

Cyclone II Family 18752 Cells 402.58MHz 90nm Technology 1.2V

Manufacturers	Altera Corporation (Intel)
Package/Case	BGA-256
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP2C20F256C8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2C20F256C8N is a model number for a field-programmable gate array (FPGA) chip manufactured by Intel Corporation.

Features

The EP2C20F256C8N has 20,060 logic elements, 624 Kbits of embedded memory, and 266 user I/O pins.

It operates at a maximum frequency of 400 MHz and supports up to 1.2V, 1.5V, and 3.3V power supplies.

It also features a built-in PLL (Phase-Locked Loop) for clock management, and a variety of on-chip interfaces including PCI Express, Gigabit Ethernet, and DDR3 SDRAM.

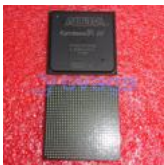
Application

FPGAs like the EP2C20F256C8N are used in a variety of applications, including telecommunications, data centers, medical equipment, military and aerospace systems, industrial automation, and more.

FPGAs are particularly useful in applications that require real-time processing, high-speed data transfer, or custom logic functions that cannot be efficiently implemented using traditional microprocessors.



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



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484