

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



Images are for reference only

[Inquiry](#)

Manufacturer:	Intel Corp
Package/Case:	QFP
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

General Description

EP1C6Q240I7 is a part number for an FPGA (Field Programmable Gate Array) device from Intel (formerly Altera). Here are some of its features:

Key Features

Family: Cyclone
Logic Elements: 6,000
Memory Blocks: 288 Kbits
Maximum User I/O Pins: 217
Clock Networks: 8
PLLs: 2
Multipliers: 18x18
Embedded Memory: 18 Kbits
Package: FBGA-240

Application

Industrial automation
Medical equipment
Automotive systems
Aerospace and defense
Video and image processing
Communications systems



Recommended For You

EPMB256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC2H32

Intel Corp

QFP

EPM7128STC100-15N

Intel Corp

QFP100

EP1C6Q240I7N

Intel Corp

QFP240

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