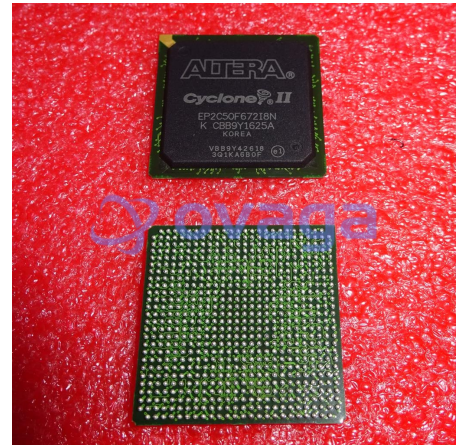


FPGA Cyclone® II Family 50528 Cells 402.58MHz 90nm Technology 1.2V

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 EP2C50F672I8N or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

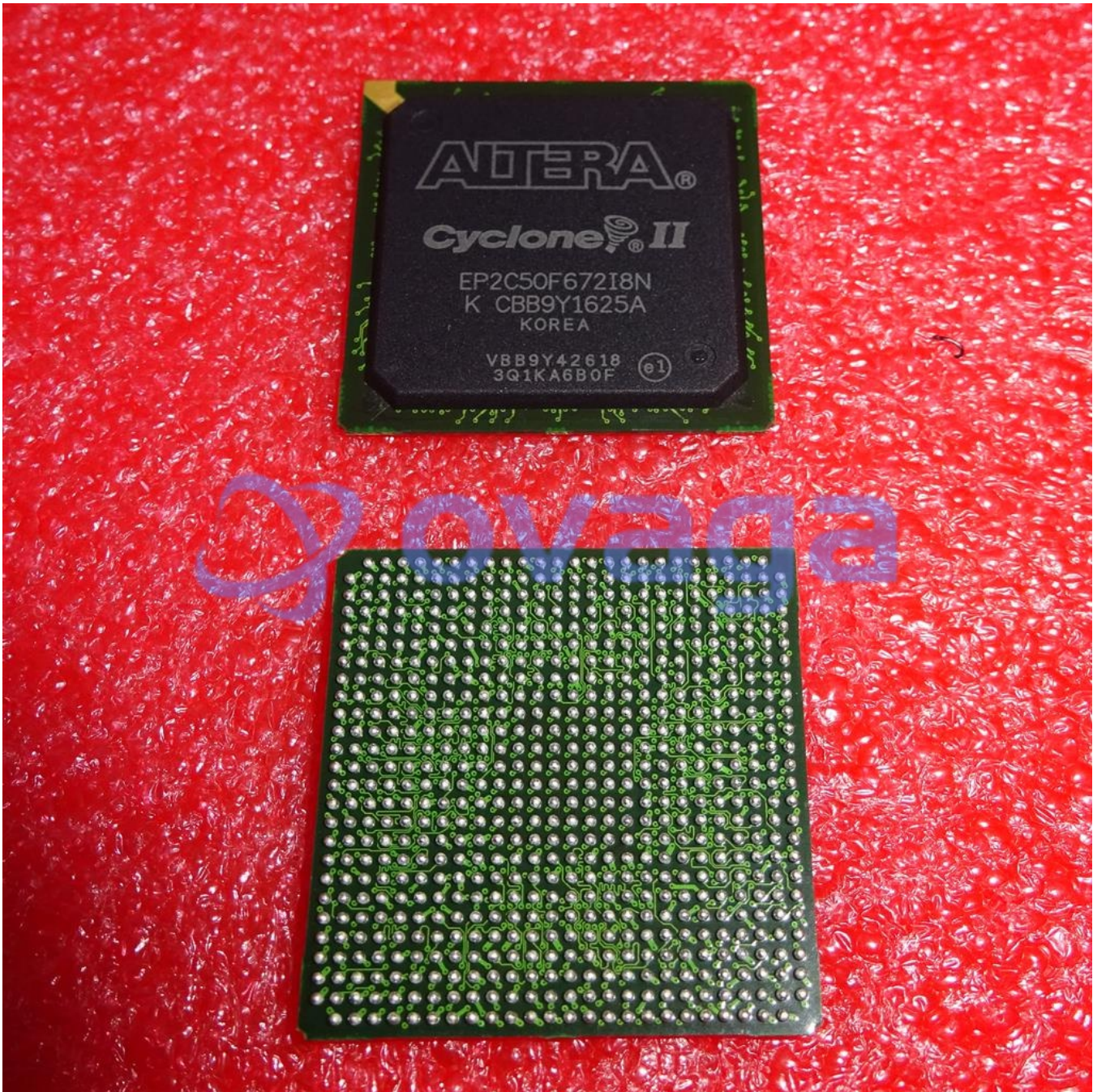
EP2C50F672I8N is an FPGA (Field-Programmable Gate Array) developed by Altera, which is now owned by Intel. It belongs to the Cyclone II family and has a capacity of 50,000 logic elements. The "F672" in the part number refers to the package type, while "I8N" refers to the RoHS compliance and speed grade of the device.

Features

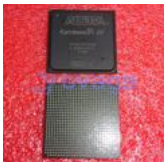
- 50,000 logic elements (LEs)
- 1,288 embedded memory blocks (4.4 Mbits total memory)
- 266 embedded multipliers
- Support for various I/O standards (LVCMOS, LVTTTL, PCI, SSTL, etc.)
- Up to 622 user I/O pins
- On-chip PLLs (Phase-Locked Loops)

Application

- Digital signal processing (DSP)
- Industrial automation and control systems
- Medical equipment
- Video and image processing
- Communications and networking
- Military and aerospace

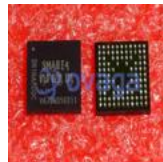


Related Products



[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](#)

Altera Corporation (Intel)

FBGA-484



[EP2C35F484I8N](#)

Altera Corporation (Intel)

FBGA-484