Information Technology; Microelectronics; Power Semiconductors; Power Electronics; Embedded Systems; Radio Frequency (RF) Engineering; MEMS

Main tasks: Application Engineering; IC Design (analog/mixed signal/digital); Research & Development (Technology/Product); Simulation; Software Design; Product/Test Engineering; Verification; Quality; Technical Marketing

## **Physics**

Key aspects: Optics; Solid-state Physics;

**Semiconductor Physics** 

Main tasks: Chip Design; Packaging Technology; Research & Development (Technology / Product); Process Engineering; Production Engineering; Application Engineering; Quality;

**Technical Marketing** 

#### Chemistry

**Key aspects:** Chemical Engineering; Inorganic Chemistry; Physical Chemistry

Main tasks: Production Engineering; Process Engineering;

**Unit Pocess Development** 

#### **Mechanical Engineering / Mechatronics**

**Main tasks:** Mechanical Design of Power Semiconductor Modules; Maintenance; Production Engineering

#### **Computer Science**

Key aspects: Embedded Control; Embedded Security;
Algorithms; Cryptography; Information and Coding Theory;
Programming (Assembler, C, C++, Application Software,
Firmware, Java, object oriented programming)

Main tasks: Software Development; Design of Security
Chips; Verification; Test Engineering; IT Security; CIM;
Business Applications/SAP; Data Center & Systems Management; Desktop & Office Automation; Network & Voice

#### Mathematics

**Key aspects:** Algorithms; Cryptography; Modeling **Main tasks:** Chip Design; Software Development

Industrial Engineering / Business Administration / Law Main tasks: Corporate Functions; Sales & Marketing;

Supply Chain; Finance; Purchasing

# Sites

# **USA** Chandler Durham • El Segundo Hayward near

- Temecula Tewksbury
  - Tijuana Torrance
- San Francisco Warwick Irvine
- Kokomo
- Lebanon
- • Leominster
  - Livonia
  - Mesa
- Milpitas
- Morgan Hill
- San José
- São Paulo
- St. Paul

#### Europe

- Augsburg
- Barcelona
- Bristol
- Bucharest
- Cegléd Ditzingen near Stuttgart
- Dresden
- Dublin
- Duisburg Erlangen
- Espoo near Helsinki
- Graz
- Grossostheim near Frankfurt
- Hanover

Istanbul

Padua

Pavia

Porto

• Reigate

Regensburg

Rotterdam

Saint Denis

Skovlunde

Toulouse

Vienna

Villach

• • • Warstein

Zurich

near Paris

- Kista near
  - Stockholm Klagenfurt
- Le Puy near Aix-en-
  - Provence
    - Linz Madrid
    - Marseille
    - Milan
    - Moscow Neu Isenburg

near Frankfurt

- Neubiberg near Munich
- Newport

#### Asia/Pacific

- Bangalore
- Batam
- Beijing
  - Blackburn near Melbourne

Japan

Nagoya

Osaka

Tokyo

- Chennai
- Cheonan
- Hong Kong
- Kulim
- Malacca
- New Delhi
- Seoul
- Shanghai
- Shenzhen
- Singapore Taipei
  - Wuxi





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Order Number: B179-I0055-V2-7600-EU-HR-P Date: 09/2016













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