

FPGA Cyclone II Family 8256 Cells 402.58MHz 90nm Technology 1.2V 256Pin FBGA

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



Images are for reference only

Please submit RFQ for EP2C8F256I8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2C8F256I8 is a specific model of Field-Programmable Gate Array (FPGA) developed by Intel (formerly Altera).

Features

The EP2C8F256I8 FPGA has a capacity of 8,400 Logic Elements (LEs).

It has 10 embedded 18 x 18 multipliers and 584 embedded memory blocks (MLABs).

It operates at a maximum clock frequency of 400 MHz.

It also includes built-in PCI Express (PCIe) and DDR3 memory controllers, as well as various communication interfaces such as Ethernet, UART, and SPI.

Application

Digital signal processing (DSP) and image processing

High-performance computing

Network and telecommunications

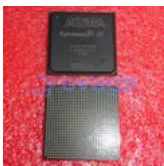
Industrial automation and control

Video and audio processing

Military and aerospace systems



Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



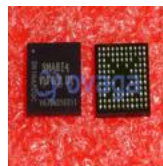
[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EPM240M100C5N](#)

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FBGA-484