Q1 optical module



Overview

The OPT4001-Q1 is designed for systems that require light level detection to enhance user experience and typically replaces low accuracy photodiodes, photo-resistors, and other ambient light sensors with underwhelming human eye matching and near infrared rejection. The OPT4001-Q1 is a light-to-digital sensor (single-chip lux meter) that measures the intensity of visible light. To measure accurate light intensity, a specially engineered filter on the device tightly matches the photopic response of the human eye and rejects the near-infrared component from. Q1 is compact, energy-eficient, diode pumped, air-cooled, Q-switched laser designed for wide range of applications that require high peak power pulses. Laser can produce up to 40 mJ at 10 Hz pulse repetition rate or up to 10 mJ at 50 Hz pulse repetition rate. Low divergence of laser beam allows. Nokia Corporation Interim Report for Q1 2026 Solid start to the year with strong growth in Optical Networks Q1 comparable net sales grew 4% y-o-y on a constant currency and portfolio basis (+2% reported). Management raised its enterprise data growth “floor” to about 85% year-over-year based on extended ordering. This fully featured OTDR with tablet-inspired design combines singlemode and multimode fiber testing in a dedicated and compact quad unit to allow everyday field testing in access networks, data centers and private enterprise networks. The MaxTester 720C (MAX-720C) provides first-time-right fiber.

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Article Content

OPT4001-Q1 High-Speed, High-Precision, Digital Ambient Light Sensor

The OPT4001-Q1 is designed for systems that require light level detection to enhance user experience and typically replaces low-accuracy photodiodes, photoresistors, and other ambient light sensors

OPT4001-Q1 Automotive High-Speed, High-Precision, Digital Ambient

The OPT4001-Q1 is designed for systems that require light level detection to enhance user experience and typically replaces low accuracy photodiodes, photo-resistors, and other ambient light sensors

Q1 series

Q1 is compact, energy-eficient, diode pumped, air-cooled, Q-switched laser designed for wide range of applications that require high peak power pulses. Laser can produce up to 40 mJ at 10 Hz pulse

Nokia Corporation Interim Report for Q1 2026

Nokia CorporationInterim report23 April 2026 at 08:00 EESTNokia Corporation Interim Report for Q1 2026Solid start to the year with strong growth

Monolithic Power Systems Q1 Earnings Call Highlights

MPS reported record Q1 revenue of $804 million, up 7% sequentially and 26% year-over-year, driven by a 33% sequential surge in the communications end market (optical

EXFO MAX-720C-Q1-QUAD-XX | MAX-720C, QUAD OTDR Module

This fully featured OTDR with tablet-inspired design combines singlemode and multimode fiber testing in a dedicated and compact quad unit to allow everyday field testing in access networks, data centers

OPT4001/OPT4001-Q1 Digital Ambient Light Sensor

The OPT4001/OPT4001-Q1 is a single-chip lux meter capable of accurately measuring the intensity of light seen by the human eye regardless of the light source.

Z-Laser ZQ1 High Power Machine Vision Laser Diode

Z-Laser ZQ1 High Power Machine Vision Laser Diode Modules feature robotic aligned optics for even-intensity line generation with up to 1700mW of output

Marvell (MRVL) Q1 2027 Earnings Transcript | The Motley Fool

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Marvell (MRVL) Q1 2027 Earnings Transcript Date May 27, 2026 Call participants President and Chief Executive Officer — Matthew J. Murphy Chief Financial Officer — Willem A.

OPT4003-Q1 Automotive High-Speed, High-Precision, Digital

The OPT4003-Q1 is a dual-channel, light-to-digital sensor (single-chip lux meter and NIR power meter) that independently measures the intensity of visible and near infrared (NIR) light.

400G Optical Modules Explained: SR4 Vs. DR4 Vs.

Key differences between SR4, DR4, FR4, and LR4 400G optical modules. Expert advice from Asterfusion engineers to optimize your data center

Yole Group

Yole Group - Access daily business, market & technology updates in the semiconductor industry, our Analysts'' Analysis and Presentations and more

Investor Relations | Applied Optoelectronics, Inc.

The Investor Relations website contains information about Applied Optoelectronics, Inc.''s business for stockholders, potential investors, and financial analysts.

POET Technologies Reports First Quarter 2026 Financial Results

--POET Technologies Inc., the designer and developer of Photonic Integrated Circuits, light sources and optical modules for the AI and data center markets, today reported its unaudited

EG Industries Secures RM950 Million Optical Module Supply Contract

EG Industries Berhad has secured a major new order worth US$241.6 million (RM950 million)for high-speed 800G optical modules and wireless access-related products through its wholly

2026 Market Outlook: SK hynix''s HBM to Fuel AI Memory Boom

In its 2026 semiconductor market outlook, SK hynix forecasts that demand for its HBM3E and HBM4 products will fuel the AI memory supercycle.

SHIMADZU CORPORATION

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

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