

Image may be representation.
See specifications for product details.



EP20K400EFC672-1X

Manufacturer Part Number **EP20K400EFC672-1X**

Manufacturer **Intel**

Allelco Part Number **32D-EP20K400EFC672-1X**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 488 I/O 672FBGA**

Package **672-BBGA**

Data sheet [Cylindrical Battery Holders.pdf](#)

[Virtual JTAG Megafuntion Guide.pdf](#)

Get a Quote

EP20K400EFC672-1X - Intel.New Original in Stock. Download Linear Technology EP20K400EFC672-1X datasheet/specifications on AllelcoElec.com.
Request a quote for EP20K400EFC672-1X, please send us email: info@allelco.com

Specifications

EP20K400EFC672-1X Tech Specifications

EP20K400EFC672-1X - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.71V ~ 1.89V	Number of Logic Elements/Cells	16640
Total RAM Bits	212992	Number of LABs/CLBs	1664
Supplier Device Package	672-FBGA (27x27)	Number of I/O	488
Series	APEX-20KE®	Number of Gates	1052000
Package / Case	672-BBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EP20K400

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP20K400EFC672-1X

Product Attribute				
Part Number	EP20K400EFC672-1X	EP20K400EFC672-3N	EP20K400EF1672-2X	EP20K400EFC672-1N
Manufacturer	Intel	Intel	Intel	Intel
Series	APEX-20KE®	APEX-20KE®	APEX-20KE®	APEX-20KE®
Number of I/O	488	488	488	488
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	212992	212992	212992	212992
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Supplier Device Package	672-FBGA (27x27)	672-FBGA (27x27)	672-FBGA (27x27)	672-FBGA (27x27)
Package / Case	672-BBGA	672-BBGA	672-BBGA	672-BBGA
Number of LABs/CLBs	1664	1664	1664	1664
Voltage - Supply	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Number of Gates	1052000	1052000	1052000	1052000
Number of Logic Elements/Cells	16640	16640	16640	16640
Base Product Number	EP20K400	EP20K400	EP20K400	EP20K400
Package	Tray	Tray	Tray	Tray

EP20K400EFC672-1X Datasheet PDF

Download EP20K400EFC672-1X pdf datasheets and Intel documentation for EP20K400EFC672-1X - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

PCN Packaging

[All Dev Pkg Chg 1/Aug/2018.pdf](#)

[Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

PCN Obsolescence/ EOL

[EOL 01/Dec/2016.pdf](#)

[EOL 21/Nov/2016.pdf](#)

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

HTML Datasheet

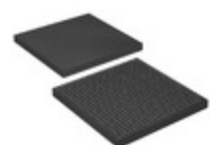
[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[Wafer Bump Transfer 06/Feb/2015.pdf](#)

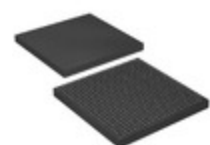
Customers Also Interested in

Recommended Products



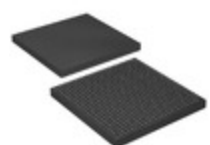
EP20K400EFC672-3N

Intel
IC FPGA 488 I/O 672FBGA



EP20K400EFI672-2X

Intel
IC FPGA 488 I/O 672FBGA



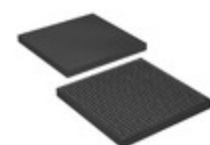
EP20K400EFC672-1N

Intel
IC FPGA 488 I/O 672FBGA



EP20K400FC672-3

Intel
IC FPGA 502 I/O 672FBGA



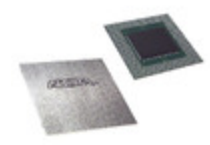
EP20K400EFC672-1

Intel
IC FPGA 488 I/O 672FBGA



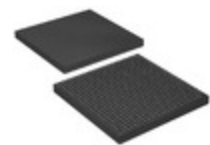
EP20K400EFC672-3

Intel
IC FPGA 488 I/O 672FBGA



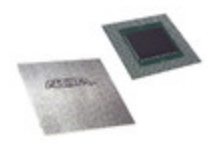
EP20K400EBC652-3

Intel
IC FPGA 488 I/O 652BGA



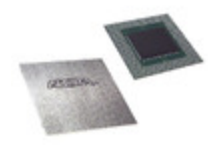
EP20K400EFC672-2X

Intel
IC FPGA 488 I/O 672FBGA



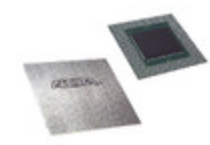
EP20K400EBC652-2N

Intel
IC FPGA 488 I/O 652BGA



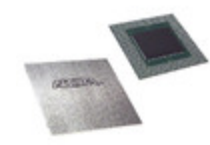
EP20K400EBC652-2

Intel
IC FPGA 488 I/O 652BGA



EP20K400EBC652-3N

Intel
IC FPGA 488 I/O 652BGA



EP20K400EBC652-2X

Intel
IC FPGA 488 I/O 652BGA



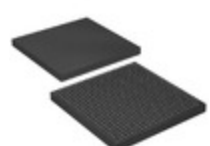
EP20K400EFC672-2N

Intel
IC FPGA 488 I/O 672FBGA



EP20K400FC672-1

Intel
IC FPGA 502 I/O 672FBGA



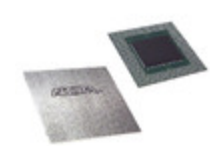
EP20K400EFC672-2

Intel
IC FPGA 488 I/O 672FBGA



EP20K400FI672-2V

Intel
IC FPGA 502 I/O 672FBGA



EP20K400EBC652-2X

Intel
IC FPGA 488 I/O 652BGA



EP20K400FC672-2

Intel
IC FPGA 502 I/O 672FBGA

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Alleco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

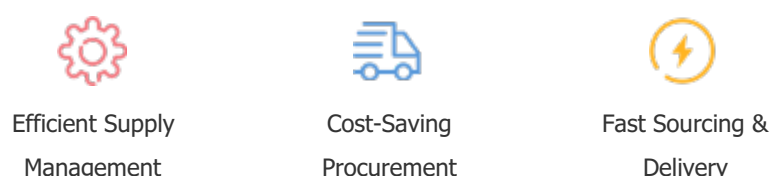
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



+00852 9146 4856

info@alleco.com

Certifications & Memberships



[View More](#)