

FPGA Stratix® Family 41250 Cells 450.05MHz 130nm Technology
1.5V 1020-Pin FC-FBGA



Images are for reference only

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

[Inquiry](#)

General Description

EP1S40F1020I6 appears to be a part number for a Field Programmable Gate Array (FPGA) manufactured by Altera (now Intel). Here is some information about this particular FPGA:

Key Features

FPGA family: Stratix

Number of logic elements: 40,320

Number of embedded multipliers: 600

Maximum number of user I/Os: 784

Maximum user I/O voltage: 3.3V

Operating temperature range: -40°C to 100°C

Application

Communications systems

High-performance computing

Digital signal processing

Aerospace and defense systems

Industrial automation and control systems

Medical imaging and instrumentation



Recommended For You

EPMB256AQC208-10N

Intel Corp
QFP208

EPCQ32ASI8N

Intel Corp
SOP8

EPCQ32SI8N

Intel Corp
SOP8

EPCQ64ASI16N

Intel Corp
SOP16

EPCQ16SI8N

Intel Corp
SOP8

EPC2H32

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