

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



Images are for reference only

Manufacturer:	Intel Corp
Package/Case:	BGA
Product Type:	Programmable Logic ICs
Lifecycle:	Obsolete

[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

EPMB256AQC208-10N

Intel Corp

QFP208

EPCQ32ASI8N

Intel Corp

SOP8

EPCQ32SI8N

Intel Corp

SOP8

EPCQ64ASI16N

Intel Corp

SOP16

EPCQ16SI8N

Intel Corp

SOP8

EPC2T132

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

EPCS1S18

Intel Corp

SOP-8

EPC1PI8N

Intel Corp

DIP8

EPC2LI20N

Intel Corp

PLCC