

FPGA, CYCLONE III, 16K LE, PQFP240; Logic IC family:FPGA; Logic IC Base Number:3; Logic IC function:EP3C16; Voltage, supply:1.20V; Case style:PQFP; I/O lines, No. of:160; IC Generic number:3C16Q240; Logic function number:3C16Q240; RoHS Compliant: Yes

Manufacturers	<u>Altera Corporation (Intel)</u>
Package/Case	PQFP-240
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for EP3C16Q240C8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP3C16Q240C8N is a field-programmable gate array (FPGA) manufactured by Intel (formerly Altera).

Features

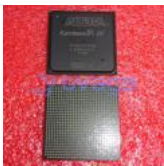
- It has 16,064 logic elements (LEs)
- 576 embedded memory blocks (18 kbits each)
- 84 DSP blocks
- 4 PLLs (phase-locked loops)
- Maximum user I/O pins: 160
- Maximum user differential signal pairs: 80

Application

- Industrial automation
- Medical equipment
- Aerospace and defense
- Communications equipment
- Test and measurement equipment



Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



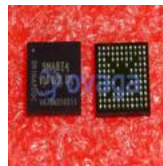
[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM570F256C5N](#)

Altera Corporation (Intel)
FBGA-256



[EPM7128AETC100-10](#)

Altera Corporation (Intel)
TQFP-100



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484