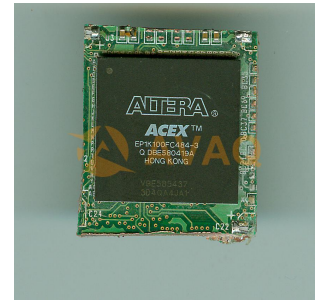


FPGA ACEX 1K Family 100K Gates 4992 Cells 200MHz 0.22um Technology 2.5V 484-Pin FBGA



Images are for reference only

Manufacturer: [Intel Corp](#)

Package/Case: BGA

Product Type: Programmable Logic ICs

Lifecycle: Obsolete

[Inquiry](#)

General Description

EP1K100FC484-3 is a part number for a field-programmable gate array (FPGA) manufactured by Intel (formerly Altera).

Key Features

It has 100,000 logic elements (LEs) which are programmable building blocks used to implement digital circuits.

It has 4,608 kilobits (Kb) of embedded memory.

It has 360 embedded multipliers for high-speed digital signal processing (DSP).

It operates at a maximum frequency of 275 MHz.

It has 484 pins in a fine-pitch ball-grid array (FBGA) package.

Application

Digital signal processing (DSP)

Video and image processing

Network processing

Aerospace and defense systems

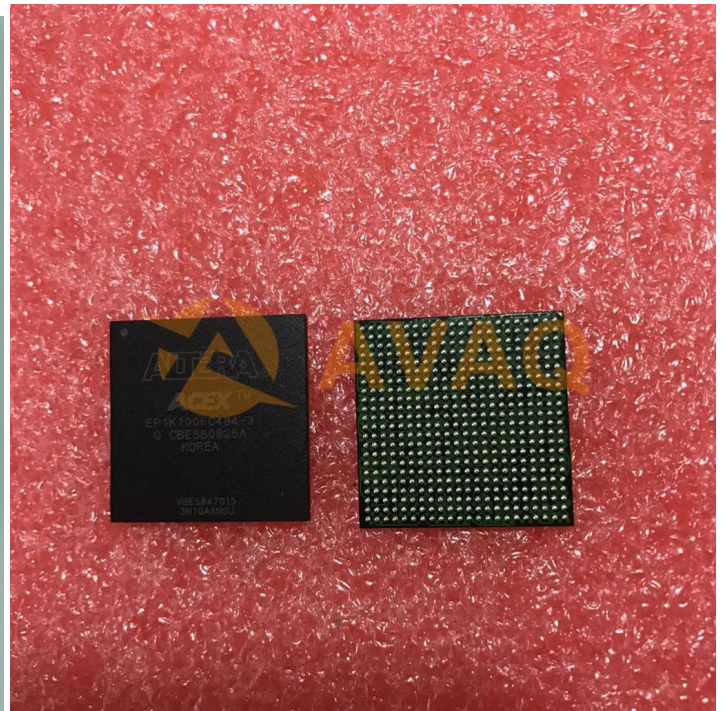
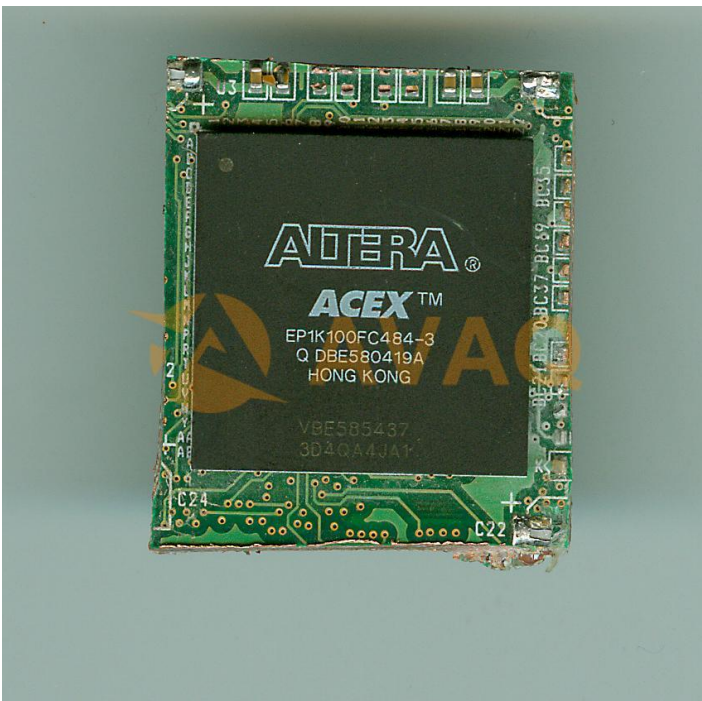
Industrial control systems

Medical devices

Automotive systems

Robotics

High-performance computing



Recommended For You

EPMB256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC21I32

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