

FPGA APEX 20K Family 1M Gates 38400 Cells 1.8V 1020Pin FC-FBGA

Manufacturers	Altera Corporation (Intel)
Package/Case	BGA-1020
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EPXA10F1020C1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EPXA10F1020C1 is an electronic component, specifically a field-programmable gate array (FPGA) manufactured by Intel (formerly Altera).

Features

It has 1,020,000 logic elements (LEs) and 54,576 kilobits (Kb) of embedded memory.

It has 1,140 user I/O pins and supports various communication protocols such as Ethernet, PCI Express, USB, and DDR3 SDRAM.

It has low power consumption and supports various power management modes.

It is designed for high-performance and high-reliability applications.

Application

It is widely used in telecommunications, networking, and wireless applications.

It is used in industrial automation and control systems, such as motor control and robotics.

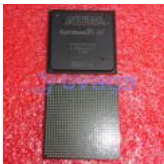
It is used in medical devices and imaging systems.

It is used in defense and aerospace applications.



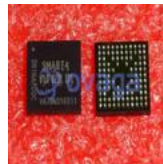


Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM1270T144A5N](#)

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TQFP-144



[EPM570F256C5N](#)

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[EPM7128AETC100-10](#)

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[EP2C35F484C7N](#)

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FBGA-484



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FBGA-484