



Unique solutions  
for unique customers

[ams-osram.com/ASICs](https://ams-osram.com/ASICs)

am<sup>os</sup> OSRAM

# Where innovation meets precision. We orchestrate customized sensor solutions for you.

## About ams OSRAM

ams OSRAM provides a comprehensive support ecosystem for high-performance, low-power analog/mixed signal CMOS-based application specific customized solutions that reduce your bill of materials and speed time to market. We enable you to excel with superior products for industrial, automotive, medical and consumer applications, while simultaneously protecting your IP.

**Ready to get started? Talk to your customized solutions team today.**

## Why choose ams OSRAM?

- **Technology leadership**
  - Unmatched technology portfolio
  - Large portfolio of CMOS and wafer processes
  - Special technologies and processes (e.g. Through Silicon Via, optical packages)
- **Hundreds of experts**
  - ASIC design, manufacture and application specific
  - In-depth knowledge enables fast time to market
  - Serving customers for 40+ years
- **Secure supply chain**
  - Own wafer manufacturing in Europe
  - Dual sourcing via partner network

## A complete solution

- **Specification**
  - We enable you to define the best solution
- **Design**
  - We excel with highly sophisticated ASIC and custom circuit design
- **Manufacturing**
  - Our CMOS processes are tailor-made to make your products best-in-class
- **Supply**
  - We enable long term and stable supply of products for our customers

## Ways customers benefit from our customized solutions

- **Small size, low power & high performance**
  - System in Package
  - System on Chip
  - Temperature range 175°C
- **System cost**
  - Reduced BOM and associated costs
- **IP protection**
  - Strongest IP protection for your IP and design know-how
- **Reliability:**
  - Automotive grade 0
  - Functional safety

## Application examples

- **Industrial automation**
  - Industry 4.0 sensors
  - IO Link products
- **Smart buildings**
  - Smart detectors
  - Interface solutions
- **Medical products**
  - Imaging solutions
- **Automotive**
  - Battery management
  - LED Drivers

## Highest quality standards

- **ISO 9001, ISO 13485, ISO 14001, ISO/TS 16949, VDA 6.1 and QS 9000**
- **Sustainability and ESG**
  - By fostering a transparent, responsible and resilient supply chain, we aim to mitigate risks and drive sustainable practices across the entire value chain.
  - ams OSRAM uses 100% green electricity in the Austrian and German production site. The goal is to be carbon neutral by 2030.

[asics@ams-osram.com](mailto:asics@ams-osram.com)  
[ams-osram.com/ASICs](https://ams-osram.com/ASICs)

**ams-OSRAM AG**  
Tobelbader Strasse 30  
8141 Premstaetten, Austria  
Phone +43 3136 500-0  
[ams-osram.com](https://ams-osram.com)