EP3C5F256I7N

Data Sheet

Cyclone III Family 5136 Cells 437.5MHz 65nm Technology 1.2V

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

Images are for reference only

Please submit RFQ for EP3C5F256I7N or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

EP3C5F256I7N is an FPGA (Field Programmable Gate Array) device manufactured by Altera, which is now a part of Intel.

Features

It has 5,136 logic elements (LEs) that can be programmed to implement digital circuits of various complexity.

It also has 288 kilobits of embedded memory, which can be used for implementing look-up tables, registers, and other memory-based circuits.

It supports a maximum of 332 user I/O pins, which can be used for input/output interfacing with external devices.

It operates on a 1.2V core voltage and can support a wide range of input/output voltage levels.

Application

Digital signal processing

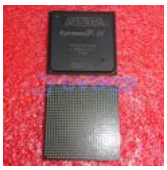
Control systems

Image and video processing

Communications systems

Embedded systems

Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)

FBGA-780

[EPM240M100C5N](#)

Altera Corporation (Intel)

BGA-100

[EPM1270T144A5N](#)

Altera Corporation (Intel)

TQFP-144

[EPM570F256C5N](#)

Altera Corporation (Intel)

FBGA-256

[EP2C35F672C8N](#)

Altera Corporation (Intel)

FBGA-672

[EPM7128AETC100-10](#)

Altera Corporation (Intel)

TQFP-100

[EP2C35F484C7N](#)

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FBGA-484

[EP2C35F484I8N](#)

Altera Corporation (Intel)

FBGA-484