

Field Programmable Gate Array, 4548 CLBs, 717MHz, 90960-Cell, CMOS, PBGA1020, 33 X 33MM, 1MM PITCH, LEAD FREE, FBGA-1020

Manufacturers	<u>Altera Corporation (Intel)</u>
Package/Case	FBGA-1020
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP2S90F1020I4N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2S90F1020I4N is a specific model of Field Programmable Gate Array (FPGA) manufactured by Intel (formerly known as Altera).

Features

EP2S90F1020I4N has a capacity of 89,088 logic elements and 2,012,160 bits of memory.

It operates at a maximum frequency of 600 MHz and has a core voltage of 1.2 V.

The device supports a wide range of I/O standards, including LVDS, PCI Express, and DDR3 memory interfaces.

It also has a variety of built-in intellectual property (IP) cores, such as digital signal processing (DSP) blocks, memory controllers, and high-speed serial transceivers.

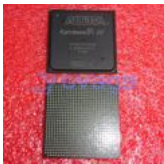
Application

EP2S90F1020I4N is commonly used in applications that require high-performance processing, such as telecommunications, networking, and digital signal processing.

The FPGA is also useful in aerospace and defense, medical imaging, and scientific research due to its high-speed data processing capabilities.

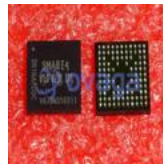


Related Products



[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](#)

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FBGA-672



[EPM7128AETC100-10](#)

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[EP2C35F484C7N](#)

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FBGA-484



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FBGA-484