

FPGA, Cyclone II, PLL, 142 I/O's, 320 MHz, 1.15 V to 1.25 V, QFP-208

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 EP2C5Q208I8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

EP2C5Q208I8N is a specific model of a field-programmable gate array (FPGA) manufactured by Intel Corporation (formerly Altera Corporation).

## Features

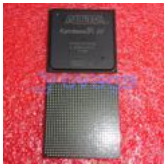
- It belongs to the Cyclone II series of FPGAs
- It has 5,120 logic elements (LEs)
- It has 288 embedded memory blocks (9,216 Kbits total memory)
- It has 18 digital signal processing (DSP) blocks
- It has 4 phase-locked loops (PLLs)
- It has a maximum of 208 user I/O pins
- It operates with a 1.2V core voltage and supports 3.3V, 2.5V, or 1.5V I/O standards
- It comes in a 208-pin Quad Flat No-Lead (QFN) package

## Application

- Digital signal processing
- Video and image processing
- Audio processing
- Control systems
- Automotive applications
- Industrial automation and control
- Communication systems
- Military and aerospace systems
- Medical equipment

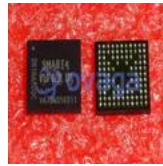


Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)  
FBGA-780



[EPM240M100C5N](#)

Altera Corporation (Intel)  
BGA-100



[EPM1270T144A5N](#)

Altera Corporation (Intel)  
TQFP-144



[EPM570F256C5N](#)

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[EP2C35F672C8N](#)

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[EPM7128AETC100-10](#)

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[EP2C35F484C7N](#)

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