

FPGA - Field Programmable Gate Array FPGA - Flex 10K 216 LABs 189 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	QFP-240
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EPF10K30RC240-4N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EPF10K30RC240-4N is a programmable logic device (PLD) manufactured by Intel (formerly Altera).

Features

- It has a capacity of 30,000 logic elements.
- It has 240 user I/O pins.
- It operates on a 3.3V power supply.
- It has a maximum frequency of 250 MHz.
- It is based on CMOS technology, making it low power and high-performance.
- It can be programmed using a Hardware Description Language (HDL) such as VHDL or Verilog.

Application

- The EPF10K30RC240-4N is commonly used in digital systems design for various applications such as telecommunications, industrial control, medical instrumentation, and aerospace and defense.
- It can be used as a controller for complex systems, such as in automotive or aerospace applications.
- It can be used to implement complex algorithms for digital signal processing, cryptography, and image processing.
- It can be used in test and measurement systems, as it provides the flexibility to reconfigure the logic as per the requirement.





Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



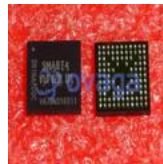
[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

Altera Corporation (Intel)
BGA-100



[EPM570F256C5N](#)

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FBGA-256



[EPM7128AETC100-10](#)

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TQFP-100



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484