

FPGA - Field Programmable Gate Array FPGA - Stratix II 1694 LABs 500 IOs

Manufacturers	Altera Corporation (Intel)
Package/Case	FBGA-672
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for EP2S30F672I4N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

EP2S30F672I4N is a field-programmable gate array (FPGA) manufactured by Intel Corporation (formerly known as Altera). It belongs to the Cyclone II family and has 30,816 logic elements (LEs). The "EP2S" in the name indicates that it uses the Stratix II logic structure, "30" represents the number of thousands of LEs, "F" indicates the device density and "672" represents the number of pins. The "I4N" indicates the package type, which is a 672-pin flip-chip ball grid array (FCBGA).

Features

- 30,816 logic elements (LEs)
- 1,536 Kbits of embedded memory
- 288 embedded multipliers
- 9-phase locked loops (PLLs)
- On-chip voltage regulation
- Up to 622 user I/O pins
- Maximum operating frequency of 400 MHz
- Low power consumption

Application

- Communications
- Industrial control
- Medical equipment
- Military and aerospace
- Test and measurement
- Video and image processing
- Automotive





Related Products



[EP4CE55F29C8N](#)

Altera Corporation (Intel)
FBGA-780



[EPM1270T144A5N](#)

Altera Corporation (Intel)
TQFP-144



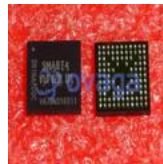
[EP2C35F672C8N](#)

Altera Corporation (Intel)
FBGA-672



[EP2C35F484C7N](#)

Altera Corporation (Intel)
FBGA-484



[EPM240M100C5N](#)

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BGA-100



[EPM570F256C5N](#)

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[EPM7128AETC100-10](#)

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TQFP-100



[EP2C35F484I8N](#)

Altera Corporation (Intel)
FBGA-484