EPM570F256C5N

Data Sheet

CPLD MAX? II Family 440 Macro Cells 201.1MHz 0.18um Technology 2.5V/3.3V Automotive 256-Pin FBGA Tray

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-256
Product Type	Programmable Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for EPM570F256C5N or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

EPM570F256C5N is a type of field-programmable gate array (FPGA) manufactured by Intel (formerly Altera).

Features

It has 256,000 logic elements (LEs) and 9,360 kilobits (Kb) of embedded memory.

It operates at a maximum frequency of 500 MHz.

It has a 1.2V core voltage and is fabricated using Intel's 20 nm process technology.

It supports various I/O standards including LVCMOS, LVTTL, SSTL, and LVDS.

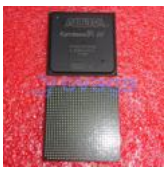
Application

EPM570F256C5N can be used in a variety of applications such as communications, industrial control, and embedded systems.

Specifically, it can be used for implementing digital signal processing (DSP) algorithms, video processing, and high-speed networking protocols.

It can also be used for implementing system-level functions such as bus interfacing and data buffering.

Related Products



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Altera Corporation (Intel)

FBGA-780

[EPM240M100C5N]

Altera Corporation (Intel)

BGA-100

[EPM1270T144A5N]

Altera Corporation (Intel)

TQFP-144

[EP2C35F672C8N]

Altera Corporation (Intel)

FBGA-672

[EPM7128AETC100-10]

Altera Corporation (Intel)

TQFP-100

[EP2C35F484C7N]

Altera Corporation (Intel)

FBGA-484

[EP2C35F484I8N]

Altera Corporation (Intel)

FBGA-484

[EPM2210F256C4]

Altera Corporation (Intel)

FBGA-256