

# AlterAFPGA and Optical Module Applications

Altera Corp. (NASDAQ: ALTR) says it has successfully demonstrated interoperability between its 28-nm Stratix V GT FPGAs and a 100-Gbps optical module. The company claims this is ...

Altera Corporation and Avago Technologies Inc. have jointly developed a solution that combines an FPGA and optical transmitter and receiver modules into a single integrated solution that can replace ...

Explore the complete guide to Altera FPGA technology, including its architecture, applications, product lines, advantages, challenges, future trends, and practical case studies.

Altera's 116G FPGA transceivers successfully interoperate with Linear Pluggable Optics (LPO) modules. FPGA-based SmartNICs or AI NICs enable programmable acceleration and offloading for AI clusters ...

Complete guide to Altera FPGA technology covering product lines (Agilex, Stratix, Arria, Cyclone), features, PCB design tips, Quartus Prime tools, and real-world applications. Includes comparison ...

In this article, we present architectural and system model-wise development of tactile internet of things for possible industry application realization. We also present key requirements,...

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What's New: Altera, an Intel's Company, today unveiled an array of FPGA hardware, software and development tools that make its programmable solutions more accessible across a ...

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The demonstration shows Altera's Optical FPGA technology on a test board derived from the company's Stratix's IV FPGA 100G development kit, integrated with Avago Technologies' 12-Channel MicroPOD ...

Explore how cutting-edge high-performance FPGAs provide the flexibility, performance, and productivity to support the future of Aerospace, Defense, and Government Systems applications.

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