

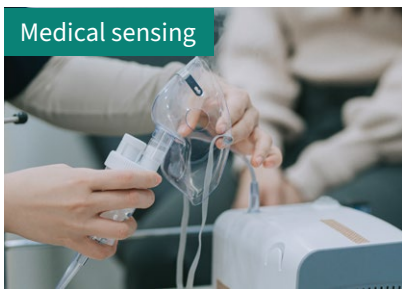
PRODUCT BRIEF

Custom Sensor Interface ASICs

Precision in Sensor Interfaces. With Custom Silicon.

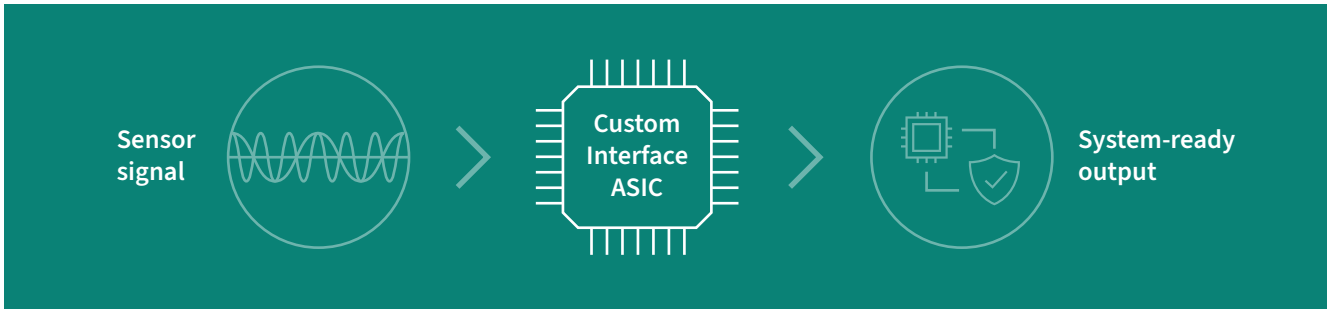




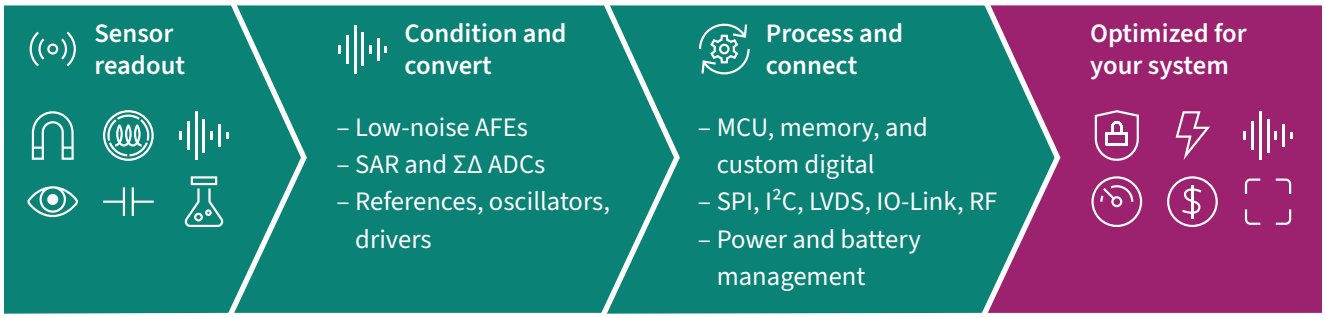


Let's create your sensing advantage
www.infineon.com/sensor-asics

PRODUCT BRIEF



Your trusted ASIC partner from concept to long-term supply
Decades of sensing and application expertise, high-performance analog and mixed-signal IP, and proven industrialization enable us to tailor ASIC signal chains to your unique sensing challenge.



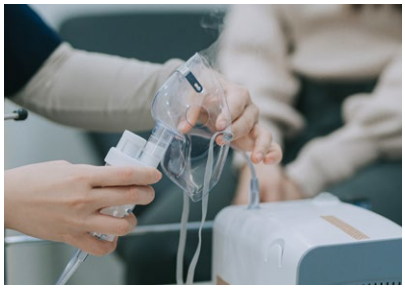
Decades of application experience
From harsh industrial environments to precision medical signals



Factory automation
– Proximity / photoelectric
– Encoders
– Pressure / Flow
– Light Curtains
– …



Building control
– HVAC
– Water Control
– Smoke Detectors
– KNX Interfaces
– …



Medical sensing
– Bio-signal acquisition
– Wearables
– Patches
– Implants
– …

Backed by Infineon scale
Global footprint, long-term supply continuity, lifecycle support
– Broad analog and mixed-signal IP
– 200 mm + 300 mm manufacturing
– Global fab, partner, and supply ecosystem
– Technology longevity for long lifetime products



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