



HIGH PERFORMANCE COMPANY  
MORE THAN JUST INNOVATION



[www.eesy-ic.com](http://www.eesy-ic.com)



## Company Profile

**eesy-ic** – our innovative technology company which is based in Nuremberg, Germany. We develop first-class products that influence and improve the future of technological interactions. We are known for our innovative approach to technology and for producing reliable products with outstanding performance scores.

**Our core competencies** are IC-design & layout with focus on analog, digital as well as mixed-signal and RF integrated circuits, IC-verification and characterization as well as IC-production test solutions.

**Our standard** is to provide the highest quality service and a maximum reliability through our customer oriented approach.

**Our guiding principles** are identifying opportunities, exploring new options, promoting great ideas, developing of leading-edge products, understanding your specific needs and providing innovative solutions.

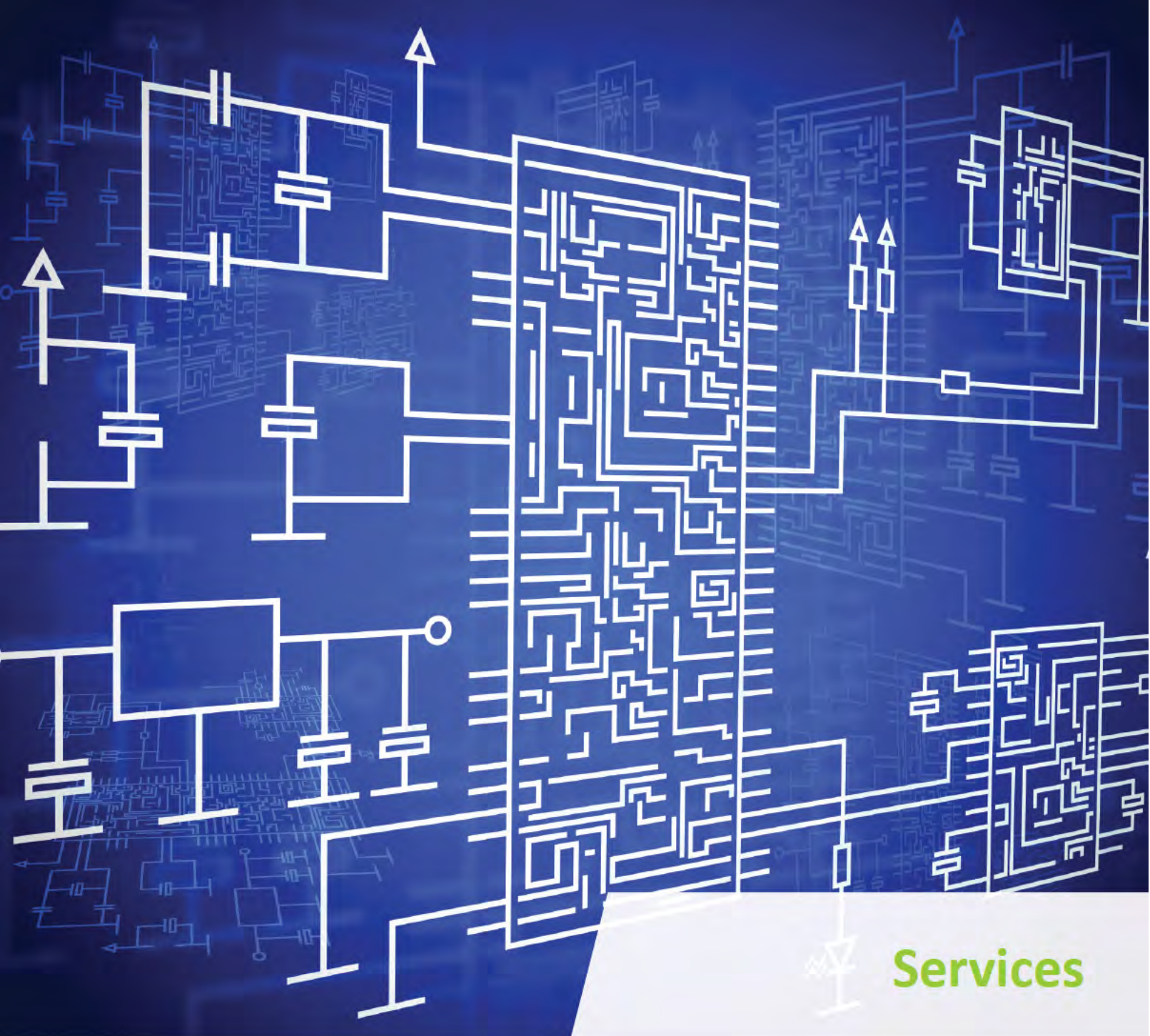


## Innovation and Customer Orientation

A reliable business relation is for our company self-evident. We provide you as our customer maximum benefits and place great importance to our business relation with a long-term cooperation. We ensure that we meet your needs and requirements and provide you comprehensive, tailored solutions. Our product solutions are distinguished by high quality and excellent performance.

