

FPGA, CYCLONE III, 55K LE, 484FBGA Programmable Logic Type:FPGA; Logic IC function:FPGA; Logic IC family:Cyclone III; Logic IC Base Number:3; I/O lines, No. of:327;

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



Images are for reference only

Please submit RFQ for EP3C55F484C8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP3C55F484C8N is a product code for a specific Field Programmable Gate Array (FPGA) device manufactured by Intel (previously known as Altera). It belongs to the Cyclone III family of FPGAs.

## Features

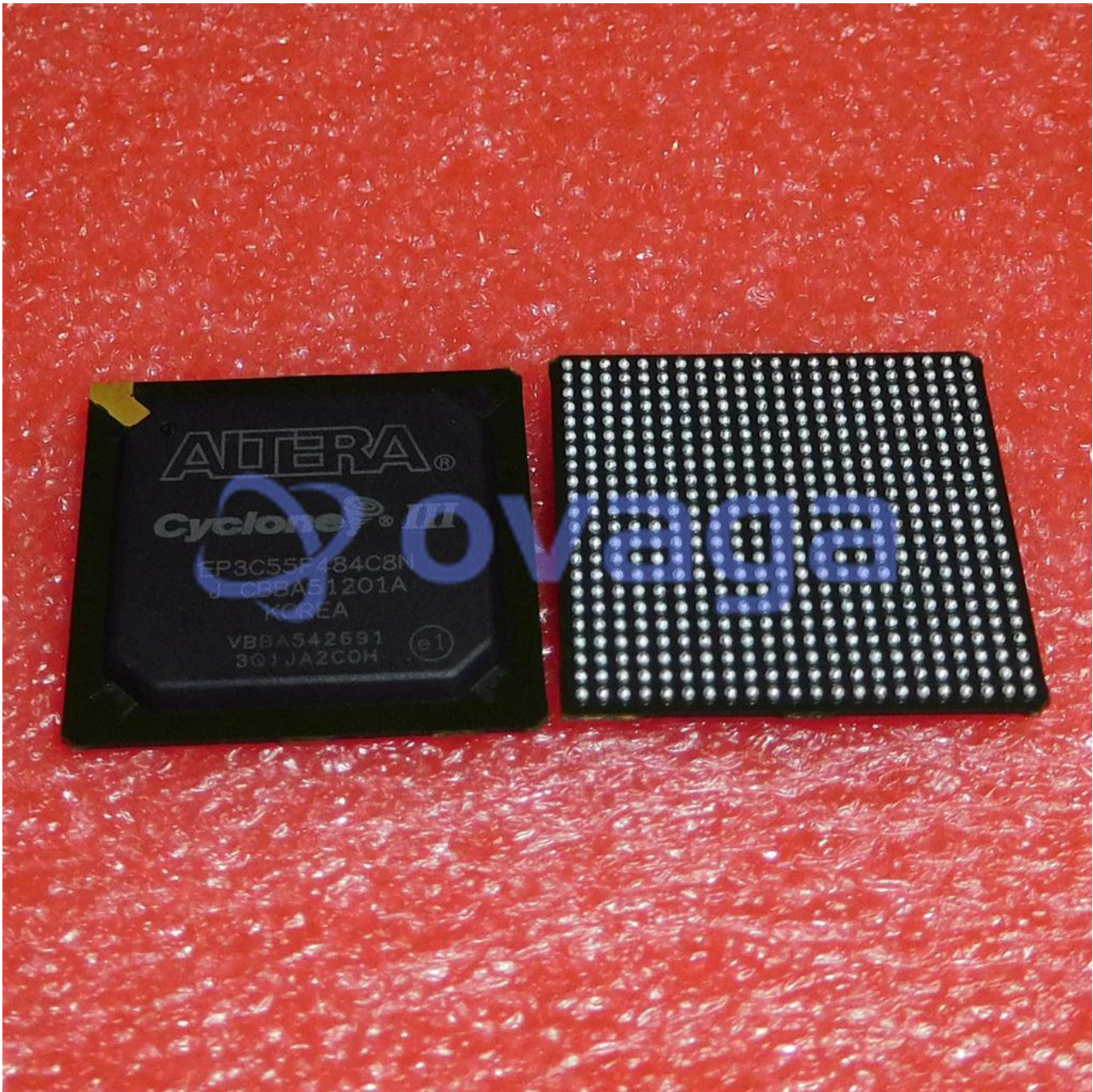
- Contains 55,000 logic elements (LEs)
- Has up to 532 user I/O pins
- Offers up to 1.1 Mbits of embedded memory
- Includes up to 308 multipliers (18 x 18)
- Offers up to 4 PLLs (Phase Locked Loops) for clock management
- Operates at a maximum frequency of 350 MHz
- Uses a 1.2V core voltage

## Application

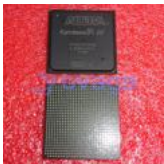
- Digital signal processing
- Video processing
- Wireless communication
- Industrial control
- Robotics
- Medical equipment
- Automotive systems
- Military and aerospace equipment







### 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](#)

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FBGA-484



[EP2C35F484I8N](#)

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FBGA-484