



Dedicated IC for Optical Modules

Transmitter/receiver photo ICs for optical link are devices for POF optical communication. The transmitter photo IC combines a red LED and a drive IC. The receiver photo IC monolithically ...

For our optical component and module customers, this highly differentiated set of products provides a unique roadmap that improves performance and reliability, while simplifying design, lowering costs ...

All-Optical Photonic ICs Designed for Scale Highly integrated photonic integrated circuit chips designed for transceiver pluggable and co-packaged optics. Built for power and bandwidth efficient optical ...

This article explores MPS optical module solutions to meet the design requirements of high-speed optical communication as well as different laser diode applications.

Custom Optical ICs & Modules EOSPACE has delivered many custom integrated optical circuits and modules for commercial and DoD applications Examples (call for custom requirements): A dual 4-bit ...

Our lineup includes filter type spectroscopic modules (C13398 series) specialized for signal detection of many known wavelengths, and spectroscopic modules with light sources (C16028 series) that make ...

The MP5490 is a fully integrated power management integrated circuit (PMIC) specifically designed for transmitter optical sub-assemblies (TOSA) in optical modules, developed by ...

Build high-performance and power-efficient optical modules for wireless, data center and communication applications with our optical networking ICs. Our products simplify designs by integrating ...

Semtech designs the industry's most innovative optical, analog and mixed-signal semiconductor solutions to serve the rising global demand for high-speed data transmission products. Semtech is ...

View the TI Optical module block diagram, product recommendations, reference designs and start designing.



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