


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

<b>Manufacturer:</b>	<a href="#">Intel Corp</a>
<b>Package/Case:</b>	BGA
<b>Product Type:</b>	Programmable Logic ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Obsolete



Images are for reference only

[Inquiry](#)

## General Description

EP1K100FC484-3N refers to a specific model of Field-Programmable Gate Array (FPGA) manufactured by Altera (now part of Intel).

## Key Features

The EP1K100FC484-3N has 100,000 logic elements, 4,608 kilobits of embedded memory, and 372 user I/Os.

It operates at a maximum frequency of 250 MHz and supports a variety of I/O standards, such as LVTTTL, LVC MOS, and SSTL.

The device also includes a variety of on-chip hardware resources, such as phase-locked loops (PLLs), digital signal processing (DSP) blocks, and dedicated high-speed I/Os.

## Application

Digital signal processing

Video and image processing

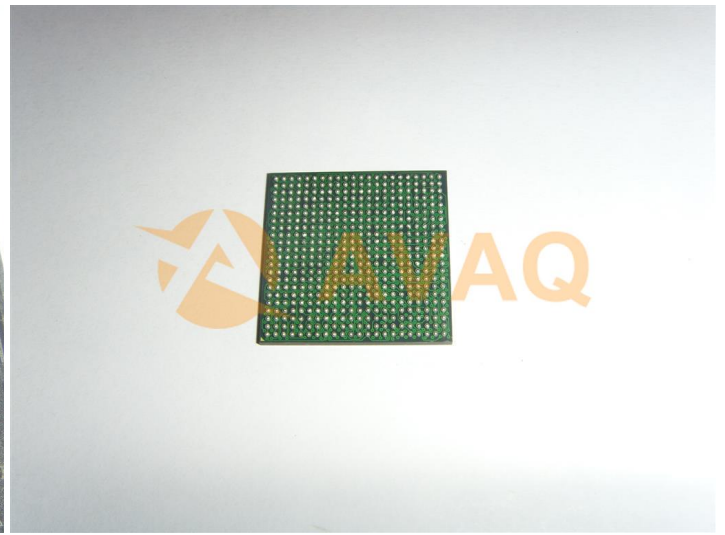
Networking and telecommunications

High-performance computing

Aerospace and defense

Automotive electronics

Industrial automation and control 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

### **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

### **EPC1P18N**

Intel Corp  
DIP8

### **EPC2LI20N**

Intel Corp  
PLCC