

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

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA-1152
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP2SGX90EF1152C3N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP2SGX90EF1152C3N is an FPGA (Field-Programmable Gate Array) device from the Intel Stratix II family. It has the following features:

### Features

- 90,220 logic elements
- 1,152 embedded memory blocks
- 1,488 user I/O pins
- 784 multipliers (18x18)
- 8 PLLs (phase-locked loops)
- 1.2V core voltage
- 1152-pin FBGA (Fine-Pitch Ball Grid Array) package
- Maximum clock frequency of 540 MHz

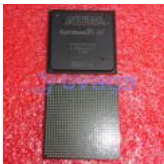
### Application

- Aerospace and defense systems
- High-speed communication systems
- Industrial control and automation
- Medical imaging and diagnostics
- Video processing and broadcasting



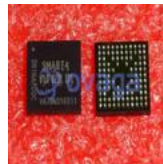


### Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



[EPM240M100C5N](#)

Altera Corporation (Intel)  
BGA-100



[EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



[EPM570F256C5N](#)

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FBGA-256



[EP2C35F672C8N](#)

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FBGA-672



[EPM7128AETC100-10](#)

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TQFP-100



[EP2C35F484C7N](#)

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FBGA-484