Suppliers of laser diodes

Overview

Laser Diodes – Buyer's Guide & Supplier List | RP Photonics140 suppliers for laser diodes (LD) are listed in the RP Photonics Buyer's Guide, out of which 1.

Key Takeaways

Top suppliers of high-quality laser diodes include IPG Photonics, KYOCERA SLD Laser, Frankfurt Laser Company, ProPhotonix, and authorized distributors like Mouser Electronics. Leading ManufacturersIPG Photonics Corporation: Specializes in high-performance fiber lasers and diode assemblies with wavelengths from 375 nm to 12 microns, offering custom laser drivers and fiber-coupled configurations for industrial, telecommunications, and scientific applications.

KYOCERA SL

D Laser: A US-based GaN laser company providing laser chips, bars, and modules in wavelengths from 405–520 nm, including multi-watt multimode chips and high-power single-mode lasers. Frankfurt Laser Company: Produces FP, DFB, DBR laser diodes, VCSELs, and QCLs, covering wavelengths from 213 nm to 20 microns and power up to 5600 W, suitable for free-space, fiber-coupled, and mid-IR applications.

Pro

Photonix: Offers a wide range of laser diodes from brands like Osram, Ushio, QSI, and Ondax, with technical support for optimizing applications and immediate shipping options.

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Authorized Distributors

Mouser Electronics: Provides laser diodes from leading manufacturers including ams Osram, KYOCERA AVX, and ROHM Semiconductor, with parametric filtering for wavelength, power, and packaging options.

RPM

C Lasers: Supplies components, OEM modules, and turnkey systems from US and European manufacturers, offering guidance to select the ideal laser solution.

Specialized Applications

Laser diodes from these suppliers are used in: Medical and biomedical devices: Microscopy, flow cytometry, photodynamic therapyIndustrial processing: Welding, cladding, laser material processingTelecommunications and sensing: Fiber-optic networks, LIDAR, optical metrologyScientific research: High-power diode pumping, spectroscopy, and quantum dot lasers.

Selection Tips

When choosing a supplier, consider: Wavelength and power requirementsPackaging type (bare chip, fiber-coupled, or module)Reliability and lifetime specificationsAvailability of technical support and custom solutions These suppliers and distributors provide a broad range of high-quality laser diodes suitable for both standard and specialized applications, ensuring performance, stability, and long-term reliability.

Article Content

Laser Diodes – Buyer''s Guide & Supplier List | RP Photonics

140 suppliers for laser diodes (LD) are listed in the RP Photonics Buyer''s Guide, out of which 16 present their product descriptions and images. Both manufacturers and distributors can be registered.

48 Laser Diode Manufacturers in 2026

This section provides an overview for laser diodes as well as their applications and principles. Also, please take a look at the list of 48 laser diode manufacturers and their company rankings.

Laser Diode Manufacturers

A Laser Diode is a type of semiconductor device that produces coherent light through the process of stimulated emission. The leading manufacturers of Laser Diodes are listed below. Narrow down on

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Laserland Supplier of Laser Diode, Laser Diode Modules, Laser Lens ...

Laserland focuses on laser manufacturing and sales for 10 years. We supply laser diodes, diode laser modules and of various sizes and wavelength, with reasonable prices, excellent quality for customers

Laser Diode Modules | Suppliers

Explore 124 top manufacturers and suppliers of Laser Diode Modules in our comprehensive photonics buyers'' guide. A laser diode module is a compact device that incorporates a laser diode, optics, and

Laser Diodes – Mouser

Laser diodes are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many laser diode manufacturers including ams Osram, KYOCERA AVX,

Laser Diodes by Wavelength

We also offer optoelectronics mounts that directly accommodate many of our laser diode package options. The Laser Diode Selection Guide provides a

Laser Diode Manufacturers & Suppliers | ProPhotonix

High quality laser diode manufacturers including brands like Osram, Ushio, QSI and Ondax. Click to discover more.

Vertical-Cavity Surface-Emitting Lasers (VCSELs) | Suppliers ...

Explore 17 top manufacturers and suppliers of Vertical-Cavity Surface-Emitting Lasers (VCSELs) in our comprehensive photonics buyers'' guide. A vertical-cavity surface-emitting laser (VCSEL) is a type of

price-of-685nm-laser-diode-in-thailand Manufacturer/Producer

All suppliers for price-of-685nm-laser-diode-in-thailand Manufacturer/Producer Find wholesalers and contact them directly B2B martketplace Find companies now!

Distributed Feedback Lasers | Suppliers

A distributed feedback laser is a type of semiconductor laser diode designed to emit coherent, narrow-bandwidth light with precise control over the wavelength. It achieves this through a structure that

san-marino-wholesale-price-of-laser-diode-lpo Manufacturer/Producer

All suppliers for san-marino-wholesale-price-of-laser-diode-lpo Manufacturer/Producer Find wholesalers and contact them directly B2B martketplace Find companies now!

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San marino wholesale price of laser diode lpo Germany

All Companies and suppliers for san-marino-wholesale-price-of-laser-diode-lpo Find wholesalers and contact them directly Leading B2B martketplace Find companies now!

Future of Fiber Delivered Direct Diode Lasers Market: What ...

The Fiber Delivered Direct Diode Lasers Market prioritizes cost control and efficiency enhancement. Additionally, the reports cover both the demand and supply sides of the market.

OEM Laser Modules – Buyer''s Guide & Supplier List

This buyer''s guide for OEM laser modules provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

Laser Diode Characteristics, Precautions for Use and Drive Circuit ...

Laser diodes (LD) are semiconductor devices that convert electrical energy into high-power optical energy. These devices are currently used in the fields of telecommunications and

DFB Laser Diodes, Distributed Feedback Lasers | Innolume

DFB laser diodes from Innolume deliver narrow linewidth, high wavelength stability and custom wavelengths across 780–1350 nm.

980nm 600mW pump laser diode Manufacturers

Customized 980nm 600mW pump laser diode with cheap price or low price can be bought from our factory called Box Optronics which is one of the manufacturers and suppliers in China. Our 980nm

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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