



Image may be representation.  
See specifications for product details.



## EPM1270GT144C3N

Manufacturer Part Number	<b>EPM1270GT144C3N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EPM1270GT144C3N
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 980MC 6.2NS 144TQFP
Package	144-LQFP
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>RoHS Compliant</b>

**Get a Quote**

EPM1270GT144C3N - Intel.New Original in Stock. Download Linear Technology EPM1270GT144C3N datasheet/specifications on AllelcoElec.com.  
Request a quote for EPM1270GT144C3N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EPM1270GT144C3N Tech Specifications  
EPM1270GT144C3N - 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	1.71V ~ 1.89V	Number of Macrocells	980
Supplier Device Package	144-TQFP (20x20)	Number of Logic Elements/Blocks	1270
Series	MAX® II	Number of I/O	116
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	144-LQFP	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 EPM1270GT144C3N

Product Attribute				
Part Number	EPM1270GT144C3N	<b>EPM1270GF256I5N</b>	<b>EPM1270GT144C5</b>	<b>EPM1270M256C4N</b>
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Blocks	1270	1270	1270	1270
Base Product Number	EPM1270	EPM1270	EPM1270	EPM1270
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package / Case	144-LQFP	256-BGA	144-LQFP	256-TFBGA
Number of I/O	116	212	116	212
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	2.5V, 3.3V
Delay Time tpd(1) Max	6.2 ns	6.2 ns	6.2 ns	6.2 ns
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Series	MAX® II	MAX® II	MAX® II	MAX® II
Supplier Device Package	144-TQFP (20x20)	256-FBGA (17x17)	144-TQFP (20x20)	256-MBGA (11x11)
Package	Tray	Tray	Tray	Tray
Number of Macrocells	980	980	980	980
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### EPM1270GT144C3N Datasheet PDF

Download EPM1270GT144C3N pdf datasheets and Intel documentation for EPM1270GT144C3N - 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](#)

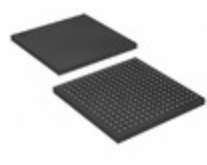

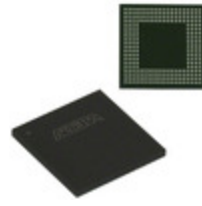
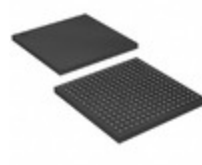
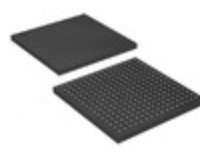
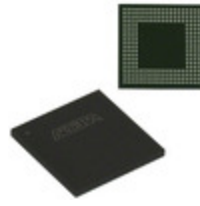

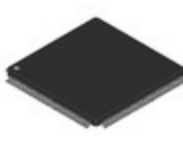
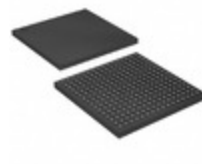




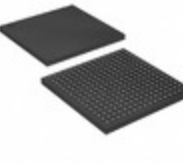
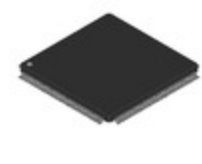
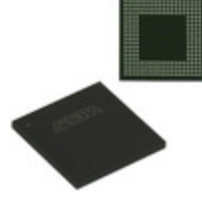
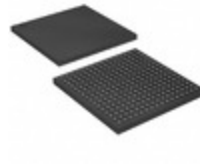
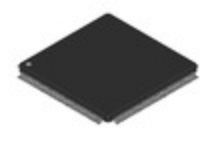
[Mult Dev EOL 4/Dec/2020.pdf](#)

#### PCN Design/Specification

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

### Customers Also Interested in

## Recommended Products

					
<b>EPM1270GF256I5N</b>	<b>EPM1270GT144C5</b>	<b>EPM1270M256C4N</b>	<b>EPM1270GF256C5</b>	<b>EPM1270GF256C5N</b>	<b>EPM1270GM256C5N</b>
Intel IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 6.2NS 256MBGA	Intel IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 256FBGA	Intel IC CPLD 980MC 6.2NS 256MBGA
					
<b>EPM1270GT144C4</b>	<b>EPM1270GT144C3</b>	<b>EPM1270GF256I5</b>	<b>EPM1270GT144C5N</b>	<b>EPM1270GT144I5N</b>	<b>EPM1270GF256C4</b>
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 144TQFP	Intel IC CPLD 980MC 6.2NS 144TQFP	Altera IC CPLD 980MC 6.2NS 256FBGA
					
<b>EPM1270GT144C3</b>	<b>EPM1270GF256C3N</b>	<b>EPM1270GT144C3N</b>	<b>EPM1270M256C5N</b>	<b>EPM1270GF256C4</b>	<b>EPM1270GT144C5</b>
Intel IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 6.2NS 256FBGA	Altera IC CPLD 980MC 6.2NS 144TQFP	Intel IC CPLD 980MC 6.2NS 256MBGA	Intel IC CPLD 980MC 6.2NS 256FBGA	Altera 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.

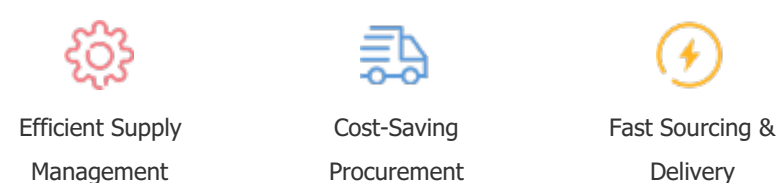
Contact us if you have any questions.

### Payment Support

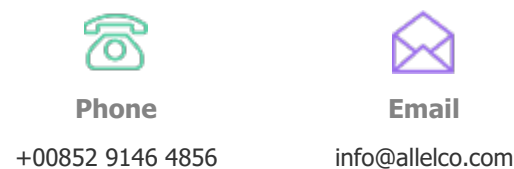
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



View More