We believe that our specialized knowledge and the experience of our exceptional team are our most important success factors. Our team has worked together for many years and has successfully led many projects from specification all the way to production. We as easy-ic team offer you an extensive experience and excellent know-how and we are regarded among the best specialists of the industry.

**“Our goal is to use our teams’ unique technical knowledge and profound experiences to develop leading-edge technologies and offer you as customer new products and solutions with added value, increased efficiency and highest quality.”**



## Services

We live in a world with rapid technological progresses and challenges, global growing competition and ever-shorter innovation and product cycles. Sometimes it can be difficult to manage and launch products on time under these ever-changing conditions. We from eesy-ic understand your unique requirements and aim helping you to reach efficiently and reliably your goals.

Our objective is to make you and your products successful. We create great customer value for you by offering the optimum solutions for complicated problems with the best possible outcome.

Our working method is characterized by a high flexibility, short communication channels and a fast decision-making process.

Driven and inspired by trendsetting ideas, we use our know-how and creativity to provide you with complete, customized solutions every step of the way: From analog and mixed-signal design and layout to characterization, verification as well as to product testing. Our goal is to fulfil your specific needs as our client. Benefit from our know-how and extensive experience.

#### ANALOG-IC:

- References
- Operational amplifiers
- Comparators
- Analog voltage regulators
- Power switches
- Galvanic isolation

#### DIGITAL-IC:

- Design with VHDL or Verilog
- Development of complex test bench environment
- Backend development
- IP development
- Rapid prototyping with FPGA
- FPGA design

#### MIXED-SIGNAL-IC:

- Analog-digital-converters
- Digital-analog-converters
- Comparators
- CMOS oscillators
- Switched-capacitor circuits

#### RF-IC:

- Highly integrated RF-subsystems: transceiver circuits, frontends for RF-signal processing and radar sensors
- RF-function IP blocks, e. g. LNAs, mixers, VCOs, PLLs, integrated power amplifiers, RF-switches
- RF-design studies for selection of optimum RF-circuit techniques to meet the required system performance
- Selection of semiconductor process technology suitable to the design task and planned production volume (CMOS, SiGe-bipolar, GaAs)
- Layout services with special attention to RF specific features

#### IC-VERIFICATION & CHARACTERIZATION:

- Design and layout of hardware
- Software development with C, C++, C# and LabVIEW
- Characterization and verification
- Qualification

#### IC-PRODUCTION TEST:

- Testing on various platforms: Teradyne, Eagle, LTX-Credence, Verigy/Advantest
- High-precision measurement technology
- Optimization of test time
- Design-for-test concepts (DfT)
- On-site testing (own platform)



**“We from easy-ic  
are your expert  
in Design and Layout of  
integrated circuits for  
innovative applications!”**



## ASIC – The Customer-Specific Solution

With Application Specific Integrated Circuits (ASICs) by easy-ic you, as our customer; are able to differentiate from your competitors through unique products. We from easy-ic use the best resources to develop powerful, reliable and efficient ASICs that suit your specific needs.

In our ASIC development we place reliance in a close cooperation between our development team and you as our customer. In each project we direct our attention to your individual needs and find the perfect application solution in order to enhance the product's performance and enable a faster time-to-market.

Our easy-ic team has extensive experience in developing analog, mixed-signal and digital-integrated circuits. This experience, combined with our cutting-edge approach, will ensure that you can achieve your goals in a timely and cost-effective manner with reliable products.

