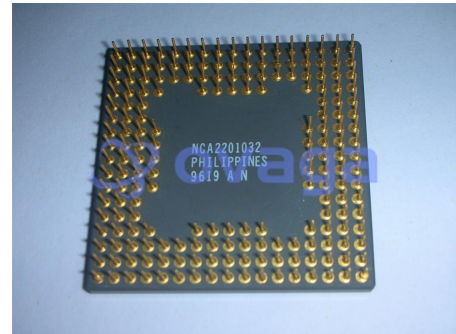


Field Programmable Gate Array FPGA

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	BGA232
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EPF81188AGC232-4 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EPF81188AGC232-4 is a product code for a specific model of a field-programmable gate array (FPGA) manufactured by Intel Corporation (formerly Altera Corporation).

## Features

The EPF81188AGC232-4 is a high-density, low-power FPGA designed for high-performance computing and communications applications.

It contains 1,188,960 logic elements, 59,328 embedded memory blocks, and 3,780 DSP blocks.

It also has a variety of communication interfaces, including up to 44 high-speed transceivers, 640 high-speed I/O pins, and support for a variety of high-speed protocols such as PCIe, DDR3, and QDR II+.

## Application

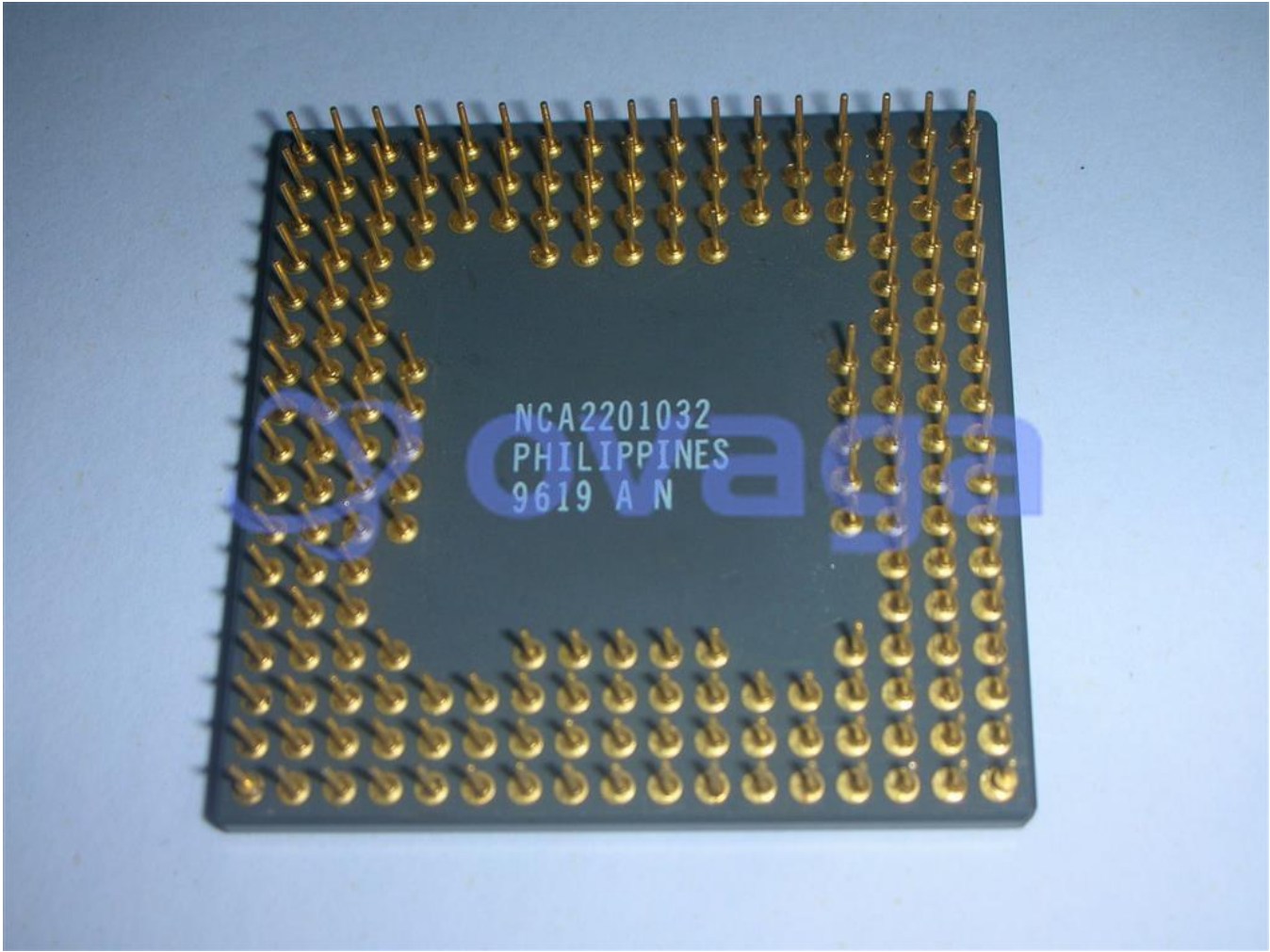
High-performance computing (HPC) and data center applications

