

FPGA - Field Programmable Gate Array FPGA - Stratix IV GX 21248 LABs 920 IOs

Manufacturers	<u>Altera Corporation (Intel)</u>
Package/Case	FBGA-1932
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP4SGX530NF45I3N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP4SGX530NF45I3N is a product code for an FPGA (Field Programmable Gate Array) chip manufactured by Intel (formerly Altera). It is a member of the Stratix IV family of FPGAs and features 530,000 logic elements and 1,288 embedded multipliers. The "NF45" in the product code indicates that the chip is built on a 45nm manufacturing process.

## Features

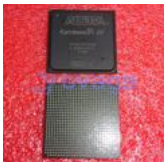
- 530,000 logic elements
- 1,288 embedded multipliers
- 1,548 user I/O pins
- 2.5 Gbps transceivers
- Support for DDR3 memory interfaces
- Hard intellectual property (IP) blocks, including memory controllers and high-speed serial interfaces
- Low power consumption

## Application

- Aerospace and defense
- Communications
- High-performance computing
- Industrial automation
- Medical imaging
- Video and image processing

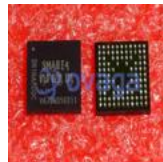


### Related Products



[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](#)

Altera Corporation (Intel)

TQFP-100



[EP2C35F484C7N](#)

Altera Corporation (Intel)

FBGA-484



[EP2C35F484I8N](#)

Altera Corporation (Intel)

FBGA-484