

Infrared Laser Diode Module Manufacturer



AI Overview

Top manufacturers of infrared laser diode modules include ProPhotonix, ROHM Semiconductor, US-Lasers, and Frankfurt Laser Company, offering a range of wavelengths, power levels, and customizable solutions.

Leading Manufacturers

ProPhotonix (Massachusetts, USA) produces a wide range of infrared laser diode modules suitable for industrial, medical, and scientific applications. Their modules are configurable, offering various optical options, power levels, and form factors to match specific application needs . ROHM Semiconductor provides infrared laser diodes in wavelengths such as 780nm, 820nm, 840nm, 850nm, and 940nm. These diodes are used in motion sensors, 3D depth sensing, laser printers, optical disk pickups, and emerging applications like VR/AR and robotics . US-Lasers, Inc. manufactures both visible and infrared laser modules ranging from low power (5mW) to high power (200mW). They offer OEM and R&D support, including wavelength sorting, custom design, and consulting services. They also distribute laser diodes from major brands like Samsung, Hitachi, Toshiba, and Sanyo . Frankfurt Laser Company (Germany) specializes in FP, DFB, and DBR laser diodes, superluminescent diodes, and laser modules. Their products serve telecommunications, medical, industrial, entertainment, and optical sensing applications .

Key Considerations...

Article Content

Jan 25, 2026

Infrared Laser Diodes

ROHM's infrared laser diodes support high-speed modulation for transmitting large amounts of information.

Jun 27, 2026

Laser Module

Egismos is a high quality laser modules manufacturer who provides laser diode modules and laser based solutions (red, blue, green,

Aug 14, 2025

Infrared laser diode module

Find your infrared laser diode module easily amongst the 7 products from the leading brands (Delta Lasers, Omicron, Edinburgh

Dec 04, 2025

LASER DIODE SOURCE

HIGH POWER LASER DIODE BASICS | HIGH POWER LASER DIODE PRICE GUIDE. High power laser

Apr 13, 2026

Lasers By Color / Wavelength - Power Technology, Inc.

Blue Laser Diode Modules Power Technology, Inc has been manufacturing, designing, and distributing blue laser diode modules for

Sep 30, 2025

Amazon : Ir Laser Diode

5pcs Mini Dot Infrared IR Laser Diode Module 780nm 3mw w/Built-in Driver 6x10mm
Save 10% on 2 select item (s) Add to cart

Aug 10, 2025

Infrared Laser Diodes

Infrared Laser Diodes ROHM Semiconductor's infrared laser diodes offer high-speed readings of ultra-fine signals

Nov 16, 2025

Infrared (IR) Laser Diode Modules

IR laser modules are available at a range of power levels and with a number of optical options. See the

Apr 14, 2026

IR Lasers (EEL) product types

ams OSRAM offers a wide range of near infrared (NIR) edge-emitting laser diodes for short pulse and high power CW operation for

Jun 12, 2026

Intense IR Diode Laser Components | Intenseco

Intense High Power Infra-Red Laser Diode Products High power, high brightness laser diode components and modules for the

Jul 31, 2025

Infrared Laser Diodes

ROHM offers infrared laser diodes not only in the 780nm wavelength, but the 800nm band (820nm/840nm/850nm) as well which is

Nov 18, 2025

Laser Diodes by Wavelength

Laser diodes, which are capable of converting electrical current into light, are available from Thorlabs with

Nov 02, 2025

Laser Diodes | Components to Systems | UV-LWIR | Shop | RPMC

A Laser Diode or semiconductor laser is the simplest form of Solid-State Laser. Laser diodes are commonly referred to as edge

Mar 02, 2026

808nm Infrared Laser Diode Module

Diode 808nm infrared laser module integrates ultra fine laser diode, optic lens, constant current driving

Jun 06, 2026

Laser Diode Modules | CW & LD Modules | UV-LWIR | Shop RPMC

Our CW laser diode (LD) modules include the laser diode with the thermal management and electrical interface in a simple and easy

Dec 13, 2025

Diode Lasers, Semiconductor Lasers, and Laser Array

High power, high brightness laser diode components and modules for the infrared spectrum. Intense

Mar 11, 2026

Intense IR Diode Laser Components | Intenseco

High power, high brightness laser diode components and modules for the infrared spectrum. Intense delivers high-level

Dec 10, 2025

Laser Diodes, Modules | Optoelectronics | DigiKey

Laser Diodes, Modules Laser Diodes and Modules are semiconductor devices that can emit a beam of high intensity focused

Jun 22, 2026

Laser Diodes and Pump Modules

Whether it is diodes for extremely high reliability applications such as LiDAR pumping or high-power pump modules for industrial and

Jan 26, 2026

US-Lasers

Standard Modules can be made with our exclusive thermal cut-off APC. This feature enables a laser

Dec 02, 2025

U.S.Lasers

US-Lasers, Inc. manufactures laser diodes, laser modules and laser products. Visible and infrared Laser Modules High and Low

Contact Us

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

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

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