
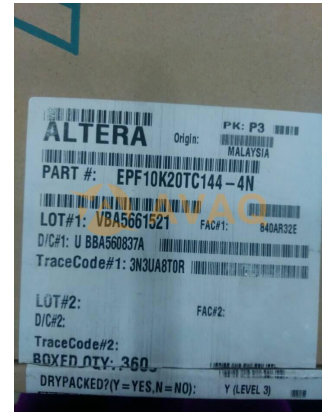


**FPGA FLEX 10K Family 20K Gates 1152 Cells 125MHz 0.42um
Technology 5V 144-Pin TQFP**

Manufacturer:	Intel Corp
Package/Case:	TQFP144
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

EPF10K20TC144-4N refers to a specific type of Field-Programmable Gate Array (FPGA) produced by Intel Corporation (formerly known as Altera Corporation), which is a type of programmable logic device used in digital electronic circuits.

Key Features

It has a capacity of 10,000 logic elements (LEs) which are basic building blocks of programmable logic.

It has 20,000 programmable gates that can be used to implement various digital logic functions.

It has 144 pins in a Thin Quad Flat Pack (TQFP) package, which is a type of surface-mount packaging.

It operates at a speed grade of -4, which indicates its performance characteristics.

Application

EPF10K20TC144-4N can be used in a wide range of applications, including telecommunications, networking, industrial automation, aerospace, and defense.

It can be used for digital signal processing (DSP), embedded systems, and complex digital logic designs.

It is commonly used in prototyping, product development, and production in electronic system design.



Recommended For You

EPMB256AQC208-10N

Intel Corp
QFP208

EPCQ32ASI8N

Intel Corp
SOP8

EPCQ32SI8N

Intel Corp
SOP8

EPCQ64ASI16N

Intel Corp
SOP16

EPCQ16SI8N

Intel Corp
SOP8

EPC2TI32

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

EPC1P18N

Intel Corp

DIP8

EPC2L120N

Intel Corp

PLCC