



Image may be representation.
See specifications for product details.



EPM7192SQC160-15N

Manufacturer Part Number	EPM7192SQC160-15N
Manufacturer	Intel
Allelco Part Number	32D-EPM7192SQC160-15N
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 192MC 15NS 160QFP
Package	160-BQFP
Data sheet	MAX 7000.pdf

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EPM7192SQC160-15N - Intel. New Original in Stock. Download Linear Technology EPM7192SQC160-15N datasheet/specifications on AllelcoElec.com.
Request a quote for EPM7192SQC160-15N, please send us email: info@allelco.com

Specifications

EPM7192SQC160-15N Tech Specifications
EPM7192SQC160-15N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Macrocells	192
Voltage Supply - Internal	4.75V ~ 5.25V	Number of Logic Elements/Blocks	12
Supplier Device Package	160-PQFP (28x28)	Number of I/O	124
Series	MAX® 7000S	Number of Gates	3750
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	160-BQFP	Delay Time tpd(1) Max	15 ns
Package	Tray	Base Product Number	EPM7192
Operating Temperature	0°C ~ 70°C (TA)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM7192SQC160-15N

Product Attribute				
Part Number	EPM7192SQC160-15N	EPM7192SQC160-10N	EPM7192SQC160-10F	EPM7192EQC160-20
Manufacturer	Intel	Altera (Intel® Programmable Solutions Group)	Intel	Altera
Series	MAX® 7000S	MAX® 7000S	MAX® 7000S	MAX® 7000
Supplier Device Package	160-PQFP (28x28)	160-PQFP (28x28)	160-PQFP (28x28)	160-PQFP (28x28)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Gates	3750	3750	3750	3750
Package / Case	160-BQFP	160-BQFP	160-BQFP	160-BQFP
Delay Time tpd(1) Max	15 ns	10.0ns	10 ns	20 ns
Operating Temperature	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of I/O	124	124	124	124
Programmable Type	In System Programmable	In System Programmable	In System Programmable	EE PLD
Voltage Supply - Internal	4.75V ~ 5.25V	4.5 V ~ 5.5 V	4.75V ~ 5.25V	4.75V ~ 5.25V
Number of Logic Elements/Blocks	12	12	12	12
Base Product Number	EPM7192	-	EPM7192	EPM7192
Number of Macrocells	192	192	192	192
Package	Tray	-	Tray	Bulk

EPM7192SQC160-15N Datasheet PDF

Download EPM7192SQC160-15N pdf datasheets and Intel documentation for EPM7192SQC160-15N - Intel.

Datasheets

[MAX 7000.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 Other

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

PCN Design/Specification

[Mult Series Software Chgs 26/Mar/2020.pdf](#)

Customers Also Interested in

Recommended Products

					
EPM7192SQI160-10N Altera (Intel® Programmable Solutions Group) IC CPLD 192MC 10NS 160QFP	EPM7192SQC160-10F Intel IC CPLD 192MC 10NS 160QFP	EPM7192SQC160-5 Altera (Intel)	EPM7192EQC160-20 Altera IC CPLD 192MC 20NS 160QFP	EPM7192SQC160-15 Intel IC CPLD 192MC 15NS 160QFP	EPM7192SQI160-10 Intel IC CPLD 192MC 10NS 160QFP
					
EPM7192SQC160-10 Intel IC CPLD 192MC 10NS 160QFP	EPM7192SQC160-15F Intel IC CPLD 192MC 15NS 160QFP	EPM7192EQI160-20 Intel IC CPLD 192MC 20NS 160QFP	EPM7218SQC100-15 Altera (Intel)	EPM7192GC160-15 Altera (Intel)	EPM7192GC160 Altera (Intel)
					
EPM7192SQC160-7 Intel IC CPLD 192MC 7.5NS 160QFP	EPM7192SQC160-10N Intel IC CPLD 192MC 10NS 160QFP	EPM7192SQC160-7F Intel IC CPLD 192MC 7.5NS 160QFP	EPM7192SQC160-7N Intel IC CPLD 192MC 7.5NS 160QFP	EPM7256AEF1256-7 BGA	EPM7212AEF1256-10 Altera (Intel)

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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 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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