


**FPGA ACEX 1K Family 100K Gates 4992 Cells 333.33MHz 0.22um
Technology 2.5V 484-Pin FBGA**

Manufacturer:	Intel Corp
Package/Case:	BGA
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

EP1K100FC484-1N refers to a specific model of Field-Programmable Gate Array (FPGA) manufactured by Altera Corporation, which is now a part of Intel Corporation.

Key Features

- 100,000 system gates
- 2,976 logic elements (LEs)
- 78 embedded 18x18 multipliers
- 648 Kbits of embedded memory
- Four-phase PLL clock network
- Up to 266 user I/O pins
- 3.3V power supply
- 484-pin FineLine BGA package

Application

- Digital signal processing
- Image and video processing
- Control systems
- High-performance computing
- Aerospace and defense
- Industrial automation
- Medical imaging
- Scientific research



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

EPCS1S18

Intel Corp

SOP-8

EPC1P18N

Intel Corp

DIP8

EPC2L120N

Intel Corp

PLCC