

Image may be representation.
See specifications for product details.



EPM570M100I5N

Manufacturer Part Number	EPM570M100I5N
Manufacturer	Intel
Allelco Part Number	32D-EPM570M100I5N
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 440MC 5.4NS 100MBGA
Package	100-TFBGA
Data sheet	Max II Device Order Guide.pdf
RoHs Status	RoHS Compliant

Get a Quote

EPM570M100I5N - Intel.New Original in Stock. Download Linear Technology EPM570M100I5N datasheet/specifications on AllelcoElec.com.
Request a quote for EPM570M100I5N, please send us email: info@allelco.com

Specifications

EPM570M100I5N Tech Specifications
EPM570M100I5N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	-40°C ~ 100°C (TJ)
Voltage Supply - Internal	2.5V, 3.3V	Number of Macrocells	440
Supplier Device Package	100-MBGA (6x6)	Number of Logic Elements/Blocks	570
Series	MAX® II	Number of I/O	76
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	100-TFBGA	Delay Time tpd(1) Max	5.4 ns
Package	Tray	Base Product Number	EPM570

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM570M100I5N

Product Attribute				
Part Number	EPM570M100I5N	EPM570T100A5NAB	EPM570T100C3	EPM570T100A5NAF
Manufacturer	Intel	Intel	Intel	Intel
Package	Tray	Tray	Tray	Tray
Number of Macrocells	440	440	440	440
Number of I/O	76	76	76	76
Voltage Supply - Internal	2.5V, 3.3V	2.375V ~ 2.625V, 3V ~ 3.6V	2.5V, 3.3V	2.375V ~ 2.625V, 3V ~ 3.6V
Package / Case	100-TFBGA	100-TQFP	100-TQFP	100-TQFP
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Series	MAX® II	MAX® II	MAX® II	MAX® II
Delay Time tpd(1) Max	5.4 ns	8.7 ns	5.4 ns	8.7 ns
Base Product Number	EPM570	-	EPM570	-
Supplier Device Package	100-MBGA (6x6)	100-TQFP (14x14)	100-TQFP (14x14)	100-TQFP (14x14)
Number of Logic Elements/Blocks	570	570	570	570
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)

EPM570M100I5N Datasheet PDF

Download EPM570M100I5N pdf datasheets and Intel documentation for EPM570M100I5N - Intel.

Datasheets

[Max II Device Order Guide.pdf](#)

Errata

[MAX II Device Family Errata.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

PCN Obsolescence/ EOL

[MAX II EOL-Reversal 19/Mar/2021.pdf](#)







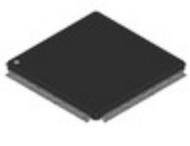

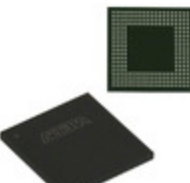
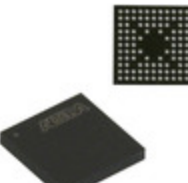
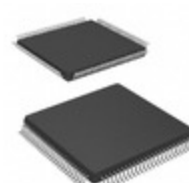
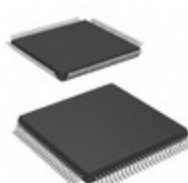
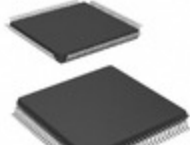
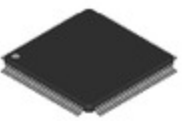
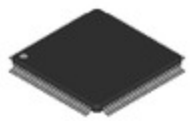
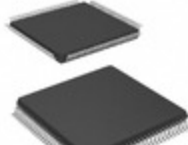


[Mult Dev EOL 4/Dec/2020.pdf](#)

PCN Design/Specification

[Quartus SW/Web Chgs 23/Sep/2021.pdf](#)

Customers Also Interested in

Recommended Products

					
EPM570T100A5NAB	EPM570T100C3	EPM570T100A5NAF	EPM570GT100I5N	EPM570T100A5NAC	EPM570GT144C5N
Intel IC CPLD 440MC 8.7NS 100TQFP	Intel IC CPLD 440MC 5.4NS 100TQFP	Intel IC CPLD 440MC 8.7NS 100TQFP	Intel IC CPLD 440MC 5.4NS 100TQFP	Intel IC CPLD 440MC 8.7NS 100TQFP	Intel IC CPLD 440MC 5.4NS 144TQFP
					
EPM570GT144C5	EPM570M100C4N	EPM570M256C5N	EPM570M100C5N	EPM570T100A5N	EPM570GT100I5
Altera IC CPLD 440MC 5.4NS 144TQFP	Intel IC CPLD 440MC 5.4NS 100MBGA	Intel IC CPLD 440MC 5.4NS 256MBGA	Intel IC CPLD 440MC 5.4NS 100MBGA	Intel IC CPLD 440MC 5.4NS 100TQFP	Intel IC CPLD 440MC 5.4NS 100TQFP
					
EPM570T100C4	EPM570GT100I5	EPM570T100C3	EPM570T100C3N	EPM570T100A5NAH	EPM570GT144I5N
Intel IC CPLD 440MC 5.4NS 100TQFP	Altera IC CPLD 440MC 5.4NS 100TQFP	Altera IC CPLD 440MC 5.4NS 100TQFP	Intel IC CPLD 440MC 5.4NS 100TQFP	Intel IC CPLD 440MC 8.7NS 100TQFP	Intel IC CPLD 440MC 5.4NS 144TQFP

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.

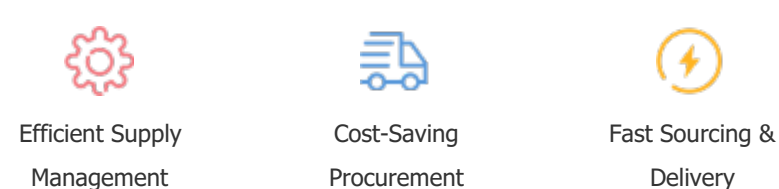
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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