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EP2S90F1508I4N

Stratix® II Family 90960 Cells 711.24MHz 90nm (CMOS) Technology 1.2V

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-1508
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for EP2S90F1508I4N or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

EP2S90F1508I4N is an FPGA (Field-Programmable Gate Array) chip from the Altera (now Intel) Stratix II family.

Features

The EP2S90F1508I4N has 89,360 logic elements (LEs) and 4.5 Mb of embedded memory.

It operates with a maximum clock frequency of 625 MHz.

It has 784 user I/O pins, with up to 16 high-speed transceiver channels that support data rates up to 3.125 Gbps.

The FPGA also includes multiple phase-locked loops (PLLs), digital signal processing (DSP) blocks, and embedded multipliers.

Application

High-speed data processing and networking

High-performance computing

Military and aerospace systems

Medical imaging and instrumentation
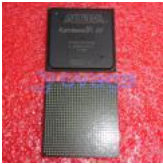
Test and measurement equipment

Industrial automation and control systems

Broadcast and video processing systems

Telecom and wireless infrastructure

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

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EP2C35F484C7N

Altera Corporation (Intel)

FBGA-484

EP2C35F484I8N

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FBGA-484

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