

Image may be representation.  
See specifications for product details.



## 5M1270ZF256C4N

Manufacturer Part Number	<b>5M1270ZF256C4N</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-5M1270ZF256C4N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CPLD 980MC 6.2NS 256FBGA
Package	256-LBGA
Data sheet	<a href="#">MAX V Datasheet.pdf</a> <a href="#">MAX V Handbook.pdf</a>
RoHS Status	RoHS Compliant

**Get a Quote**

5M1270ZF256C4N - Intel.New Original in Stock. Download Linear Technology 5M1270ZF256C4N datasheet/specifications on AllelcoElec.com.  
Request a quote for 5M1270ZF256C4N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

5M1270ZF256C4N Tech Specifications  
5M1270ZF256C4N - 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	256-FBGA (17x17)	Number of Logic Elements/Blocks	1270
Series	MAX® V	Number of I/O	211
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	256-LBGA	Delay Time tpd(1) Max	6.2 ns
Package	Tray	Base Product Number	5M1270

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5M1270ZF256C4N

Product Attribute				
Part Number	5M1270ZF256C4N	5M160ZE64A5N	5M160ZE64I5N	5M160ZE64C4N
Manufacturer	Intel	Intel	Intel	Intel
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Series	MAX® V	MAX® V	MAX® V	MAX® V
Number of I/O	211	54	54	54
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Package / Case	256-LBGA	64-TQFP Exposed Pad	64-TQFP Exposed Pad	64-TQFP Exposed Pad
Package	Tray	Tray	Tray	Tray
Number of Macrocells	980	128	128	128
Base Product Number	5M1270	5M160Z	5M160Z	5M160Z
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	256-FBGA (17x17)	64-EQFP (7x7)	64-EQFP (7x7)	64-EQFP (7x7)
Delay Time tpd(1) Max	6.2 ns	7.5 ns	7.5 ns	7.5 ns
Number of Logic Elements/Blocks	1270	160	160	160

### 5M1270ZF256C4N Datasheet PDF

Download 5M1270ZF256C4N pdf datasheets and Intel documentation for 5M1270ZF256C4N - Intel.

#### HTML Datasheet

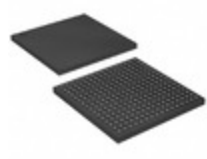
[MAX V Datasheet.pdf](#)

[MAX V Handbook.pdf](#)

### Customers Also Interested in

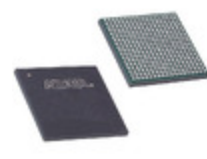
#### Recommended Products

<b>5M160ZE64A5N</b>	<b>5M160ZE64I4N</b>	<b>5M160ZE64I5N</b>	<b>5M160ZE64C4N</b>	<b>5M1270ZT144C5N</b>	<b>5M1270ZF324C5N</b>
Intel	Altera (Intel)	Intel	Intel	Intel	Intel
IC CPLD 128MC 7.5NS 64EQFP		IC CPLD 128MC 7.5NS 64EQFP	IC CPLD 128MC 7.5NS 64EQFP	IC CPLD 980MC 6.2NS 144TQFP	IC CPLD 980MC 6.2NS 324FBGA
<b>5M1270ZF256I5N</b>	<b>5M160ZE64C5N</b>	<b>5M1270ZF324C4N</b>	<b>5M1270ZF256C5N</b>	<b>5M1270ZT144C4N</b>	<b>5M1270ZT144A5N</b>
Intel	Intel	Intel	Intel	Intel	Intel
IC CPLD 980MC 6.2NS 256FBGA	IC CPLD 128MC 7.5NS 64EQFP	IC CPLD 980MC 6.2NS 324FBGA	IC CPLD 980MC 6.2NS 256FBGA	IC CPLD 980MC 6.2NS 144TQFP	IC CPLD 980MC 6.2NS 144TQFP



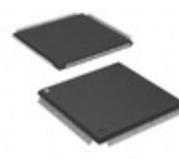
**5M1270ZF256A5N**

Intel  
IC CPLD 980MC 6.2NS 256FBGA



**5M1270ZF324I5N**

Intel  
IC CPLD 980MC 6.2NS 324FBGA



**5M1270ZT144I5N**

Intel  
IC CPLD 980MC 6.2NS 144TQFP



**5M1270T144C5N**

Altera (Intel)



**5M160ZE64A4N**

Intel



**5M160ZE64A5N5M160ZE**

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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