

FPGA - Field Programmable Gate Array FPGA - Stratix IV E 9120 LABs 488 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-780
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP4SE230F29I4N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP4SE230F29I4N is a part number that corresponds to a specific variant of the Altera/Intel Stratix IV FPGA (Field Programmable Gate Array) family. This FPGA is a programmable logic device that allows designers to implement custom digital logic circuits in hardware.

Features

230,000 logic elements (LEs)

1,288 embedded memory blocks (MBs)

28 high-speed transceiver channels

Support for various high-speed serial protocols (e.g., PCIe, Serial RapidIO, XAUI, etc.)

Built-in digital signal processing (DSP) blocks and hard IP (Intellectual Property) cores for common functions like memory controllers, Ethernet MACs, and PCI Express interfaces

Low power consumption (depending on the configuration and operating conditions)

Application

High-performance computing (HPC) and data center acceleration

Communication and networking equipment (e.g., routers, switches, and wireless base stations)

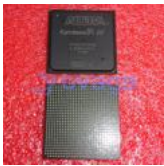
Industrial automation and control systems

Test and measurement instruments

Military and aerospace systems



Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

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BGA-100



[EPM570F256C5N](#)

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FBGA-256



[EPM7128AETC100-10](#)

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TQFP-100



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484