

Field Programmable Gate Array FPGA - ACEX 1K 360 LABs 147 IOs

Manufacturers	<a href="#">Altera Corporation (Intel)</a>
Package/Case	QFP-208
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP1K50QI208-2N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP1K50QI208-2N appears to be a part number for an integrated circuit (IC) from the MAX® II family of programmable logic devices (PLDs) manufactured by Intel (formerly Altera). Here's some information about it:

### Features

It is a MAX II family device, which is a low-cost, low-power, and high-performance CPLD (Complex Programmable Logic Device).

It has 50,000 equivalent logic elements (LEs), which are basic building blocks of programmable logic.

It comes in a quad-flat no-leads (QFN) package with 208 pins.

It operates at industrial temperature range (-40°C to 85°C).

It has on-chip flash memory for configuration storage, eliminating the need for external configuration memory.

It has programmable I/O pins that can be configured as inputs, outputs, or bidirectional.

### Application

EP1K50QI208-2N can be used in various applications that require programmable logic, such as digital signal processing, control systems, communication systems, industrial automation, and more.

It can be used to implement digital logic functions, such as combinational and sequential circuits, state machines, and protocol interfaces.

It can be used as a replacement for fixed-function logic devices, offering more flexibility and customization.





### Related Products



#### [EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



#### [EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



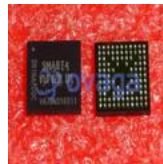
#### [EP2C35F672C8N](#)

Altera Corporation (Intel)  
FBGA-672



#### [EP2C35F484C7N](#)

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FBGA-484



#### [EPM240M100C5N](#)

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BGA-100



#### [EPM570F256C5N](#)

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FBGA-256



#### [EPM7128AETC100-10](#)

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TQFP-100



#### [EP2C35F484I8N](#)

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FBGA-484