

Does the original manufacturer offer pulse high beam modules



Article Overview

Yes, original manufacturers (OEMs) do offer pulse high beam modules with configurable pulse parameters and integration options.

OEM Pulse Laser Modules

Original equipment manufacturers provide pulsed laser modules designed for integration into larger systems, such as LiDAR, industrial inspection, and biomedical imaging. These modules often include laser diodes, diode-pumped solid-state lasers, or other laser types, with additional optical elements for beam shaping and frequency conversion if needed. OEM modules are typically supplied with well-defined electrical and optical interfaces to simplify integration and ensure long-term availability for system developers.

Key Features

- **Adjustable Pulse Parameters:** Many OEM modules allow users to control pulse width, repetition frequency, and peak power, either via factory presets or external signals.
- **High Beam Quality:** Modules are designed to deliver high power with precise beam profiles, suitable for demanding applications like 3D scanning, stroboscopic imaging, or material processing.
- **Customization Options:** Manufacturers often provide custom wavelengths, pulse durations, and beam shaping to meet specific application requirements.
- **Compact and Robust Design:** Modules are available in compact housings with inte...

Article Content

Pulse® Braking Technology

Pulse® Braking Technology SAFER BRAKING TECHNOLOGY Pulse® is the rear-end collision deterrent that rapidly pulses your

Electronic Components Distributor

Electronic components distributor with a huge selection in stock and ready to ship with no minimum orders. New electronic parts

Pulsed Laser Diode Modules

Pulsed laser diodes (PLDs) are available in the wavelengths 850 nm, 905 nm and 1550 nm. All of our PLDs are developed and

Dual Beam vs Single Beam: What's the Key Difference?

Still, many car owners are left wondering: What's the difference between single and dual

Laser Diode Modules – diode laser, beam shaping, cooler, ESD

They are compatible with our high speed nanosecond pulsed drivers or high power CW drivers with air cooling for the multimode high

CAN Bus module for high beam

With modern headlights with LED or xenon technology, it is often difficult or impossible to pick up a control signal for the high beam.

Pulse® Installation Guide For Sales Representatives

Pulse is a small electronic module that connects to the wiring for the OEM third brake light (aka center high mount stop

What Are Automatic High Beams?

Automatic high beams are a feature of modern vehicles' headlight systems. Here's how they

High-Performance Pulsed Diode Lasers for Advanced Applications

Explore high-performance pulsed laser modules for defense, aerospace, lithography, metrology, and advanced research. Designed

TruPulse nano

TruPulse nano lasers are highly flexible laser modules with a wide range of configuration options - from beam quality, pulse

CANM8 CANNECT High Beam Output Interface

The CANM8 CANNECT HIGHBEAM is an ideal solution for vehicles which require the installation of additional driving lights (via a

The Ins and Outs of Working on Automatic High Beams

More original equipment manufacturers are incorporating automatic high beam systems as a safety feature in vehicles.

Bi-Beam LED Headlights Buyer's Guide 2026: How to Choose

2.3. Integrated All-in-One Bi-Beam Modules (Factory-style replacement) These complete units include the lens, LED

Active electronically scanned array

The Eurofighter Typhoon combat aircraft with its nose fairing removed, revealing its Euroradar CAPTOR AESA radar antenna An

The Next Step — Pure Laser High-Beam for Front Lighting

In 2014, Osram introduced their “Laser Activated Remote Phosphor” technology (Larp) for the first time for modules

Should I uninstall the 3rd brake light "pulse" feature on my car?

Just bought a used car where the dealer had pre-installed the "Pulse rear collision avoidance system". This is the feature that, upon

Pulsed Lasers Manufacturers and Suppliers in the USA and Canada

Manufacturer of semiconductor, pulsed, high power, fiber-coupled and diode pumped solid state (DPSS) lasers.

Pulse High Beam Kit Pol

Activates High current relay when High Beams are turned on, used to add large light bars and driving lights without having to install

High-Performance Pulsed Diode Lasers for Advanced Defense,

This method achieved high-sensitivity detection and eradication of metastatic melanoma cells in vivo, demonstrating the laser's

Pulse Safer Braking Technology | Walser Automotive

Now standard at Walser, Pulse Safer Braking Technology helps reduce rear-end collisions. Learn how it

FLEXPOINT® MVpulseHP Laser Modules

Laser Modules with high peak power and small size The FLEXPOINT ® MVpulseHP laser module provides up to 1000 mW of power

Pulse Protects P

Pulse® is proven in DOT and manufacturer studies to be very effective at getting the attention of distracted drivers and preventing

Pulse Laser Sources for LiDAR | Ferdinand-Braun-Institut

For LiDAR systems, we realize the required laser light sources that generate pulses of only a few

Motorcycle LED Headlight LSK XH1

Design freedom thanks to separated low and high beam modules - all ECE road use approved. Uniform

OEM Laser Modules – interfaces, robust, easy integration

An OEM laser module is a laser source supplied by an original equipment manufacturer (OEM) to another company that integrates it

LAZER CANM8 Duo Speed Pulse and High Beam

Description Description The CanM8 Connect Duo (Speed Pulse & High Beam) Interface is a 2-output CAN

FLEXPOINT® MVpulseHP Laser Modules

With its high light intensity, the FLEXPOINT ® MVpulseHP is the ideal solution for outdoor inspection applications, such as the

Pulse 3rd Brake Light Safety System

A tangible and intuitive safety device, the Pulse rear-end collision avoidance system is inexpensive, easy to install, and highly

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