EPF8282ALC84-3

FPGA FLEX 8000 Family 2.5K Gates 208 Cells 125MHz 0.42um Technology 5V 84-Pin PLCC

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

Images are for reference only

Inquiry

General Description

EPF8282ALC84-3 is a complex programmable logic device (CPLD) manufactured by Altera Corporation (now Intel FPGA).

Key Features

It has 2820 logic elements (LEs) that can be configured to implement different types of digital circuits.

It has 192 macrocells that can be used to implement sequential logic such as flip-flops and latches.

It has 72 input/output (I/O) pins that can be used to interface with other digital circuits.

It operates at a maximum frequency of 225 MHz and has a low power consumption of 250 mW.

Application

EPF8282ALC84-3 is used in a variety of digital systems that require high performance and low power consumption, such as telecommunications, networking, and industrial control.

It is commonly used to implement digital signal processing (DSP) algorithms, such as finite impulse response (FIR) filters and fast Fourier transforms (FFT).

It is also used in system-on-chip (SoC) designs to implement complex control logic.

Recommended For You

EPM3256AQC208-10N
Intel Corp
QFP208

EPCQ32ASI8N
Intel Corp
SOP8

EPCQ32SI8N
Intel Corp
SOP8

EPCQ64ASI16N
Intel Corp
SOP16

EPCQ16SI8N
Intel Corp
SOP8

EPC2TI32
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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