Ams optical modules



Overview

Our high performance LEDs and Photodiodes are integrated into ams OSRAM Optical Front end modules. These are appropriately situated for signal strength with sufficient optical isolation, and are ready to be inserted in products that come into touch with the surface. Carefully selected products from quality suppliers Custom Solutions & Expert Consulting Streamlined Processes &. Dot-matrix LED driver for up to 8x8 matrix or 8x 7-segment, 64 LEDs max. Embedded fault detection: open/short on daisy-chain, over-voltage / -temp. Not sure where to start?

We're here to help you find a custom solution that will meet your individual challenge perfectly! AMS Technologies joins the microEPC – Microelectronics, Electronics and Photonics. ams OSRAM Optical Detectors & Sensors are available at Mouser Electronics. Lamps LED, LED lamps (XLS), Trad.



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Article Content

Aug 13, 2025

ams OSRAM Distributor

ams OSRAM Group is a global leader in intelligent sensors and emitters. The company focuses on innovation across sensing, illumination, and visualization to make journeys safer, medical diagnosis

Jun 15, 2026

CMOS Image Sensors | ams OSRAM

To accelerate our customers'' time-to-market for conceptual prototypes or new product designs, ams OSRAM has established a powerful partner network to

Jan 13, 2026

Electronics

Q1: What types of electronics does AMS Technologies offer? A: The portfolio includes circuit protection components, drivers and controllers, electromechanical

Jun 19, 2026

Optical Fibers

Product PortfolioOur large portfolio of optical fibers – including specialty fibers – spans from just a few meters of highly engineered fiber to several kilometers of

May 13, 2026

Sensors for IoT, Robotics, and Mobile: ams Optical

Optical imaging sensors are a staple of many modern designs across industries. Here''s an update on some new ams sensors coming down the pipe in

Jun 22, 2026

ams NanEyeM Miniature Camera Modules

NanEyeM is a miniature sized image sensor for vision applications where size is a critical factor. The ability of the camera head to drive a signal through long cables

Jun 15, 2026

Ambient light, color, spectral & proximity sensors

Industry''s broadest portfolio of high-performance and high-sensitivity digital discrete and integrated module optical sensors including ambient light sensors, RGB and

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Jul 08, 2025

AMS Technologies AG, profile with contact details and

This is the supplier profile of AMS Technologies AG, with address and other contact information, and with 36 registered photonics product categories.

Nov 23, 2025

AMS-Osram

ams OSRAM AG is an Austrian semiconductor manufacturer headquartered in Premstätten, Austria with a co-headquarters in Munich, Germany. The company develops and produces intelligent sensors

Jun 25, 2026

ams technologies

We are your European one-stop shop for optical technologies, thermal management, and power electronics. Browse our shop for components and devices that help you make better products.

Jun 01, 2026

Laser Diodes and Modules

Product PortfolioAMS Technologies is a leading supplier of laser diodes and carries an exceptionally broad portfolio of component-style laser diodes as well as laser

Aug 04, 2025

Optical Distance Sensor Modules with Large Field of

New optical distance sensor module TMF8820-1A from AMS Osram offers a wide field of view, now in the Rutronik portfolio.

Jul 03, 2025

Fibers, Fiber Optics

Product PortfolioFibers and fiber optics are an essential part of AMS Technologies'' product range. Our large portfolio of optical fibers – including specialty fibers –

Dec 31, 2025

Technology Overview | ams OSRAM

ams OSRAM''s Laser Excellence highlights European-designed and -manufactured semiconductor laser diodes that power innovation

Apr 28, 2026

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ams OSRAM is a global leader in innovative light and

With its SMARTLED™ Pure 0201, ams OSRAM introduces a new generation of ultra-compact LEDs that bring uniform, elegant light into today''s thinnest device designs.

Sep 08, 2025

Optical modules | ams OSRAM

Unsere Hochleistungs-LEDs und Fotodioden werden in optische Frontend-Module von ams OSRAM integriert. Diese sind entsprechend der Signalstärke mit ausreichender optischer Isolierung

Mar 08, 2026

ams OSRAM Optical Detectors & Sensors – Mouser

Mouser offers inventory, pricing, & datasheets for ams OSRAM Optical Detectors & Sensors.

Sep 10, 2025

Full Service Foundry

Serienerprobte optische Filterlösungen von ams OSRAM mit 100%iger Vor-Ort-Inspektion aller 8"-Substrate bieten optische Filterleistung nach höchstem Standard im Spektralbereich von 200 nm bis

Dec 06, 2025

Optical Technologies

AMS Technologies provides a comprehensive portfolio of optical components and subsystems for industrial, scientific, and OEM applications. Laser systems,

Sep 27, 2025

AMS Technologies

AMS Technologies help you build better products - with comprehensive support in optical technologies, thermal management, and electronics. From standard

Mar 14, 2026

ams OSRAM Product Portfolio

Laser bar designed for singulation into single emitters • @ 976 nm the absorption efficiency of Yb is much higher => pumping with 976 nm requires much less power! Most robust high power ceramic

Mar 05, 2026

Position Sensors | ams OSRAM

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Position sensors Intelligent position sensors from ams OSRAM make your application smarter. ams OSRAM magnetic and inductive sensor ICs deliver best

Jun 18, 2026

Ams OSram launches a new generation of photon

Shanghai, China, February 20, 2025 - AMS OSram (SIX: AMS), a global leader in optical solutions, today announced the launch of two new sensor modules,

May 16, 2026

Sensor Solutions Product Portfolio | ams OSRAM

Our sensor solutions Ambient light, color spectral and proximity sensors Industry''s broadest portfolio of high-performance and high-sensitivity digital discrete and

Aug 03, 2025

Fiber Optic Switches

Product PortfolioAMS Technologies carries a broad range of MEMS-based fiber optic switches in miniature, PCB-mountable, module, benchtop and rackmount form

Nov 10, 2025

ams OSRAM Automotive Sensing Product Portfolio

Wavelength stability and higher power enables higher range Higher number of junctions allows easier driver design Smaller aperture enables higher resolution or smaller optics

Feb 18, 2026

CMOS micro camera module | ams OSRAM

CMOS Micro Camera Module ams OSRAM miniature camera modules bring vision to new places, opening up new opportunities to integrate the module into

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Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://regen-power.co.za
Email: info@regen-power.co.za
Phone: +49 176 845 2036
Address: Taunusanlage 15, 60325 Frankfurt am Main, Germany

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