

FPGA Cyclone II Family 68416 Cells 402.58MHz 90nm Technology 1.2V 672-Pin FBGA

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA672
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP2C70F672I8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP2C70F672I8N is an FPGA (Field Programmable Gate Array) device from the Cyclone II family of FPGAs, manufactured by Intel (formerly Altera).

### Features

The device has 68,416 logic elements (LEs)

It has 4,608 kilobits (Kbits) of embedded memory

The device has 288 embedded 18 x 18 multipliers

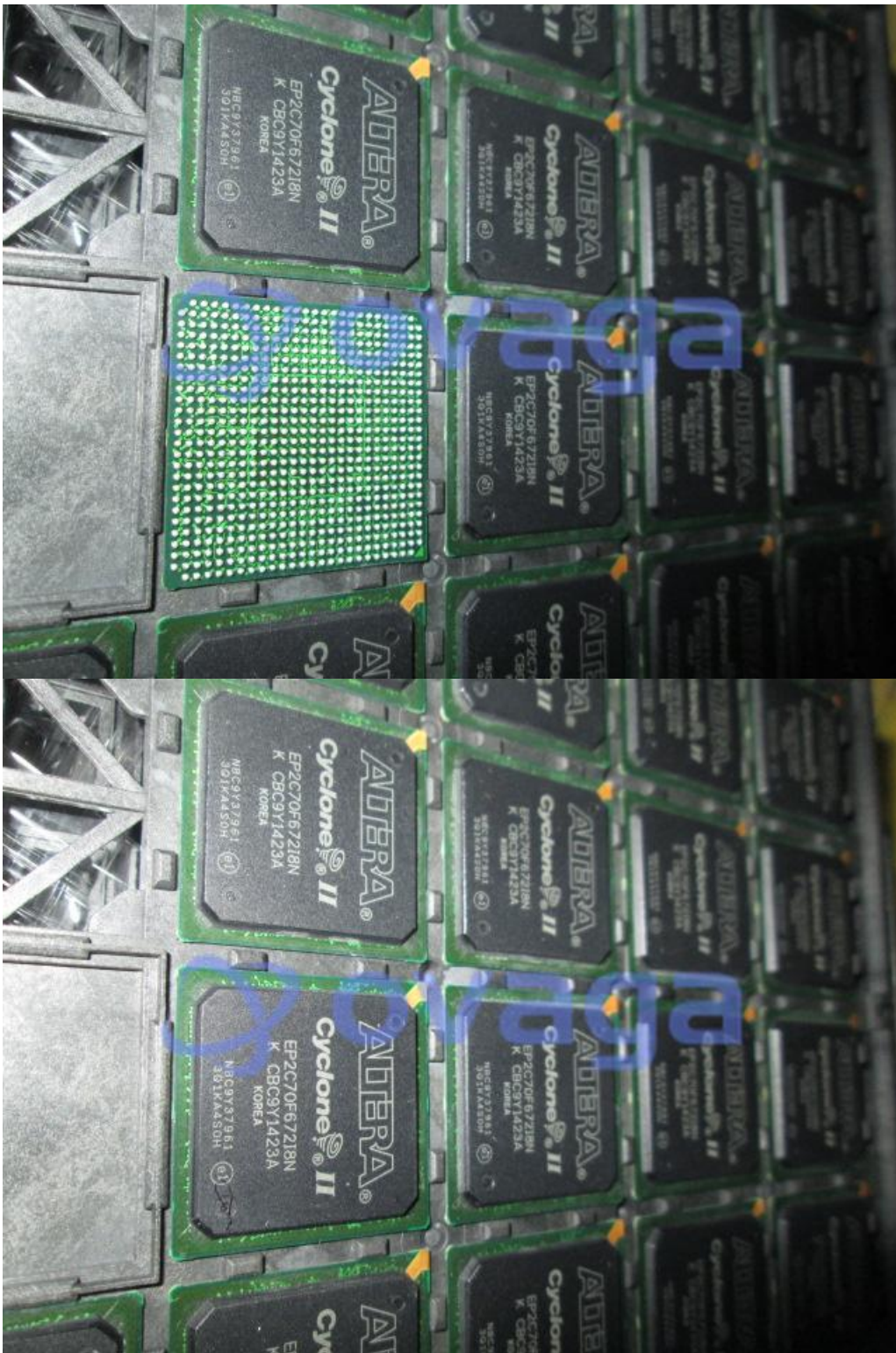
It has 622 user I/O pins

It supports up to 667 megabits per second (Mbps) of DDR2 SDRAM memory

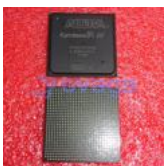
### Application

EP2C70F672I8N is suitable for a wide range of applications, including industrial control, video and image processing, test and measurement equipment, and telecommunications systems.

It can also be used for high-performance computing and DSP (Digital Signal Processing) applications.



## 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