



Image may be representation.
See specifications for product details.



EPF8820AQC160-3

Manufacturer Part Number	EPF8820AQC160-3
Manufacturer	Intel
Allelco Part Number	32D-EPF8820AQC160-3
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 120 I/O 160QFP
Package	160-BQFP
Data sheet	FLEX 8000.pdf

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EPF8820AQC160-3 - Intel.New Original in Stock. Download Linear Technology EPF8820AQC160-3 datasheet/specifications on AllelcoElec.com.
Request a quote for EPF8820AQC160-3, please send us email: info@allelco.com

Specifications

EPF8820AQC160-3 Tech Specifications
EPF8820AQC160-3 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Logic Elements/Cells	672
Voltage - Supply	4.75V ~ 5.25V	Number of LABs/CLBs	84
Supplier Device Package	160-PQFP (28x28)	Number of I/O	120
Series	FLEX 8000	Number of Gates	8000
Package / Case	160-BQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EPF8820
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF8820AQC160-3

Product Attribute				
Part Number	EPF8820AQC160-3	EPF8820ARC208-3	EPF8820ARC208-4	EPF8636AQC208-4
Manufacturer	Intel	Altera	Intel	Intel
Package	Tray	Tray	Tray	Tray
Base Product Number	EPF8820	-	EPF8820	EPF8636
Number of LABs/CLBs	84	84	84	63
Number of Gates	8000	8000	8000	6000
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	160-PQFP (28x28)	208-RQFP (28x28)	208-RQFP (28x28)	208-PQFP (28x28)
Package / Case	160-BQFP	208-BFQFP Exposed Pad	208-BFQFP Exposed Pad	208-BFQFP
Number of Logic Elements/Cells	672	672	672	504
Series	FLEX 8000	FLEX 8000	FLEX 8000	FLEX 8000
Number of I/O	120	152	152	136

EPF8820AQC160-3 Datasheet PDF

Download EPF8820AQC160-3 pdf datasheets and Intel documentation for EPF8820AQC160-3 - Intel.

Datasheets

[FLEX 8000.pdf](#)

PCN Packaging

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

PCN Obsolescence/ EOL

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

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

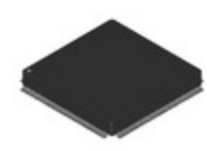
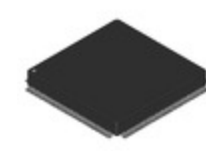
PCN Other

[Software Disc 06/Nov/2020.pdf](#)

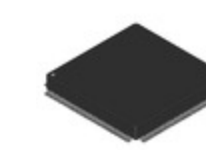
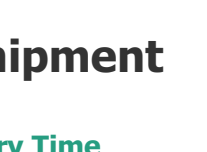
Customers Also Interested in

Recommended Products



EPF8820ARC208-3Altera
IC FPGA 152 I/O 208RQFP**EPF8820ARC208-2**Intel
IC FPGA 152 I/O 208RQFP**EPF8820ARC208-4**Intel
IC FPGA 152 I/O 208RQFP**EPF8820AQC160-4**Intel
IC FPGA 120 I/O 160QFP**EPF8636AQC208-4**Intel
IC FPGA 136 I/O 208QFP**EPF8820ARC208-3**Intel
IC FPGA 152 I/O 208RQFP**EPF8636AQC208-3**Intel
IC FPGA 136 I/O 208QFP**EPF8636AQC208-3**Altera
IC FPGA 136 I/O 208QFP**EPF8820AQC160-2**Intel
IC FPGA 120 I/O 160QFP**EPF8820AQC160-3N**

Altera (Intel)

**EPF8820AQC208-4**Intel
IC FPGA 152 I/O 208QFP**EPF8636ARC208-3**Altera
LOADABLE PLD, CMOS, PQFP208**EPF8820AQC208-2**Intel
IC FPGA 152 I/O 208QFP**EPF8820ARC208-4**Altera
IC FPGA 152 I/O 208RQFP**EPF8636ARC208-4**Altera
LOADABLE PLD, CMOS, PQFP208**EPF8820AGC192-2**

Altera (Intel)

**EPF8636AQC208-4**Altera
IC FPGA 136 I/O 208QFP**EPF8820AQC208-3**Intel
IC FPGA 152 I/O 208QFP

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 Allelco 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.



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Contact us if you have any questions.

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Certifications & Memberships



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