



Image may be representation.  
See specifications for product details.



## EPM3128ATC100-5N

Manufacturer Part Number	<a href="#">EPM3128ATC100-5N</a>
Manufacturer	<a href="#">Intel</a>
Allelco Part Number	32D-EPM3128ATC100-5N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CPLD 128MC 5NS 100TQFP
Package	100-TQFP
Data sheet	<a href="#">MAX 3000A Device Family Data Sheet.pdf</a> <a href="#">100-TQFP Pkg Info.pdf</a>

**Get a Quote**

EPM3128ATC100-5N - Intel.New Original in Stock. Download Linear Technology EPM3128ATC100-5N datasheet/specifications on AllelcoElec.com.  
Request a quote for EPM3128ATC100-5N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

EPM3128ATC100-5N Tech Specifications  
EPM3128ATC100-5N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Number of Macrocells	128
Voltage Supply - Internal	3V ~ 3.6V	Number of Logic Elements/Blocks	8
Supplier Device Package	100-TQFP (14x14)	Number of I/O	80
Series	MAX® 3000A	Number of Gates	2500
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	100-TQFP	Delay Time tpd(1) Max	5 ns
Package	Tray	Base Product Number	EPM3128
Operating Temperature	0°C ~ 70°C (TA)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPM3128ATC100-5N

Product Attribute				
Part Number	EPM3128ATC100-5N	<a href="#">EPM3128ATC144-7</a>	<a href="#">EPM3128ATC144-5</a>	<a href="#">EPM3128ATC100-7N</a>
Manufacturer	Intel	Intel	Intel	Intel
Package	Tray	Tray	Tray	Tray
Number of Gates	2500	2500	2500	2500
Base Product Number	EPM3128	EPM3128	EPM3128	EPM3128
Delay Time tpd(1) Max	5 ns	7.5 ns	5 ns	7.5 ns
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Number of Logic Elements/Blocks	8	8	8	8
Number of Macrocells	128	128	128	128
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	MAX® 3000A	MAX® 3000A	MAX® 3000A	MAX® 3000A
Voltage Supply - Internal	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Package / Case	100-TQFP	144-LQFP	144-LQFP	100-TQFP
Supplier Device Package	100-TQFP (14x14)	144-TQFP (20x20)	144-TQFP (20x20)	100-TQFP (14x14)
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of I/O	80	96	96	80

### EPM3128ATC100-5N Datasheet PDF

Download EPM3128ATC100-5N pdf datasheets and Intel documentation for EPM3128ATC100-5N - Intel.

#### Datasheets

- [MAX 3000A Device Family Data Sheet.pdf](#)
- [100-TQFP Pkg Info.pdf](#)

#### PCN Packaging

- [All Dev Pkg Chg 1/Aug/2018.pdf](#)
- [Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

#### PCN Other

- [Software Disc 06/Nov/2020.pdf](#)

#### PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)
- [Appearance Update 30/Mar/2015.pdf](#)

#### Errata

- [MAX7000AE\(B\)/3000A Errata.pdf](#)



Mult Device EOL 1/Jan/2017.pdf

## Customers Also Interested in

### Recommended Products



**EPM3128ATC144-10S**

Altera (Intel)



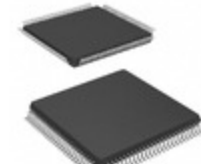
**EPM3128ATC144-7**

Intel  
IC CPLD 128MC 7.5NS 144TQFP



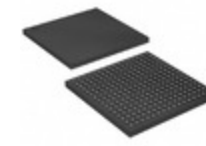
**EPM3128ATC144-5**

Intel  
IC CPLD 128MC 5NS 144TQFP



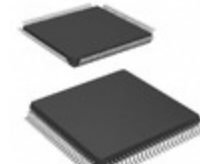
**EPM3128ATC100-7N**

Intel  
IC CPLD 128MC 7.5NS 100TQFP



**EPM3128AFI256-10N**

Intel  
IC CPLD 128MC 10NS 256FBGA



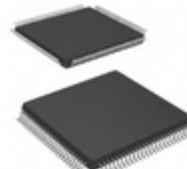
**EPM3128ATC100-5**

Intel  
IC CPLD 128MC 5NS 100TQFP



**EPM3128ATC100-10N**

Intel  
IC CPLD 128MC 10NS 100TQFP



**EPM3128ATC100-10**

Intel  
IC CPLD 128MC 10NS 100TQFP



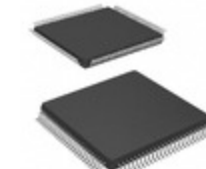
**EPM3128ATC100-7AB**

Altera (Intel)



**EPM3128ATC100-10S**

Altera (Intel)



**EPM3128ATC100-7**

Intel  
IC CPLD 128MC 7.5NS 100TQFP



**EPM3128ATC144-10**

Intel  
IC CPLD 128MC 10NS 144TQFP



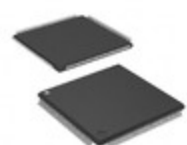
**EPM3064TC100**

Altera (Intel)



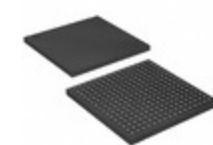
**EPM3128ATC144-7N**

Intel  
IC CPLD 128MC 7.5NS 144TQFP



**EPM3128ATC144-5N**

Intel  
IC CPLD 128MC 5NS 144TQFP



**EPM3128AFC256-7N**

Intel  
IC CPLD 128MC 7.5NS 256FBGA



**EPM3120ATC100-10N**

Altera (Intel)



**EPM3128ATC144-10N**

Intel  
IC CPLD 128MC 10NS 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Email

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### Certifications & Memberships



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