

Image may be representation.
See specifications for product details.



EPM1270F256C4N

Manufacturer Part Number	EPM1270F256C4N
Manufacturer	Intel
Allelco Part Number	32D-EPM1270F256C4N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CPLD 980MC 6.2NS 256FBGA
Package	256-BGA
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	RoHS Compliant

Get a Quote

EPM1270F256C4N - Intel.New Original in Stock. Download Linear Technology EPM1270F256C4N datasheet/specifications on AllelcoElec.com.
Request a quote for EPM1270F256C4N, please send us email: info@allelco.com

Specifications

EPM1270F256C4N Tech Specifications

EPM1270F256C4N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage Supply - Internal	2.5V, 3.3V	Number of Macrocells	980
Supplier Device Package	256-FBGA (17x17)	Number of Logic Elements/Blocks	1270
Series	MAX® II	Number of I/O	212
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	256-BGA	Delay Time tpd(1) Max	6.2 ns
Package	Tray	Base Product Number	EPM1270

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM1270F256C4N

Product Attribute				
Part Number	EPM1270F256C4N	EPM1270F256C4	EPM1270GF256C4	EPM1270F256C5N
Manufacturer	Intel	Intel	Altera	Intel
Supplier Device Package	256-FBGA (17x17)	256-FBGA (17x17)	256-FBGA (17x17)	256-FBGA (17x17)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Voltage Supply - Internal	2.5V, 3.3V	2.5V, 3.3V	1.71V ~ 1.89V	2.5V, 3.3V
Package	Tray	Tray	Bulk	Tray
Package / Case	256-BGA	256-BGA	256-BGA	256-BGA
Number of Macrocells	980	980	980	980
Number of I/O	212	212	212	212
Number of Logic Elements/Blocks	1270	1270	1270	1270
Delay Time tpd(1) Max	6.2 ns	6.2 ns	6.2 ns	6.2 ns
Series	MAX® II	MAX® II	MAX® II	MAX® II
Base Product Number	EPM1270	EPM1270	-	EPM1270
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable

EPM1270F256C4N Datasheet PDF

Download EPM1270F256C4N pdf datasheets and Intel documentation for EPM1270F256C4N - Intel.

Datasheets

[Cylindrical Battery Holders.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](#)


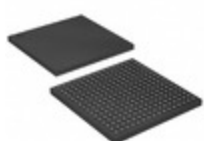



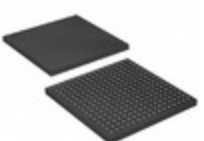
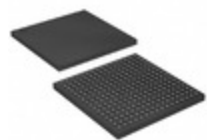
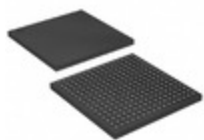

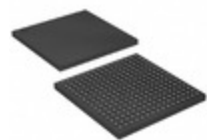
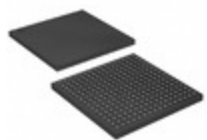
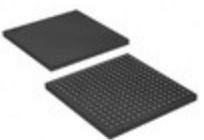


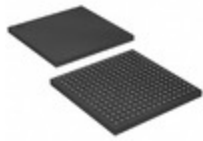
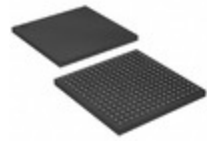

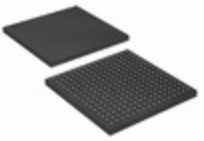
[Mult Dev EOL 4/Dec/2020.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products

					
EPM1270256C5N Altera (Intel)	EPM1270F256C4 Intel IC CPLD 980MC 6.2NS 256FBGA	EPM1270GF256C4 Altera (Intel) IC CPLD 980MC 6.2NS 256FBGA	EPM10K30ATI144-3N Altera (Intel)	EPM1270F256C5ES Altera (Intel)	EPM1270F256C5N Intel IC CPLD 980MC 6.2NS 256FBGA
					
EPM1270GF256C4 Intel IC CPLD 980MC 6.2NS 256FBGA	EPM1270F256I5 Intel IC CPLD 980MC 6.2NS 256FBGA	EPM1270F256C4ES Altera (Intel)	EPM1270GF256C3 Intel IC CPLD 980MC 6.2NS 256FBGA	EPM1270F256C5 Intel IC CPLD 980MC 6.2NS 256FBGA	EPM1270F256C3N Intel IC CPLD 980MC 6.2NS 256FBGA
					
EPM1270F256C5/N Altera (Intel)	EPM1270F256C5NRR Intel IC CPLD 980MC 10NS 256FBGA	EPM1270F256C3 Intel IC CPLD 980MC 6.2NS 256FBGA	EPM1270F256I5N Intel IC CPLD 980MC 6.2NS 256FBGA	EPM1270F256C5RR Intel IC CPLD 980MC 10NS 256FBGA	EPM1270GF256C3N Intel IC CPLD 980MC 6.2NS 256FBGA

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.

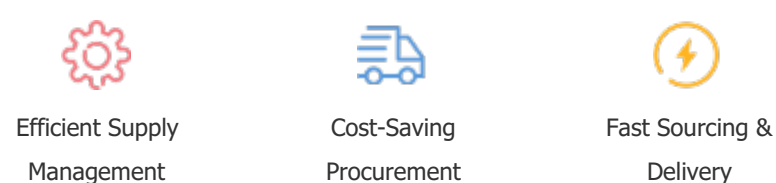
Contact us if you have any questions.

Payment Support

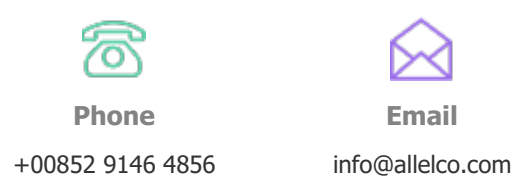
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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