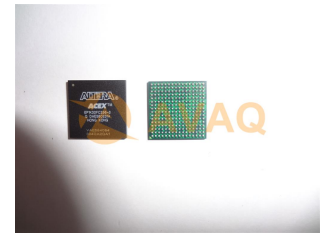


**FPGA ACEX 1K Family 30K Gates 1728 Cells 200MHz 0.22um  
Technology 2.5V 256-Pin FBGA**



Images are for reference only

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

[Inquiry](#)

## General Description

EP1K30FC256-3 is a part number for a Field-Programmable Gate Array (FPGA) manufactured by Altera (now owned by Intel). Here's some information about it:

## Key Features

- Contains 30,000 logic elements (LEs) and 780 kilobits of embedded memory
- Supports a range of input/output (I/O) standards, including LVDS, SSTL, and LVTTL
- Has a maximum operating frequency of 300 MHz
- Uses a 1.5V core voltage and a 3.3V I/O voltage
- Can be reprogrammed to implement different digital circuits

## Application

- Digital signal processing (DSP)
- Networking and telecommunications
- Industrial automation
- Video and image processing
- Aerospace and defense



## 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