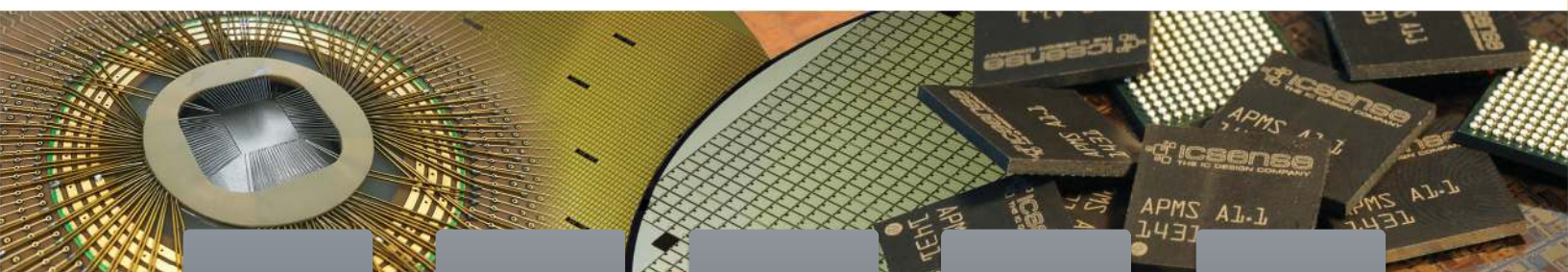




Exclusive ASIC supply

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
& INDUSTRIALI-
ZATION



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



ICSENSE NV
 Arenberg Science Park
 Gaston Geenslaan 14
 B-3001 Leuven (Belgium)

Tel. +32-16-58 97 00
 Fax +32-16-58 97 20
supply@icsense.com
www.icsense.com