

Image may be representation.
See specifications for product details.



EPM1270GF256I5

Manufacturer Part Number	EPM1270GF256I5
Manufacturer	Intel
Allelco Part Number	32D-EPM1270GF256I5
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 980MC 6.2NS 256FBGA
Package	256-BGA
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

EPM1270GF256I5 - Intel.New Original in Stock. Download Linear Technology EPM1270GF256I5 datasheet/specifications on AllelcoElec.com.
Request a quote for EPM1270GF256I5, please send us email: info@allelco.com

Specifications

EPM1270GF256I5 Tech Specifications
EPM1270GF256I5 - 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	1.71V ~ 1.89V	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 EPM1270GF256I5

Product Attribute				
Part Number	EPM1270GF256I5	EPM1270GT144C3N	EPM1270F256C5RR	EPM1270GM256C5N
Manufacturer	Intel	Intel	Intel	Intel
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	2.375V ~ 2.625V, 3V ~ 3.6V	1.71V ~ 1.89V
Number of Logic Elements/Blocks	1270	1270	1270	1270
Package	Tray	Tray	Tray	Tray
Number of I/O	212	116	212	212
Delay Time tpd(1) Max	6.2 ns	6.2 ns	10 ns	6.2 ns
Package / Case	256-BGA	144-LQFP	256-BGA	256-TFBGA
Base Product Number	EPM1270	EPM1270	-	EPM1270
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Supplier Device Package	256-FBGA (17x17)	144-TQFP (20x20)	256-FBGA (17x17)	256-MBGA (11x11)
Series	MAX® II	MAX® II	MAX® II	MAX® II
Number of Macrocells	980	980	980	980

EPM1270GF256I5 Datasheet PDF

Download EPM1270GF256I5 pdf datasheets and Intel documentation for EPM1270GF256I5 - 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](#)



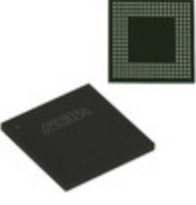
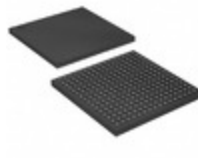


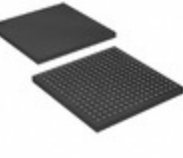
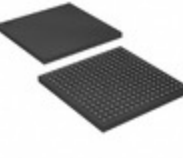
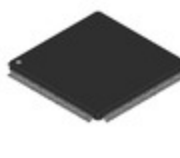
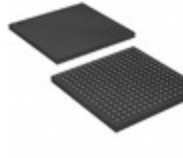
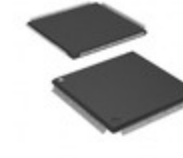
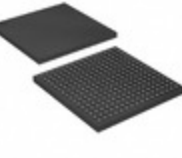
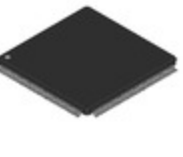

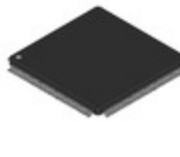
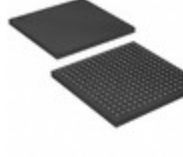
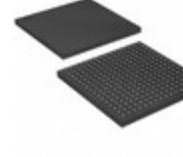

[Mult Dev EOL 4/Dec/2020.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products

					
EPM1270GT144C3N	EPM1270F256C5RR	EPM1270GM256C5N	EPM1270GF256C3	EPM1270GF256C4	EPM1270GT144C5N
Intel IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 10NS 256FBGA	Intel IC CPLD 980MC 6.2NS 256MBGA	Intel IC CPLD 980MC 6.2NS 256FBGA	Altera IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 144TQFP
					
EPM1270GF256C5N	EPM1270GF256I5N	EPM1270GT144C3	EPM1270GF256C3N	EPM1270GT144C4	EPM1270GF256C4
Intel IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 256FBGA	Altera IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 6.2NS 256FBGA
					
EPM1270GT144C5	EPM1270GT144C3	EPM1270GT144C3N	EPM1270GF256C5	EPM1270F256I5	EPM1270GT144C5
Altera IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 6.2NS 144TQFP	Altera IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 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.

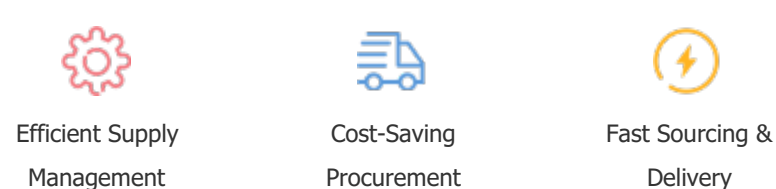
Contact us if you have any questions.

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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