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www.austriamicrosystems.com



ASICs

Application Specific Integrated Circuits

Talk to the Experts

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ASICs for a Better Life

Safe

Hi, my name is Lisa. I work at austriamicrosystems in the clean room where I operate high-tech wafer production equipment. These machines handle many different chemicals but latest technology ensures a safe working environment for me.



Industrial Sensors

Capacitive, magnetic and optical sensors and sensor interfaces from austriamicrosystems meet challenging specifications to enable advanced sensing systems in industrial process automation and building control.

Healthy

My grandma just had her 85th birthday. The doctors say I could live as long as her even though I have diabetes. I still feel independent with portable devices to check my blood sugar and inject insulin. And I do watch my pulse when I go running.



Portable Medical Devices

austriamicrosystems provides highly integrated, low-power solutions for portable glucose meters, insulin pens and personal heart-rate monitors, bringing value to patients and health-conscious consumers.

Connected

The last time I went running I tripped on a stone, fell, and hurt my leg. I could not walk home but luckily I had my mobile phone with me so I could call a friend for help. My new mobile phone is so small and light, I can really have it with me all the time.



Mobile Phones

Global leaders trust austriamicrosystems for special functions in mobile phones such as low-noise MEMS microphone interfaces. MEMS microphones offer space savings, better sound quality and reliability.

Protected

I love the powerful type – whether it's a man or a car! But I want to feel safe when I go fast. I still remember when the ESP (Electronic Stability Program) saved my life on a gravel path. I am glad cars have all of these new safety features on board.

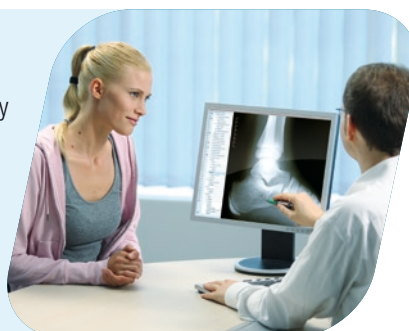


Automotive Sensors

austriamicrosystems' sensor interfaces comply with the most stringent safety and quality requirements. Applications include ESP and position measurement for steering wheel, accelerator and gear box.

Feeling Well

The doctor examined my injury carefully. He took an X-ray of my leg and explained to me that he is using new digital equipment. The system uses much lower X-ray doses and he could show me the X-ray on screen immediately – isn't that amazing?

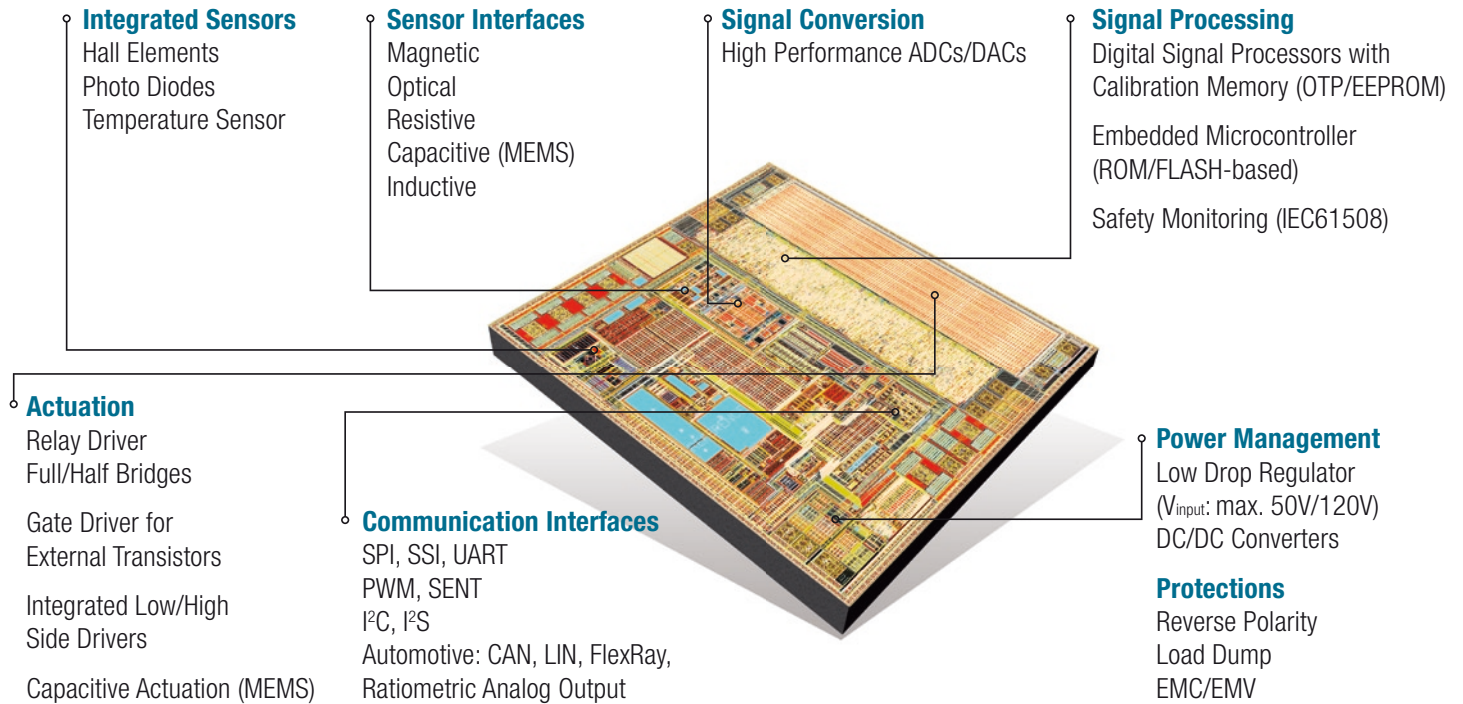


Medical Imaging Equipment

austriamicrosystems supplies low-noise, high-precision detector interface components for digital X-ray machines and computer tomography systems. Technology leadership drives strategic partnerships with key OEMs.

Your Partner for Turnkey Solutions

Integration of Complex Functions on CMOS Silicon



High Quality Products

Leading-Edge Technologies

State-of-the-art processes for

- High-Voltage CMOS (3V – 120V operating voltage)
- SiGe-BiCMOS
- Non-Volatile-Memory in CMOS and High-Voltage CMOS

0.35 μ and 0.18 μ process nodes.

Long Process Availability

austriamicrosystems supports long life cycles for our customers' products as required in the automotive, industrial and medical markets.

Committed to Quality and Environment

As part of a comprehensive Zero Defect Program, austriamicrosystems has developed a highly respected design and manufacturing flow to ensure our products meet the most stringent quality requirements. austriamicrosystems is certified to all relevant automotive and medical standards including ISO/TS 16949:2000 and ISO/TS 13485:2003.