

FPGA - Field Programmable Gate Array FPGA - Cyclone IV E 963 LABs 81 IOs

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|---------------|--|
| 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 EP4CE15E22I7N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP4CE15E22I7N is a part number for a field-programmable gate array (FPGA) manufactured by Intel (formerly Altera). It is a member of the Cyclone IV E family of FPGAs and features 15,183 logic elements (LEs), 510 embedded memory blocks (MBs), and 36 18 x 18 multipliers.

Features

- Low power consumption
- High performance with a maximum operating frequency of 400 MHz
- Built-in memory blocks and multipliers for more efficient implementation of algorithms
- Support for a wide range of I/O standards and protocols
- Flexibility to be reprogrammed as needed to adapt to changing requirements

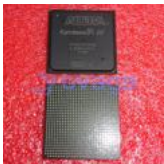
Application

- Video and image processing
- Control systems and automation
- Data acquisition and signal processing
- Communications and networking
- Security and surveillance 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](#)

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FBGA-484