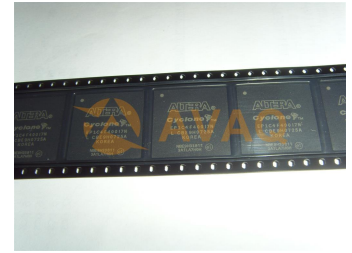



**FPGA Cyclone® Family 4000 Cells 320.1MHz 130nm Technology
1.5V 400-Pin FBGA**



Images are for reference only

[Inquiry](#)

Manufacturer:	Intel Corp
Package/Case:	BGA
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete

General Description

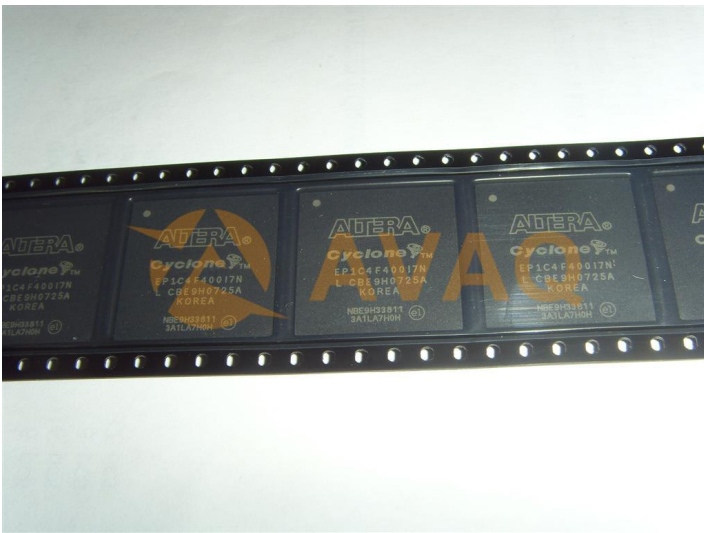
EP1C4F400I7N is a part number for a field-programmable gate array (FPGA) manufactured by Altera (now part of Intel). The part belongs to the Cyclone FPGA family and has the following features:

Key Features

- 4,608 logic elements (LEs)
- 266 embedded memory blocks
- 22 embedded 18x18 multipliers
- 8 phase-locked loops (PLLs)
- 288 user I/O pins
- 1.2V core voltage

Application

- Digital signal processing
- Communications systems
- Video and image processing
- Industrial automation
- Military and aerospace systems
- High-performance computing
- Internet of Things (IoT) devices
- Cryptocurrency mining



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