

Image may be representation.
See specifications for product details.



5M570ZF256C4N

Manufacturer Part Number	5M570ZF256C4N
Manufacturer	Intel
Allelco Part Number	32D-5M570ZF256C4N
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 440MC 9NS 256FBGA
Package	256-LBGA
Data sheet	MAX V Datasheet.pdf MAX V Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

5M570ZF256C4N - Intel.New Original in Stock. Download Linear Technology 5M570ZF256C4N datasheet/specifications on AllelcoElec.com.
Request a quote for 5M570ZF256C4N, please send us email: info@allelco.com

Specifications

5M570ZF256C4N Tech Specifications

5M570ZF256C4N - 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	440
Supplier Device Package	256-FBGA (17x17)	Number of Logic Elements/Blocks	570
Series	MAX® V	Number of I/O	159
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	256-LBGA	Delay Time tpd(1) Max	9 ns
Package	Tray	Base Product Number	5M570Z

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5M570ZF256C4N

Product Attribute				
Part Number	5M570ZF256C4N	5M570ZM100C5N	5M570ZM100I5N	LA4032ZC-75TN48E
Manufacturer	Intel	Intel	Intel	Lattice Semiconductor Corporation
Supplier Device Package	256-FBGA (17x17)	100-MBGA (6x6)	100-MBGA (6x6)	48-TQFP (7x7)
Series	MAX® V	MAX® V	MAX® V	LA-ispMACH
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.7V ~ 1.9V
Number of Logic Elements/Blocks	570	570	570	-
Package / Case	256-LBGA	100-TFBGA	100-TFBGA	48-TQFP
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TA)
Package	Tray	Tray	Tray	Tray
Delay Time tpd(1) Max	9 ns	9 ns	9 ns	7.5 ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Base Product Number	5M570Z	5M570Z	5M570Z	LA4032
Number of I/O	159	74	74	32
Number of Macrocells	440	440	440	32

5M570ZF256C4N Datasheet PDF

Download 5M570ZF256C4N pdf datasheets and Intel documentation for 5M570ZF256C4N - Intel.

HTML Datasheet

[MAX V Datasheet.pdf](#)

[MAX V Handbook.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

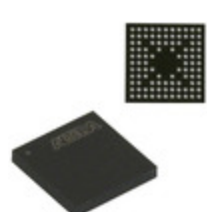
PCN Design/Specification

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

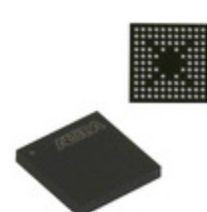
[Mult Dev Software Chgs 3/Jun/2021.pdf](#)

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Recommended Products



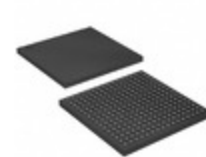
5M570ZM100C5N
Intel
IC CPLD 440MC 9NS 100MBGA



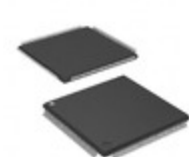
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Intel
IC CPLD 440MC 9NS 100MBGA



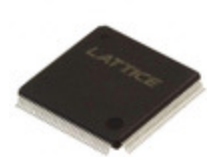
LA4032ZC-75TN48E
Lattice Semiconductor Corporation



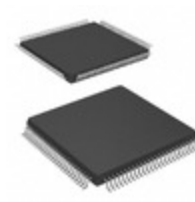
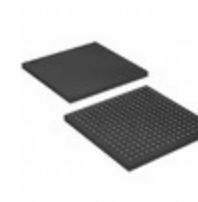
5M570ZF256I5N
Intel
IC CPLD 440MC 9NS 256FBGA



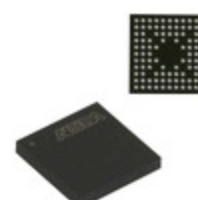
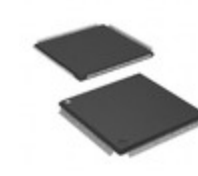
5M570ZT144C4N
Intel
IC CPLD 440MC 9NS 144TQFP



LC4128C-75TN128C
Lattice Semiconductor Corporation

**XCR3128XL-10VQ100I**AMD
IC CPLD 128MC 9.1NS 100VQFP**5M570ZT100A5N**Intel
IC CPLD 440MC 9NS 100TQFP**5M570ZT100I5N**Intel
IC CPLD 440MC 9NS 100TQFP**5M570ZT100C4N**Intel
IC CPLD 440MC 9NS 100TQFP**5M570ZT100C5N**Intel
IC CPLD 440MC 9NS 100TQFP**5M570ZF256C5N**Intel
IC CPLD 440MC 9NS 256FBGA**LC4032ZC-5T48C**Lattice Semiconductor Corporation
IC CPLD 32MC 5NS 48TQFP**EPM7512BFC256-5N**Altera
IC CPLD 512MC 5.5NS 256FBGA**5M570ZT144I5N**Intel
IC CPLD 440MC 9NS 144TQFP**5M570ZM100C4/I5N**

Altera (Intel)

**5M570ZM100C4N**Intel
IC CPLD 440MC 9NS 100MBGA**5M570ZT144C5N**Intel
IC CPLD 440MC 9NS 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.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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