

Is a laser pointer a diode



Overview

A laser pointer or laser pen is a (typically battery-powered) handheld device that uses a laser diode to emit a narrow low-power visible laser beam (i. coherent light) to highlight something of interest with a small bright colored spot. The beam may be focused with lenses. This. These encapsulated laser diodes are Class IIIa 5mW, with a 650nm red wavelength. You can use these for laser harps, electronic 'trip wires', laser-vision guidance, and more! Simply connect power to the red. A laser diode is a cool component that you can do a lot of fun stuff with, from engraving wood to creating a light show or giving your robot eyes! They range from super cheap (or even free if you can find one in an old CD player!) to more expensive. These photons bounce back and forth between reflective surfaces inside the diode, triggering the stimulated emission.

Article Content

Laser Tree 638nm 100mW Orange-Red Diode Laser Pointer

Product Specifications: LT-X1-638-100mW.pdf Parameters: Model: LT-X1-638-100mW
Wavelength: 638nm Optical Power: 100mW Beam pattern: Point-Shaped Spot
Focusable: Yes Switching Mode:

OEM Custom 660nm Red Laser Module 5mW for Laser Pointer Pen,



OEM Custom 660nm Red Laser Module 5mW for Laser Pointer Pen, Visible Laser Diode for Presentation Pointer No reviews yet Nantong Zhonghe Optoelectronics Co., Ltd. 1 yr

Laser Tree 488nm 60mW Blue Diode Laser Pointer

Product Specifications: LT-X1-488-60mW.pdf Parameters: Model: LT-X1-488-60mW Wavelength: 488nm Optical Power: 60mW Beam pattern: Point-Shaped Spot Focusable: Yes Switching Mode:

Laser Tree 505nm 50mW Green Diode Laser Pointer

Product Specifications: LT-X1-505-50mW.pdf Parameters: Model: LT-X1-505-50mW Wavelength: 505nm Optical Power: 50mW Beam pattern: Point-Shaped Spot Focusable: Yes Switching Mode:

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

