

**FPGA FLEX 8000 Family 4K Gates 336 Cells 125MHz 0.42um
Technology 5V 84-Pin PLCC**



Images are for reference only

[Inquiry](#)

Manufacturer:	Intel Corp
Package/Case:	PLCC84
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

General Description

EPF8452ALC84-4 is a specific model of field-programmable gate array (FPGA) integrated circuit developed by Altera Corporation, now a part of Intel Corporation. It belongs to the Cyclone IV series of FPGAs.

Key Features

- Contains 84,672 logic elements (LEs)
- 4,608 kbit embedded memory
- 266 embedded 18 x 18 multipliers
- 3.125 Gbps transceivers
- Supports up to 533 MHz external clock frequency

Application

- Digital signal processing
- Image and video processing
- High-speed networking
- Aerospace and defense systems
- Industrial automation and control
- Automotive 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

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PLCC