Infineon Technologies Dresden

At a glance

**Dresden – the most modern and one of the largest Infineon manufacturing and technology development location**
› 100-percent subsidiary of Infineon Technologies AG
› Investments: over 3 billion euros since 1994
› Highly automated manufacturing on 200 mm wafers for More-than-Moore technologies
› The world’s first high-volume production site for power semiconductors on 300 mm wafers

**Employee structure**
› Over 2,000 employees of 20 nations, of which 50 percent are working in shift system
› About 60 trainees in the mechatronics and microtechnology occupations

**Social and regional commitment**
› One of the initiators and one of the founding member of Silicon Saxony: Technology network with more than 300 member companies
› Donations and sponsoring for selected activities in the region

**Highly automated high tech manufacturing**
› I4.0 production on 200 mm and 300 mm silicon wafers
› First-class security standards
› Highest quality due to zero defect philosophy
› Fast cycle times
› Clean room with 40,000 m² area
› 12 km transport system
› Production 365 days / 24 hours

**Broad technology portfolio**
› 45 technologies and technology derivatives
› Over 50 innovation and technology development projects

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At a glance

More than 400 products in four segments

› **Automotive**: motor and drive controls (hybrid, eMobility); safety management (airbag control unit); passenger and operator comfort

› **Chip Card & Security**: ID (ePassports, identification card); payment systems (credit and debit cards, e-tickets); entertainment and communication (SIM cards)

› **Power Management & Multimarket**: low-consumption, high-performance audio amplifiers; ambient light sensors; power control and battery management of mobile devices

› **Industrial Power Control**: components for electric drives and renewable energy; intelligent power control electronics

Future-oriented innovations

› More-than-Moore technologies

› Integrated MEMS and sensors (e.g. light, pressure, acceleration)

› Smart, integrated power technologies for automotive and industrial applications

› New concepts for power semiconductors on 200 mm and 300 mm wafers

› Center of excellence for Industry 4.0 / production automation

› Innovative unit processes

› Equipment innovation (e.g. production facilities)

Certificates

› QM system according to ISO TS 16949 / ISO 9001

› Integrated management program for environment, energy, safety and health according to ISO 14001, ISO 50001 and OHSAS 18001

› Member of Umweltallianz Sachsen, the environmental alliance of Saxony (No. 66/2000)

› Security management: ITSEC Common Criteria EAL5 and EAL5+, VISA Card and MasterCard certified

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www.infineon.com