

FPGA - Field Programmable Gate Array FPGA - Cyclone IV E 392 LABs 91 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	QFP-144
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP4CE6E22I8LN or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP4CE6E22I8LN is a part number from the Cyclone IV E family of Field Programmable Gate Arrays (FPGAs) manufactured by Intel (formerly Altera).

Features

It contains 6,288 Logic Elements (LEs)

330 Embedded Memory Blocks (MBs)

84 18x18 multipliers

4 Phase Locked Loops (PLLs)

292 user I/O pins

It operates at a maximum frequency of 300 MHz

Application

EP4CE6E22I8LN is commonly used in a wide range of applications, including industrial control, communication, and automotive systems.

It can be used for image and video processing, digital signal processing, and high-speed data transfer.

It is also used in high-speed serial communication protocols such as PCI Express, Gigabit Ethernet, and Serial RapidIO.



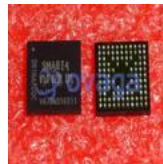


Related Products



[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



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