

Image may be representation.
See specifications for product details.



EPM7192EGI160-20

Manufacturer Part Number	EPM7192EGI160-20
Manufacturer	Intel
Allelco Part Number	32D-EPM7192EGI160-20
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 192MC 20NS 160PGA
Package	160-BPGA
Data sheet	MAX 7000.pdf 160-PGA Pkg Info.pdf

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EPM7192EGI160-20 - Intel.New Original in Stock. Download Linear Technology EPM7192EGI160-20 datasheet/specifications on AllelcoElec.com.
Request a quote for EPM7192EGI160-20, please send us email: info@allelco.com

Specifications

EPM7192EGI160-20 Tech Specifications
EPM7192EGI160-20 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Macrocells	192
Voltage Supply - Internal	4.5V ~ 5.5V	Number of Logic Elements/Blocks	12
Supplier Device Package	160-PGA (39.62x39.62)	Number of I/O	124
Series	MAX® 7000	Number of Gates	3750
Programmable Type	EE PLD	Mounting Type	Through Hole
Package / Case	160-BPGA	Delay Time tpd(1) Max	20 ns
Package	Tray	Base Product Number	EPM7192
Operating Temperature	-40°C ~ 85°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM7192EGI160-20

Product Attribute				
Part Number	EPM7192EGI160-20	EPM7192SQ160-10F	EPM7192EGC160-20	EPM7160STI100-10
Manufacturer	Intel	Intel	Intel	Intel
Series	MAX® 7000	MAX® 7000S	MAX® 7000	MAX® 7000S
Voltage Supply - Internal	4.5V ~ 5.5V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.5V ~ 5.5V
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)
Number of Logic Elements/Blocks	12	12	12	10
Base Product Number	EPM7192	EPM7192	EPM7192	EPM7160
Package	Tray	Tray	Tray	Tray
Programmable Type	EE PLD	In System Programmable	EE PLD	In System Programmable
Package / Case	160-BPGA	160-BQFP	160-BPGA	100-TQFP
Number of Gates	3750	3750	3750	3200
Delay Time tpd(1) Max	20 ns	10 ns	20 ns	10 ns
Supplier Device Package	160-PGA (39.62x39.62)	160-PQFP (28x28)	160-PGA (39.62x39.62)	100-TQFP (14x14)
Number of I/O	124	124	124	84
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Number of Macrocells	192	192	192	160

EPM7192EGI160-20 Datasheet PDF

Download EPM7192EGI160-20 pdf datasheets and Intel documentation for EPM7192EGI160-20 - Intel.

Datasheets

[160-PGA Pkg Info.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

PCN Obsolescence/ EOL

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

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

PCN Other

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

PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)



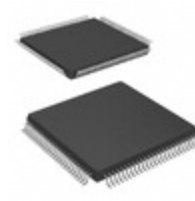
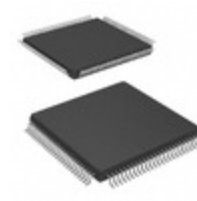
MAX 7000.pdf

Customers Also Interested in

Recommended Products

**EPM7192SQC160-10F**Intel
IC CPLD 192MC 10NS 160QFP**EPM7192EGC160-12EM**

Altera (Intel)

**EPM7192EGC160-20**Intel
IC CPLD 192MC 20NS 160PGA**EPM7160STI100-10**Intel
IC CPLD 160MC 10NS 100TQFP**EPM7192EQC160-20**Intel
IC CPLD 192MC 20NS 160QFP**EPM7160STC100-7N**Intel
IC CPLD 160MC 7.5NS 100TQFP**EPM7192GC160-15**

Altera (Intel)

**EPM7192EGC160-15**Intel
IC CPLD 192MC 15NS 160PGA**EPM7192EGC160-12GM**

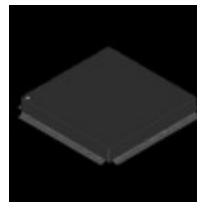
Altera (Intel)

**EPM7192EQC160-15**Intel
IC CPLD 192MC 15NS 160QFP**EPM7160STI100-7N**

Altera (Intel)

**EPM7192EQC160-12**Intel
IC CPLD 192MC 12NS 160QFP**EPM7192SQC160-10**

Altera (Intel)

**EPM7160STI100-10N**Intel
IC CPLD 160MC 10NS 100TQFP**EPM7192EGC160-12**Intel
IC CPLD 192MC 12NS 160PGA**EPM7192EQI160-20**Intel
IC CPLD 192MC 20NS 160QFP**EPM7192SQC160-10**Intel
IC CPLD 192MC 10NS 160QFP**EPM7192EQC160-20**Altera
IC CPLD 192MC 20NS 160QFP

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.



Your Faithful Supply Chain Partner -

Efficient Supply
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



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Certifications & Memberships



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