

Image may be representation.
See specifications for product details.



EPM2210F256I5N

Manufacturer Part Number	EPM2210F256I5N
Manufacturer	Intel
Allelco Part Number	32D-EPM2210F256I5N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CPLD 1700MC 7NS 256FBGA
Package	256-BGA
Data sheet	Max II Device Order Guide.pdf
RoHs Status	RoHS Compliant

Get a Quote

EPM2210F256I5N - Intel.New Original in Stock. Download Linear Technology EPM2210F256I5N datasheet/specifications on AllelcoElec.com.
Request a quote for EPM2210F256I5N, please send us email: info@allelco.com

Specifications

EPM2210F256I5N Tech Specifications
EPM2210F256I5N - 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	1700
Supplier Device Package	256-FBGA (17x17)	Number of Logic Elements/Blocks	2210
Series	MAX® II	Number of I/O	204
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	256-BGA	Delay Time tpd(1) Max	7 ns
Package	Tray	Base Product Number	EPM2210

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM2210F256I5N

Product Attribute				
Part Number	EPM2210F256I5N	EPM2210F256C3	EPM2210F324C5	EPM2210F324C4N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	EPM2210	EPM2210	EPM2210	EPM2210
Series	MAX® II	MAX® II	MAX® II	MAX® II
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Logic Elements/Blocks	2210	2210	2210	2210
Package / Case	256-BGA	256-BGA	324-BGA	324-BGA
Voltage Supply - Internal	2.5V, 3.3V	2.5V, 3.3V	2.5V, 3.3V	2.5V, 3.3V
Package	Tray	Tray	Tray	Tray
Delay Time tpd(1) Max	7 ns	7 ns	7 ns	7 ns
Number of I/O	204	204	272	272
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Supplier Device Package	256-FBGA (17x17)	256-FBGA (17x17)	324-FBGA (19x19)	324-FBGA (19x19)
Number of Macrocells	1700	1700	1700	1700

EPM2210F256I5N Datasheet PDF

Download EPM2210F256I5N pdf datasheets and Intel documentation for EPM2210F256I5N - 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](#)

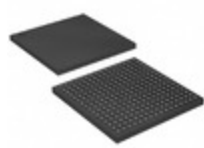
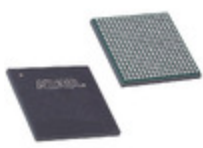
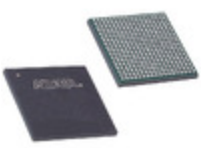
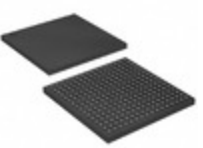
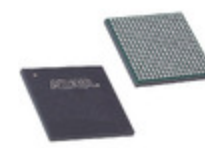
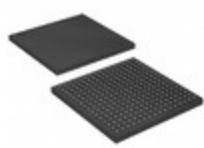

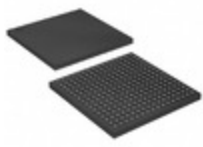
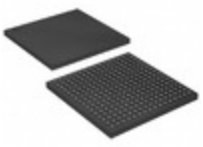
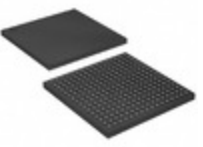
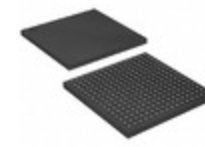
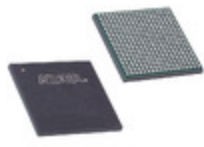
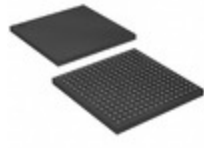

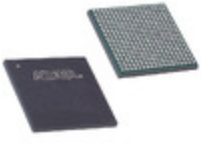
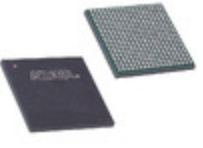
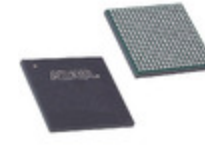

[Mult Dev EOL 4/Dec/2020.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products

					
EPM2210F256C3	EPM2210F324C5	EPM2210F324C4N	EPM2210F256C5	EPM2210F324C3	EPM2210F256C4
Intel IC CPLD 1700MC 7NS 256FBGA	Intel IC CPLD 1700MC 7NS 324FBGA	Intel IC CPLD 1700MC 7NS 324FBGA	Intel IC CPLD 1700MC 7NS 256FBGA	Intel IC CPLD 1700MC 7NS 324FBGA	Intel IC CPLD 1700MC 7NS 256FBGA
					
EPM2210F256C4/C5	EPM2210F256A5	EPM2210F256C5N	EPM2210F256C4N	EPM2210F256C3N	EPM2210F324I5
Altera (Intel)	Intel IC CPLD 1700MC 7NS 256FBGA	Intel IC CPLD 1700MC 7NS 256FBGA	Intel IC CPLD 1700MC 7NS 256FBGA	Intel IC CPLD 1700MC 7NS 256FBGA	Intel IC CPLD 1700MC 7NS 324FBGA
					
EPM2210F256A5N	EPM2210F256I4N	EPM2210F324C4	EPM2210F324C3N	EPM2210F324C5N	EPM2210F324C-5N
Intel IC CPLD 1700MC 7NS 256FBGA	Altera (Intel)	Intel IC CPLD 1700MC 7NS 324FBGA	Intel IC CPLD 1700MC 7NS 324FBGA	Intel IC CPLD 1700MC 7NS 324FBGA	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.

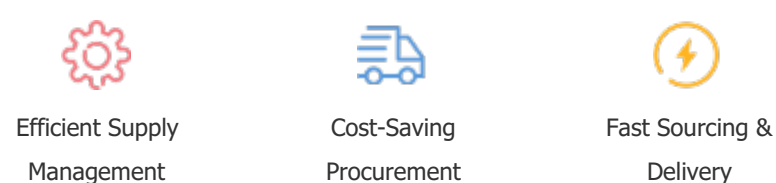
Contact us if you have any questions.

Payment Support

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



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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