EP1C3T100C8N

FPGA Cyclone® Family 2910 Cells 275.03MHz 130nm Technology 1.5V 100-Pin TQFP

Manufacturer:	Intel Corp
Package/Case:	QFP100
Product Type:	Programmable Logic ICs
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Obsolete

Images are for reference only

Inquiry

General Description

EP1C3T100C8N is a product code for an Altera (now Intel) Cyclone FPGA (Field-Programmable Gate Array) chip.

Key Features

The "EP1C3T100C8N" part number indicates that this is a Cyclone FPGA with 3,000 logic elements (LEs), 100 pins, and a speed grade of 8.

The chip operates with a core voltage of 1.2V and I/O voltage of 3.3V.

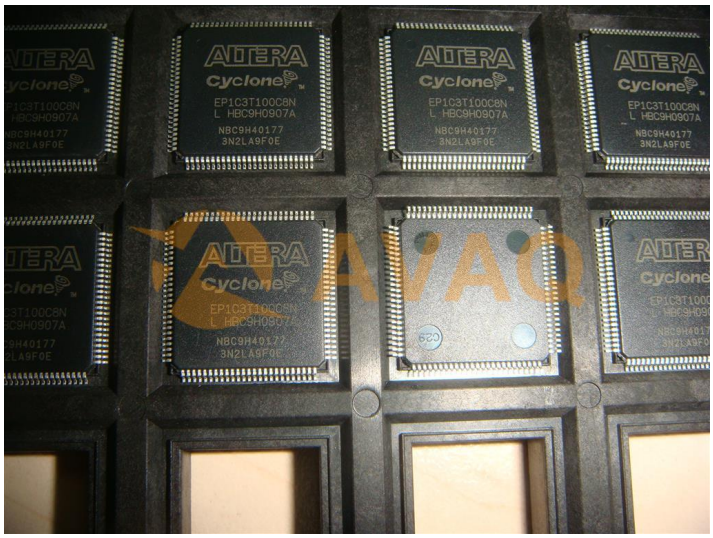
It has an on-chip oscillator, PLL, and up to 288 Kbits of embedded memory.

The device can be programmed using Altera's Quartus II software.

Application

EP1C3T100C8N is used in a wide range of applications, including industrial control systems, test and measurement equipment, automotive systems, medical equipment, and more.

The FPGA's flexible nature makes it ideal for applications that require real-time processing and low power consumption, as well as for prototyping and design validation.



Recommended For You

EPM3256AQC208-10N

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

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SOP16

EPM7128SLC84-15N

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EPC1213PC8

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EP1K30TC144-3N

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