

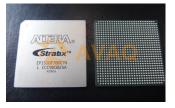
FPGA Stratix® Family 10570 Cells 420.17MHz 130nm Technology 1.5V 780-Pin FC-FBGA

Manufacturer: <u>Intel Corp</u>

Package/Case: BGA

Product Type: Programmable Logic ICs

Lifecycle: Obsolete



Images are for reference only

Inquiry

General Description

The EP1S10F780C7N is part of the Stratix® FPGA family, which is known for its high performance, density, and flexibility. The EP1S10F780C7N is designed to offer advanced features and capabilities suitable for a variety of applications.

Key Features

10,570 logic elements (LEs)

329,088 bits of embedded memory

32 digital signal processing (DSP) blocks

4-phase power sequencing

On-chip PLL (Phase-Locked Loop)

Built-in JTAG (Joint Test Action Group) boundary scan

Supports various I/O standards such as LVDS, SSTL, HSTL, and LVTTL

Application

Telecommunications and networking

Video and image processing

Military and aerospace

Industrial automation

Medical equipment



Recommended For You

EPM3256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

EPCQ32SI8N

Intel Corp

SOP8

Intel Corp SOP8

EPC2TI32

Intel Corp

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

QFP

EPM7128STC100-15N

Intel Corp

QFP100

EP1C6Q240I7N

Intel Corp

QFP240

EPCQ128SI16N

Intel Corp

SOP16

EPM7128SLC84-15N

Intel Corp

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EPC1213PC8

Intel Corp

DIP8

EP1K30TC144-3N

Intel Corp

QFP

EPCS1SI8

Intel Corp

SOP-8

EPC1PI8N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

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