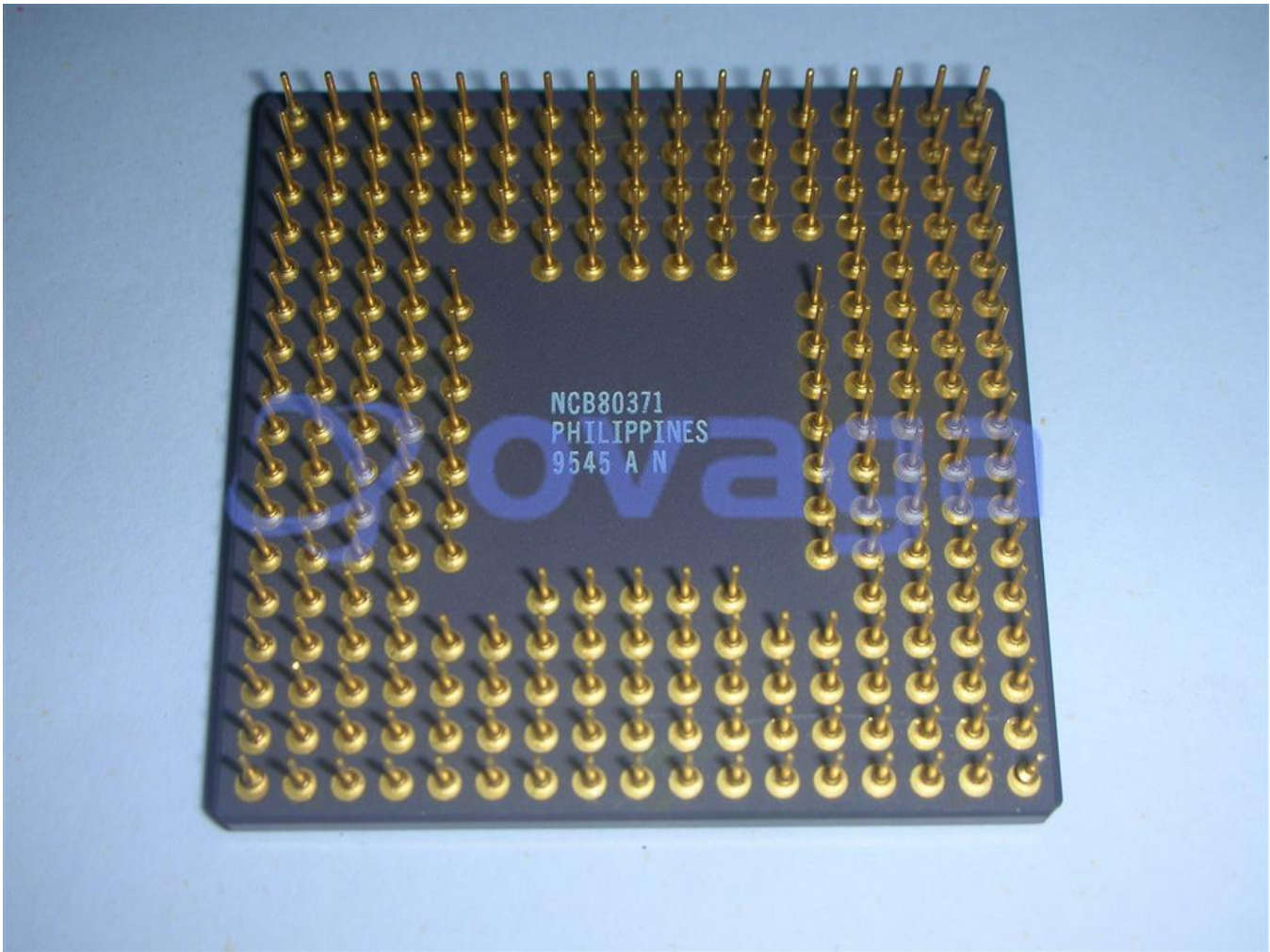
High-speed networking and telecommunications equipment

Military and aerospace systems

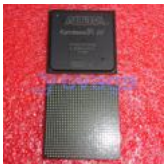
Medical imaging and scientific instrumentation

Video and image processing applications





## Related Products



### [EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



### [EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



### [EP2C35F672C8N](#)

Altera Corporation (Intel)  
FBGA-672



### [EP2C35F484C7N](#)

Altera Corporation (Intel)  
FBGA-484



### [EPM240M100C5N](#)

Altera Corporation (Intel)  
BGA-100



### [EPM570F256C5N](#)

Altera Corporation (Intel)  
FBGA-256



### [EPM7128AETC100-10](#)

Altera Corporation (Intel)  
TQFP-100



### [EP2C35F484I8N](#)

Altera Corporation (Intel)  
FBGA-484