

FPGA - Field Programmable Gate Array FPGA - Cyclone III 963 LABs 346 IOs

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	FBGA-484
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C16F484C6 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP3C16F484C6 refers to an FPGA (Field-Programmable Gate Array) manufactured by Intel (formerly Altera). Let's look at its features, applications, and equivalent parts number list:

### Features

FPGA family: Cyclone III

Package: F484

Number of Logic Elements (LEs):  
16,128

Number of Embedded Multipliers: 72

Maximum User I/O Pins: 317

Operating Voltage: 1.2V

Speed Grade: C6 (indicates the performance/speed rating of the FPGA)

### Application

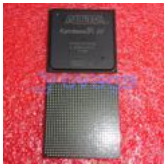
EP3C16F484C6 FPGA is commonly used in a wide range of applications including telecommunications, automotive, industrial control, aerospace, medical, and many other fields.

It can be used for digital signal processing (DSP), image and video processing, motor control, communication protocols implementation, and other high-performance computing tasks.

It is also suitable for rapid prototyping and development of custom digital logic circuits.

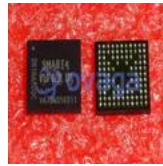


## Related Products



[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