

FPGA FLEX 10KE Family 50K Gates 2880 Cells 166.67MHz 0.22um
Technology 2.5V 240-Pin PQFP



Images are for reference only

Manufacturer: [Intel Corp](#)

Package/Case: QFP

Product Type: Programmable Logic ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Obsolete

[Inquiry](#)

General Description

EPF10K50EQC240-3N is a field-programmable gate array (FPGA) manufactured by Intel (previously known as Altera).

Key Features

50,000 logic elements

240-pin quad flat package with a 1.27 mm pitch

Three-speed grades (-3, -4, -5) and two temperature grades (C, I)

3.3V core voltage

3.3V or 2.5V I/O standards

Up to 378 user I/O pins

Embedded memory blocks (up to 360 Kbits)

Various on-chip oscillators and PLLs

Built-in JTAG boundary scan test logic

Application

Digital signal processing (DSP)

Networking and telecommunications equipment

Industrial automation and control

Medical and scientific equipment

Military and aerospace 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

EPC21I32

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