

FPGA - Field Programmable Gate Array FPGA - Stratix IV GX 9120 LABs 744 IOs

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA-1517
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP4SGX230KF40I4 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP4SGX230KF40I4 is a high-performance Field-Programmable Gate Array (FPGA) manufactured by Intel. Here are some of its features:

## Features

The device belongs to the Stratix IV family of FPGAs and has a capacity of 230,160 logic elements (LEs).

It operates on a core voltage of 1.0V and has a maximum speed grade of 4, which means it can operate at up to 400MHz.

It has a range of built-in features such as high-speed transceivers, embedded memory blocks, and digital signal processing (DSP) blocks that make it ideal for high-performance applications.

It also includes various security features, including physical hardening, design security, and data encryption.

## Application

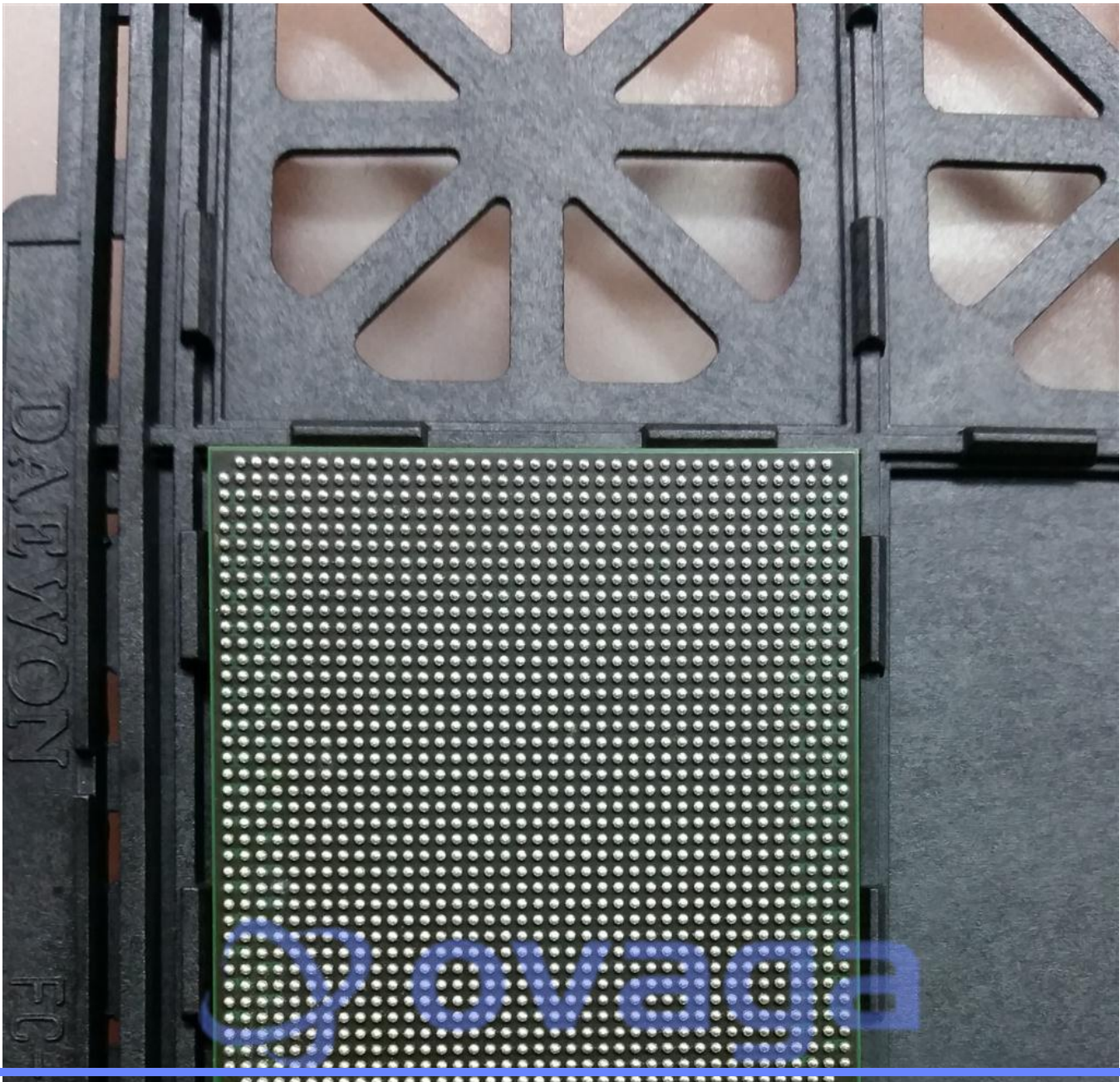
High-performance computing

Aerospace and defense systems

Broadcast and video processing

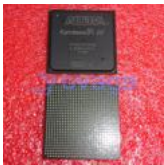
Communications and networking equipment

Medical imaging and diagnostics





**Related Products**



[EP4CE55F29C8N](#)

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FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



[EP2C35F672C8N](#)

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FBGA-672



[EP2C35F484C7N](#)

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FBGA-484



[EPM240M100C5N](#)

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[EPM7128AETC100-10](#)

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FBGA-484