

Optical module PCB manufacturer



AI Overview

Key PCB manufacturers for optical modules include Innolight, Eoptolink, and South-Electronic, known for their high-performance PCBs tailored for optical communication applications. Notable PCB Manufacturers

Innolight: A global leader in datacom optical modules, Innolight specializes in high-end optical communication modules and devices, integrating R&D, design, packaging, testing, and sales.

Eoptolink: This company is recognized for its optical transceiver products and is involved in the manufacturing of PCBs that support optical modules.

South-Electronic Co., Ltd.: Founded in 2001, South-Electronic is a leading PCB manufacturer in China, focusing on high-performance, multi-layer, flexible, and HDI PCBs, particularly for optical communication applications.

TTM Technologies: A global leader in printed circuit boards, TTM Technologies manufactures high-quality PCBs for various industries, including optical systems, ensuring precision and high-performance transmission capabilities.

Unimicron Technology: Known for its expertise in advanced multi-layer PCBs, Unimicron provides critical PCB solutions for optical communications and fiber optic systems, focusing on high-speed, low-loss transmission.

Conclusion These manufacturers are at the forefront of producing PCBs specifically designed for optical modules, catering to the growing demand for high-speed data transmission in modern communication systems. When selecting a PCB manufacturer, consider their specialization in optical applications, quality control standards, and technological capabilities to ensure they meet your project requirements.

Article Content

Key Drivers of Module Optical Inspection Equipment Market ...

Module Optical Inspection Equipment refers to advanced technological systems used to assess the quality and integrity of various components and modules in manufacturing processes,

optical module pcb

Optical module PCBs are mainly used in high-speed communication fields such as optical fiber modules, 5G, and large data centers. Optical modules are assembled from optical chips

Optical Module ENEPIG PCB High Speed Gold Finish Board for 400G

as a verified manufacturer on alibaba PCBsync is dedicated to providing superior quality and exceptional service to our global clients every optical module pcb undergoes strict quality control

PerkinElmer | Science with Purpose

Project Farma, PerkinElmer's patient-focused life sciences consulting firm dedicated to accelerating manufacturing for life-changing therapies, today announced its Gold Tier Certified Partner status with

Semiconductor & System Solutions | Infineon Technologies

Infineon Semiconductor & System Solutions - MCUs, sensors, automotive & power management ICs, memories, USB, Bluetooth, WiFi, LED drivers, radiation h

KB Raises FR4 Copper Clad Laminates 15% June 2026

KB's production priority goes to AI computing, optical module and automotive high-end materials, which squeezes output of general FR4 laminates.

Global logistics for optics: 2026 Lead times & Risks

Discover how 2026 global logistics for optics and DSP lead times impact 800G data center deployments. Learn to troubleshoot PAM4, FEC, and CMIS failures.

PCB Prototype & PCB Fabrication Manufacturer

An industry-leading PCB prototype manufacturer, we specialize in offering 24-hour quick-turn PCB prototypes, comprehensive PCB assembly services, and dependable small-batch PCB production

PCB Assembly Manufacturing Platform | MacroFab

Go from design to ordering PCB assemblies in minutes. Fix problems, get design feedback, and scale instantly with the power of the most advanced AI platform for PCB assembly.

Printed circuit board

Printed circuit board manufacturing involves manufacturing bare printed circuit boards and then populating them with electronic components. In large-scale board manufacturing, multiple PCBs are

Powering AI: The Semiconductor Ecosystem at the Foundation of

Establishing standard protocols for optical communication is crucial for building a supply chain that ecosystem partners can readily access. Standard components, such as laser modules (light sources

Economic Watch: From optical modules to chips -

Huagong Tech, an optical module manufacturer based in central China's Wuhan, launched the world's first 12.8-terabit XPO module in March, bundling the capacity of eight 1.6T modules into a

Custom Optical PCB Manufacturing | High-Speed

We offers high-performance optical PCB solutions with hybrid optical-electrical integration and 1-20 layer precision, widely used in 5G base stations, medical

What is Optical PCB?

This article delves into the intricacies of PCB optical modules, discussing their applications, technical requirements, distinct characteristics, and key process controls.

Pemtron AOI Systems for Zero-Defect Electronics Manufacturing

□□ Next-Generation Inspection Excellence with Pemtron AOI Systems In today's advanced electronics manufacturing landscape, ensuring zero-defect production is no longer an option — it is a ...

Optical Module Printed Circuit Board

Optical module printed circuit boards serve as the pivotal platform for achieving electro-optical signal conversion, occupying a crucial position within high-speed communications and data centre domains.

OLIMEX LTD

SLD-PCB-HOLDER+ is PCB holder with 360 degree rotation, it's very convenient when you solder PCBs to have your both hands free. The holder has build in soldering iron stand.

10 companies in the optical transceiver industry chain 2024

To help you choose the best partner, this article will analyze and introduce 10 companies in the optical transceiver industry chain for you.

Optical Module PCB | APTPCB

A comprehensive guide to Optical Module PCB design and manufacturing. Learn definitions, key metrics, selection trade-offs, and validation steps for high-speed transceivers.

Home | Hamamatsu Photonics

The official website of Hamamatsu Corporation whose mission is to advance science and industry through photonic technologies. Our products include optical sensors and components, cameras, light

AT& S Empowers High-Speed Optical Module PCB

Together with globally renowned optical module manufacturers, find out how AT& S is empowering high-speed Optical Module PCB manufacturing to

SHIMADZU CORPORATION

Since 1875, Shimadzu is pursuing leading-edge science and technologies in analytical and measuring instruments including chromatographs and mass

Industrial digital micromirror devices (DMDs) | TI

Our DLP® digital micromirror devices (DMDs) deliver fast, precise and programmable light modulation for a wide range of industrial applications. Built for reliability and high optical throughput, DLP

Optical Module PCB: The Ultimate Guide to Design, Fabrication, and ...

It will explore the complete product lifecycle, from design principles and advanced material selection to the intricacies of precision fabrication, electro-optical assembly, and quality validation.

OSFP Transceivers: High-Density Optical Connectivity from 400G to

As hyperscale data centers shift toward AI-optimized fabrics and ultra-high-bandwidth switching platforms, the OSFP (Octal Small Form-Factor Pluggable) form factor has become central

Telecom & 5G PCB Manufacturer | Base Station, RF, Optical

Telecom and 5G PCBs: base stations, RF front-ends, optical modules, satellite comms. Rogers/PTFE low-loss laminates, controlled impedance, mmWave. No MOQ.

Optical Module PCB

Optical Module PCB refers to the printed circuit board (PCB) used within optical modules. It serves to mount components such as optoelectronic chips, driver circuits, and control chips, enabling high

Contact Us

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

Website: <https://adikor.eu>

Email: info@adikor.eu

Phone: +33 6 48 37 92 15

Address: 12 Rue de la Paix, 75002 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

