

AI-dedicated Indium Phosphide Photoelectric Module

Learn what artificial intelligence (AI) is and how it works, explore the different types of AI, see examples of AI, and discover the benefits of AI.

InP photonic technology is a critical enabler of AI data center compute capacity growth. Lumentum continues to innovate and be at the forefront of InP photonic technology and is ...

LITE, a leader in optical and photonic solutions, announced significant advancements in indium phosphide (InP) photonic chip technologies aimed at enhancing bandwidth and energy ...

artificial intelligence (AI), the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings.

What is AI, and how does it enable machines to perform tasks requiring human intelligence, like speech recognition and decision-making? AI learns and adapts through new data, integrating into daily life ...

As demand for high-speed, power-efficient optical interconnects rises, Lumentum is positioning its InP platform as a foundation for the next wave of AI data center growth.

In this McKinsey Explainer, we define what AI is, and look at how rapid advances in Artificial Intelligence are reshaping almost every aspect of global society.

Chat with the most advanced AI to explore ideas, solve problems, and learn faster.

Indium phosphide (InP)-based platforms offer monolithic integration of a variety of electro-optic components, e.g., semiconductor optical amplifiers (SOAs) and phase modulators (PMs), with ...

Artificial intelligence (AI) is the capability of computational systems to perform tasks typically associated with human intelligence, such as learning, reasoning, problem-solving, perception, and decision ...

Read about how Lumentum announced new advancements in foundational indium phosphide (InP) photonic chip technologies.

Coherent has established the world's first capability for 6-inch indium phosphide wafer fabrication; its expanded capacity significantly reduces die cost ...

Artificial Intelligence (AI) is a term coined in 1955 by John McCarthy, Stanford's first faculty member in AI,

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who described it as "the science and engineering of making intelligent machines." Today it is a ...

Lumentum's high-bandwidth InP EML will enable next generation power-efficient, high-speed optical interconnects for AI and cloud infrastructure.

Coherent has established the world's first capability for 6-inch indium phosphide wafer fabrication; its expanded capacity significantly reduces die cost for InP devices.

Artificial intelligence (AI) is a set of technologies that empowers computers to learn, reason, and perform a variety of advanced tasks in ways that used to require human intelligence, such as...

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