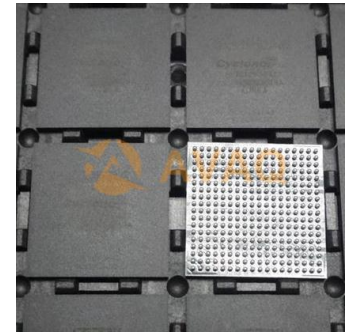


FPGA Cyclone® Family 12060 Cells 320.1MHz 130nm Technology  
1.5V 324-Pin FBGA



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

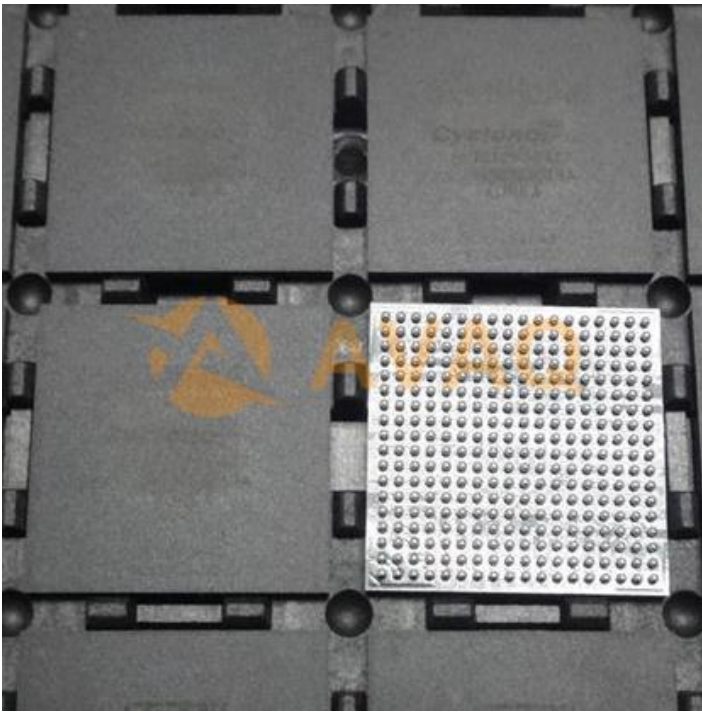
EP1C12F324I7 is a part number of a field-programmable gate array (FPGA) manufactured by Intel Corporation (formerly Altera Corporation). It belongs to the Cyclone II series of FPGAs.

## Key Features

- 12,060 logic elements (LEs)
- 324 embedded memory blocks (4.6 Mbits total memory)
- 381 user I/O pins
- PLLs and DLLs for clock management
- Built-in support for various communication protocols, including PCI, USB, and Ethernet
- Low power consumption

## Application

- Digital signal processing (DSP)
- High-speed communication systems
- Industrial automation
- Motor control
- Test and measurement equipment
- Video processing



## Recommended For You

### **EPM7256AQC208-10N**

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