

# インフィニオンが提供する製品群

## Sensors

- › Radar industrial (24 GHz)
- › Radar automotive (24, 77, 79 GHz)
- › Pressure sensor
- › Magnetic sensor  
– Hall, GMR, iGMR
- › Proximity & ambient light sensors
- › mmWave MMICs (24-86 GHz)
- › 3D image sensor (REAL3™)

## Microcontroller

- › Automotive  
– 16-bit
- › TriCore™-based MCUs\*  
– 32-bit dual-core MCU\*  
– 32-bit multi-core MCU\*  
AURIX™ family
- › Industrial MCU  
– 8-bit, 16-bit, 32-bit  
\* ARM® Cortex®-M (XMC™)

## RF devices

- › RF discretes
- › LNAs
- › MMICs
- › RF CMOS switches
- › mmWave (24, 60, 70, 80 GHz)
- › TVS diodes
- › RF power amplifier
- › RF power amplifier driver ICs

## Security & smart card solutions

- › Security controllers
- › Smart card solutions
- › OPTIGA™ family of embedded security solutions
- › ORIGA™ battery authentication
- › Contactless memories
- › CIPURSE™ products
- › Security controllers for USB tokens

## MOSFETs

- › Low voltage 20–100 V (OptiMOS™, StrongIRFET™)
- › Medium voltage 100–500 V (OptiMOS™)
- › High voltage (500–900 V) (CoolMOS™)
- › SiC (CoolSiC™)
- › GaN (CoolGaN™)
- › Automotive MOSFETs (20–650 V) (OptiMOS™, CoolMOS™)
- › MOSFET modules

## Power ICs

- › MOSFET driver ICs
- › IGBT driver ICs
- › LED driver ICs
- › Gate driver ICs
- › Lamp ballast controller ICs
- › AC-DC, DC-DC digital
- › Switches (PROFET™, HITFET™, TEMPFET™)

- › High-reliability products

## IGBTs/Bipolar

- › Discrete IGBTs
- › IGBT modules
- › Stacks
- › IPM (Intelligent Power Modules)
- › Bipolar diodes
- › Bipolar modules (IsoPACK™)
- › Thyristors

- › Diodes  
– Standard – SiC  
– Bipolar – Bare die  
– Modules – Automotive

