

FPGA Stratix® Family 32470 Cells 357.14MHz 130nm Technology  
1.5V 780-Pin FC-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

EP1S30F780C8N is a programmable logic device (PLD) manufactured by Intel Corporation (formerly Altera). It belongs to the family of Stratix devices, which are high-performance field-programmable gate arrays (FPGAs) designed for use in various digital circuits.

## Key Features

It has a large number of configurable logic blocks (CLBs) and embedded memory blocks, which can be programmed to implement various types of digital circuits.

It has a high-speed serial interface (HSI) for communication with other devices or FPGAs.

It has a number of high-speed input/output (I/O) pins, which can be configured to support various types of interfaces, such as LVDS, PCI Express, and Gigabit Ethernet.

It supports various design tools, such as Quartus II software, to facilitate the design and verification of digital circuits.

## Application

High-speed networking and communication systems

Digital signal processing (DSP)

Industrial automation and control systems

Aerospace and defense systems

High-performance computing (HPC) systems



## Recommended For You

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### EPMB256AQC208-10N

Intel Corp

QFP208

### EPCQ32ASI8N

Intel Corp

SOP8

### EPCQ32SI8N

Intel Corp

SOP8

### EPCQ64ASI16N

Intel Corp

SOP16

### EPCQ16SI8N

Intel Corp

SOP8

### EPC2II32

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