

**FPGA FLEX 10K Family 30K Gates 1728 Cells 125MHz 0.42um
Technology 5V 240-Pin RQFP**



Images are for reference only

[Inquiry](#)

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

General Description

The EPF10K30RI240-4 is part of the APEX™ II FPGA family, which is known for its high-performance features and capabilities. This particular FPGA is designed to offer a moderate logic capacity and is suitable for a variety of applications requiring programmable logic.

Key Features

- EPF10K30RI240-4 has 10,000 logic elements (LEs) which are programmable building blocks for digital logic circuits.
- It operates at a speed grade of -4, meaning it has a maximum operating frequency of 240 MHz.
- It has 240 user I/O pins for interfacing with external devices.
- It supports a variety of I/O standards, including LVCMOS, LVTTTL, and differential signaling standards such as LVDS and Differential HSTL.
- It has 288 kilobits of embedded memory, including RAM and ROM blocks.
- It supports various configuration options, including JTAG and Active Serial modes.

Application

- Digital Signal Processing (DSP)
- Communication Systems
- Industrial Automation
- Video and Image Processing
- Embedded 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