

FPGA Cyclone® Family 5980 Cells 320.1MHz 130nm Technology
1.5V 240-Pin PQFP



Images are for reference only

Manufacturer: [Intel Corp](#)

Package/Case: QFP240

Product Type: Programmable Logic ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Obsolete

[Inquiry](#)

General Description

EP1C6Q240I7N is a field-programmable gate array (FPGA) manufactured by Intel (previously Altera). Here are some of its features:

Key Features

Logic Elements: 6,272

Total Memory: 486,144 bits

Memory Blocks: 36

Maximum User I/Os: 235

Digital Signal Processing Blocks: 4

Application

High-performance computing

Industrial automation and control

Video processing and image recognition

Communications and networking

Aerospace and defense



Recommended For You

EPMB256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC2II32

Intel Corp

QFP

EPM7128STC100-15N

Intel Corp

QFP100

EPCQ128SI16N

Intel Corp

SOP16

EPM7128SLC84-15N

Intel Corp

PLCC

EPC1213PC8

Intel Corp

DIP8

EP1K30TC144-3N

Intel Corp

QFP

EPCS1SI8

Intel Corp

SOP-8

EPC1PI8N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

PLCC

EPF10K50EFC484-2

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BGA