

# Optical Module Circuit Board Supplier



## Article Overview

Leading manufacturers of optical module PCBs include iPCB, Venture, Fraunhofer IZM, and major Chinese suppliers like Accelink, Eoptolink, and TFC.

### Key Manufacturers and Capabilities

iPCB specializes in high-frequency optical module PCB design and manufacturing, offering comprehensive technical consultation from substrate selection to laminate design. They focus on impedance control, thermal management, and high-speed signal integrity, supporting SFP, SFP+, QSFP+, and other optical module formats . Venture Manufacturing provides high-precision optical PCBs with hybrid optical-electrical integration, supporting 1–20 layer designs. They serve industries including 5G base stations, medical devices, and industrial inspection, offering ISO 13485 and IATF 16949 certifications, turnkey SMT assembly, and strict quality control with AOI inspection and batch traceability . Fraunhofer IZM develops electro-optical circuit boards (EOCB) integrating optical waveguides in thin glass panels. Their technology enables high-density optical interconnects for telecommunications, photonic packaging, and quantum technology applications, emphasizing mechanical stability and precise optical routing . Chinese Industry Leaders include:

- **Accelink Technologies:** Offers full industry-chain solutions from chips to modules and subsystems, with expertise in silicon photonics, III-V, and planar optical waveguides, focusing on high-speed optical modules and packaging technologies .
- **Eoptolink Technology:** Specializes in high-speed point-to-point and PON optical modules, providing advanced optical communication solutions .

## Article Content

### Top 10 Optical Module Brand & Manufacturers

Find the Top 10 Optical Module brand, manufacturers, and exporters. Get the contact details and addresses of companies producing

ams OSRAM is a global leader in innovative light and sensor solutions ...

We inspire with innovative light and sensor solutions, leveraging our passion, unique technologies, and extensive experience to

### Key Technology of Optical Module PCB

What is Optical Module PCB? It consists of a photoelectric converter, driver circuit, receiver circuit, and control circuit.

### Custom Optical PCB & PCBA Service

High-quality Optical PCB fabrication & PCBA assembly services. Specialized in optoelectronics, low-loss materials, and advanced

### Optical Components and Modules

Everything you need to build an optical network from end-to-end. Thin-film filter and PLC based AWG for multiplexing, a full suite of

### 4G optical module PCB

4G optical module PCB circuit boards are widely used in optical fiber communications and other fields. The optical module PCB is

### Fibre-Optical Module PCB

Fibre-Optical Module PCB The optical fiber module is an electronic component used for photoelectric conversion. Simply put, optical

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### PCB Assembly Manufacturing Platform | MacroFab

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

Developing next-generation optical modules requires more than a supplier; it demands a true engineering partner. At JarnisTech,

### Optical module HDI PCB

An optical module is an optoelectronic device that performs photoelectric and electro-optical conversion. The sending end of the

### Optical Module PCB | APTPCB

**Key Takeaways Definition:** An Optical Module PCB is the internal circuit board of a transceiver (like SFP, QSFP, or OSFP)

### Optical Module PCB

The optical module PCB is pcb within the optical module that carries components, enables high-speed signal transmission, and

## Contact Us

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

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