

**FPGA FLEX 10K Family 50K Gates 2880 Cells 125MHz 0.42um
Technology 3.3V 240-Pin RQFP**



Images are for reference only

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

[Inquiry](#)

General Description

EPF10K50VRI240-4 is a field-programmable gate array (FPGA) manufactured by Intel (formerly Altera). Here are some of its features:

Key Features

- It has 50,000 logic elements, which are the basic building blocks of the FPGA.
- It has 240 input/output pins, which can be used to connect the FPGA to other components in a circuit.
- It operates at a voltage of 3.3V or 2.5V.
- It has four PLLs (phase-locked loops), which can be used to generate clock signals with precise frequencies.
- It has on-chip memory resources, including embedded memory blocks and FIFOs (first-in, first-out buffers).

Application

- XC2V1000-4FG676C by Xilinx
- LFXP6C-4TN144C by Lattice Semiconductor
- AGL250V2-VQG100 by Microsemi (formerly Actel)
- XC2S100-5FGG256C by Xilinx
- EPM7256AEFC256-7 by Intel (formerly Altera)



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

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