

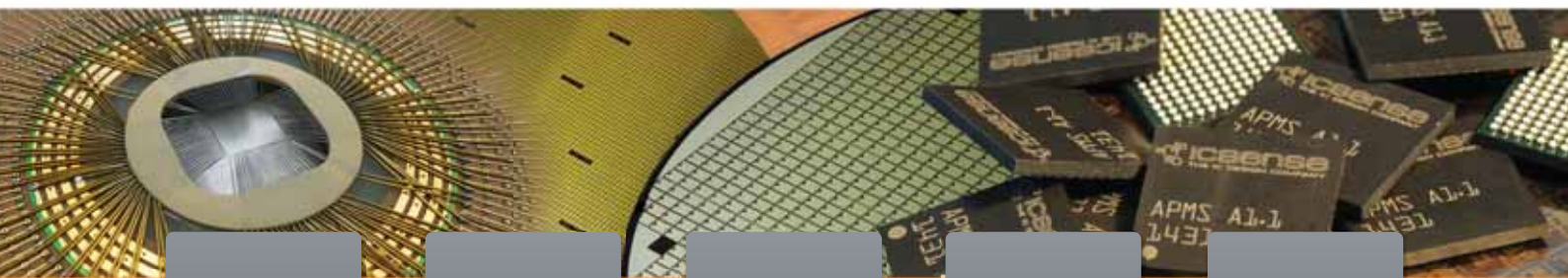


## Exclusive ASIC supply



### One-stop-shop ASIC solutions

- Excellent track record in innovative and high-complex ASICs
- Every ASIC is made for and sold to 1 single customer only
- First-time-right methodology and zero defect strategy
- Automotive ASIC developments according ISO26262
- ISO13485 certified ASICs for medical implants and wearables
- Industrial ASIC design and supply IEC61508 compliant
- Ultra-low-power custom ASICs for consumer applications



**“We build longterm relationships with our customers by supplying innovative and cost effective ASICs to support their product roadmap.”**

ICsense CEO, Bram de Muer



### AUTOMOTIVE

- Communication (CAN, SENT, PS15, ...)
- Fuel injection driver
- Hall sensor read-out
- xMR sensor interface
- Gyroscope interface
- H-bridge drivers
- Xenon HID lamp driver
- Battery management ASIC
- Motor control
- ...



### MEDICAL

- X-ray imaging chipset
- Deep brain stimulator
- Li-Ion Battery management
- Nerve stimulation IC
- Hearing aid power mgmt
- Lab-on-chip
- ECG readout
- Wireless power/data transfer
- ...



### CONSUMER

- HV MEMS digital speaker driver
- 3-axis magnetic compass
- MEMS gyroscope
- Accelerometer interface
- Hall sensor interface
- 40W PoE PD & SMPS controller
- Class D audio drivers
- Inertial Measurement Units (IMU)
- SIMO DC-DC (Single-Input-Multiple-Output)
- Gas sensors
- ...



### INDUSTRIAL

- Pressure & flow sensors
- Communication (RS485, M2M, ...)
- Inductive proximity sensor
- High-power DC-DC controllers
- Wheatstone bridge readout
- Passive RFID tags
- Embedded digital processing
- Strain gauge interfacing
- Motor control
- ...

Further details of sample ASIC developments  
[www.icsense.com/ASIC](http://www.icsense.com/ASIC)