### WE OFFER:

- IP protection
- Optimal solution for size and precision
- IC definition and specification
- IC design and layout
- IC characterization and verification
- Application support
- Production testing
- Development and production

## Our Strong Research and Company Network

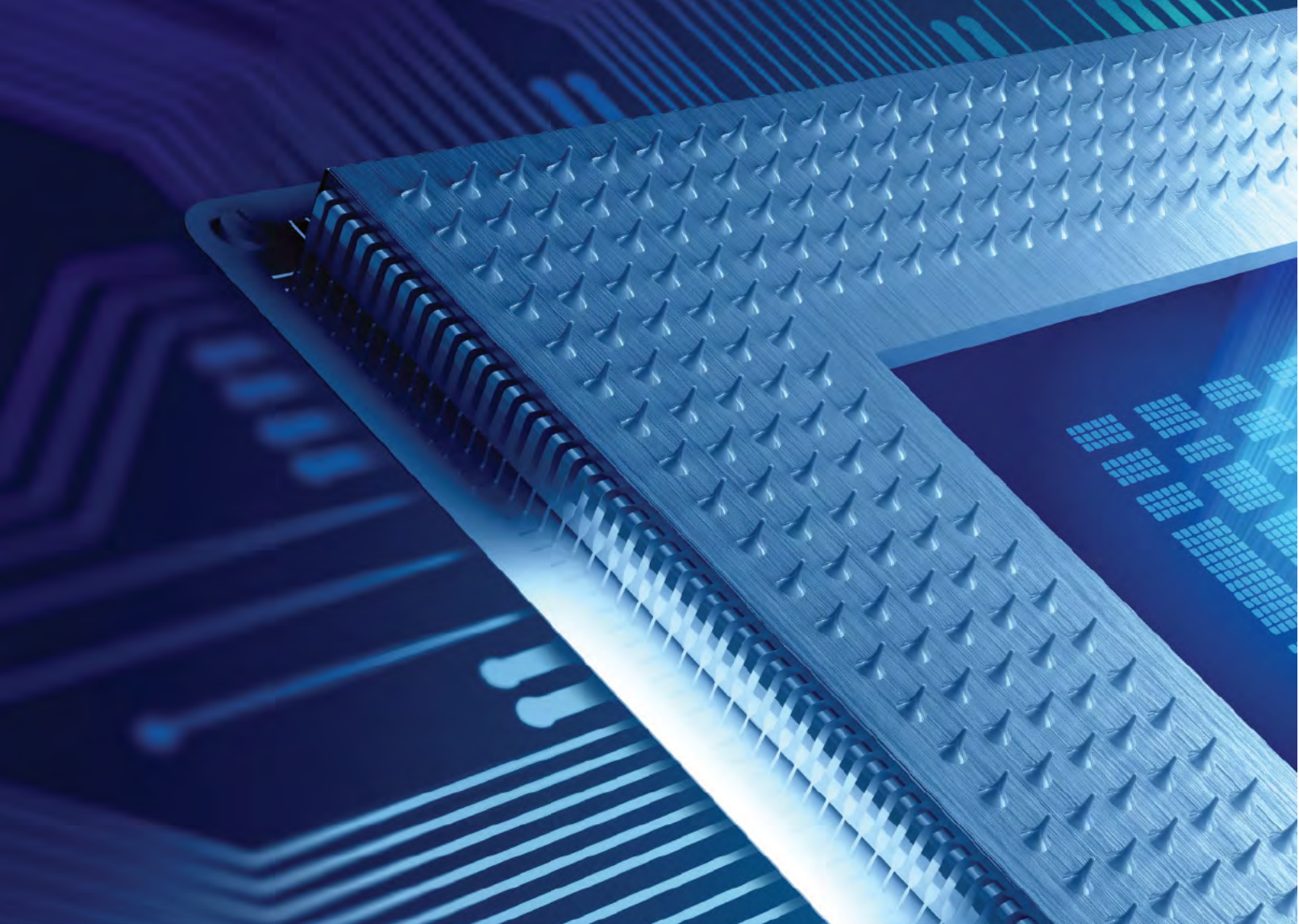
New technologies are the result from innovative researches and developments. The connection between science and practical work enables people to produce new ideas and to transform them into marketable products and services. This presents the basis of our long-term economic success.

Our close relationship to science, regular communication with research experts and cooperation with our partners allow us to stay keep up with current trends in IC development. Our different locations enable our close contact to some of Germany's top research institutions.

We are always looking for new research institutes, partner companies and funding programs to support us in realizing future-oriented projects. We can assist in selecting the suitable funding program for you if you plan to develop for example a cost-effective ASIC for your product.

If you would like to cooperate with us or get to know more about our work, do not hesitate to contact us under [info@eesy-ic.com](mailto:info@eesy-ic.com).





eesy-ic GmbH  
Suedwestpark 10-12  
90449 Nuremberg  
Germany

+49 (0)911 - 810 211 0  
info@eesy-ic.com  
[www.eesy-ic.com](http://www.eesy-ic.com)