

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



Images are for reference only

[Inquiry](#)

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

General Description

EPF10K50VRC240-3 is a Field-Programmable Gate Array (FPGA) chip manufactured by Intel (formerly Altera). It belongs to the MAX 7000 series and has 50,000 usable gates, 1,920 Logic Elements (LEs), and 36,864 bits of embedded memory. The device is based on the CMOS technology and has a maximum operating frequency of 250 MHz.

Key Features

- 50,000 usable gates
- 1,920 Logic Elements (LEs)
- 36,864 bits of embedded memory
- Maximum operating frequency of 250 MHz
- 3.3V power supply
- JTAG boundary scan

Application

- Industrial automation and control systems
- Data communication and networking equipment
- Medical devices
- Aerospace and defense systems
- Consumer electronics, including digital cameras, audio and video processing, and gaming consoles



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

EPCS1S18

Intel Corp

SOP-8

EPC1PI8N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

PLCC