

FPGA - Field Programmable Gate Array FPGA - Stratix II GX 4548 LABs 558 IOs



Images are for reference only

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-1152
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	

Please submit RFQ for EP2SGX90EF1152C5N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2SGX90EF1152C5N is a specific model of FPGA (Field-Programmable Gate Array) manufactured by Intel Corporation. Here are some of its features:

Features

It has 89,408 logic elements (LEs), which are basic building blocks of an FPGA that can be configured to perform different functions.

It has 3,888 embedded memory blocks (MBs), which can be used to store data.

It has 144 digital signal processing (DSP) blocks, which can be used to perform complex mathematical operations.

It has 528 user I/O pins, which can be used to interface with other electronic components.

Application

Digital signal processing

Communications

High-performance computing

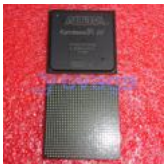
Image and video processing

Aerospace and defense



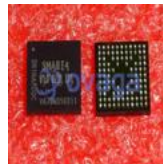


Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



[EPM570F256C5N](#)

Altera Corporation (Intel)
FBGA-256



[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EPM7128AETC100-10](#)

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TQFP-100



[EP2C35F484C7N](#)

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FBGA-484



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484