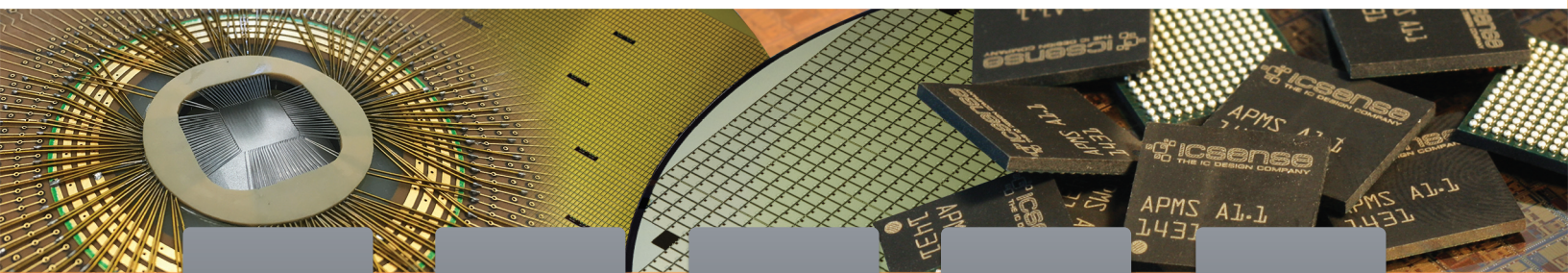
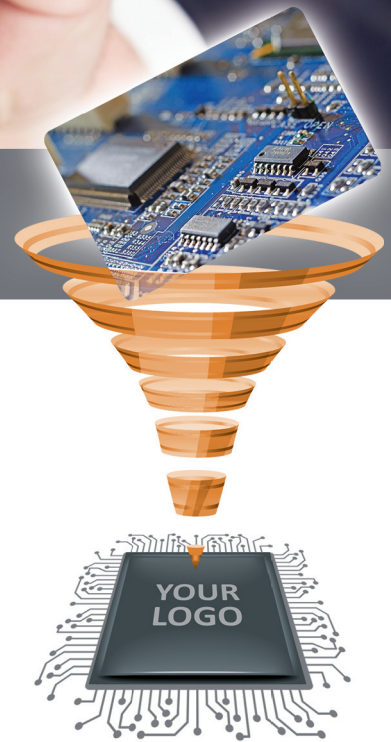




## Exclusive ASIC supply

### 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



ASIC  
DEFINITION



DEVELOPMENT  
& VALIDATION



MANUFACTURING,  
ASSEMBLY,  
TEST



QUALIFICATION  
& INDUSTRIALIZ-  
ATION



ASIC  
SUPPLY

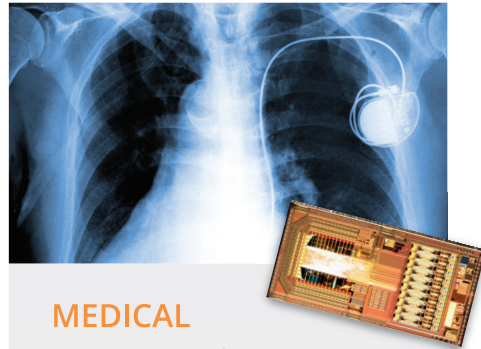
**"We build longterm relationships with our  
customers by supplying innovative and cost effective  
ASICs to support their product roadmap."**

ICSense CEO, Bram de Muer



## AUTOMOTIVE

Communication (CAN, SENT, PSIS, ...)  
 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)



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