

FPGA Cyclone III Family 39600 Cells 500MHz 65nm Technology 1.2V

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



Images are for reference only

Please submit RFQ for EP3C40F484C6N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP3C40F484C6N is a programmable logic device (PLD) from the Cyclone III family of Field-Programmable Gate Arrays (FPGAs) manufactured by Intel (formerly Altera). It has 40,000 logic elements, 1,536 Kbits of embedded memory, and 266 user I/Os.

## Features

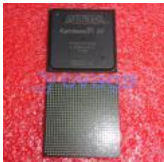
- Low power consumption
- High-speed performance
- Support for various I/O standards, including LVDS, RSDS, and HSTL
- On-chip PLLs for clock management and generation
- Embedded memory blocks and multipliers for implementing complex digital circuits
- Configuration via JTAG or other serial interfaces

## Application

- Digital signal processing (DSP)
- Industrial automation and control systems
- Video and image processing
- Communications systems
- Medical equipment
- Aerospace and defense systems

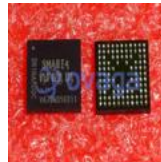


**Related Products**



[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