

Image may be representation.
See specifications for product details.



5M80ZM68I5N

Manufacturer Part Number	5M80ZM68I5N
Manufacturer	Intel
Allelco Part Number	32D-5M80ZM68I5N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CPLD 64MC 7.5NS 68MBGA
Package	68-TFBGA
Data sheet	MAX V Datasheet.pdf MAX V Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

5M80ZM68I5N - Intel.New Original in Stock. Download Linear Technology 5M80ZM68I5N datasheet/specifications on AllelcoElec.com.
Request a quote for 5M80ZM68I5N, please send us email: info@allelco.com

Specifications

5M80ZM68I5N Tech Specifications

5M80ZM68I5N - 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	64
Supplier Device Package	68-MBGA (5x5)	Number of Logic Elements/Blocks	80
Series	MAX® V	Number of I/O	52
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	68-TFBGA	Delay Time tpd(1) Max	7.5 ns
Package	Tray	Base Product Number	5M80Z

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5M80ZM68I5N

Product Attribute				
Part Number	5M80ZM68I5N	5M80ZT100A5N	LC4256ZC-75T176C	5M80ZM64C5N
Manufacturer	Intel	Intel	Lattice Semiconductor Corporation	Intel
Supplier Device Package	68-MBGA (5x5)	100-TQFP (14x14)	176-TQFP (24x24)	64-MBGA (4.5x4.5)
Package	Tray	Tray	Tray	Tray
Base Product Number	5M80Z	5M80Z	LC4256	5M80Z
Series	MAX® V	MAX® V	ispMACH® 4000Z	MAX® V
Delay Time tpd(1) Max	7.5 ns	7.5 ns	7.5 ns	7.5 ns
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	1.7V ~ 1.9V	1.71V ~ 1.89V
Number of Logic Elements/Blocks	80	80	16	80
Package / Case	68-TFBGA	100-TQFP	176-LQFP	64-TFBGA
Number of Macrocells	64	64	256	64
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 90°C (TJ)	0°C ~ 85°C (TJ)
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	52	79	128	30

5M80ZM68I5N Datasheet PDF

Download 5M80ZM68I5N pdf datasheets and Intel documentation for 5M80ZM68I5N - 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](#)

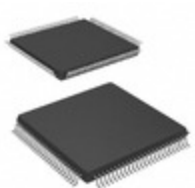
PCN Design/Specification

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

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

Customers Also Interested in

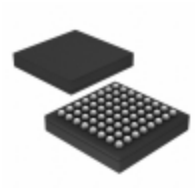
Recommended Products



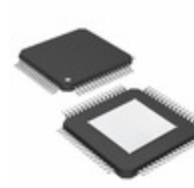
5M80ZT100A5N
Intel
IC CPLD 64MC 7.5NS 100TQFP



LC4256ZC-75T176C
Lattice Semiconductor Corporation



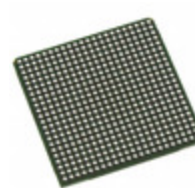
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Intel
IC CPLD 64MC 7.5NS 64MBGA



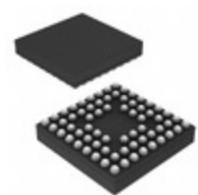
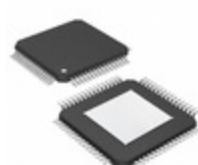
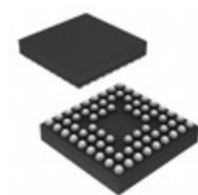
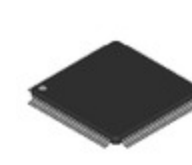
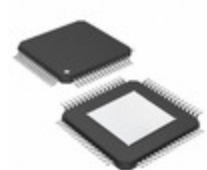
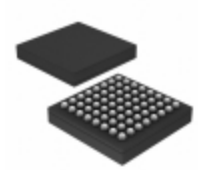
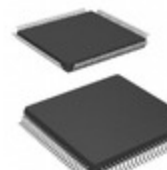
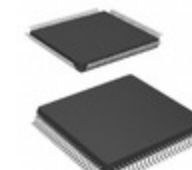
5M80ZE64C4N
Intel
IC CPLD 64MC 7.5NS 64EQFP



5M80ZT100I5N
Intel
IC CPLD 64MC 7.5NS 100TQFP



LC51024MV-75FN484C
Lattice Semiconductor Corporation

**LC4512V-10T176I**Lattice Semiconductor Corporation
IC CPLD 512MC 10NS 176TQFP**5M80ZM68C4N**Intel
IC CPLD 64MC 7.5NS 68MBGA**5M80ZE64I5N**Intel
IC CPLD 64MC 7.5NS 64EQFP**5M80ZM68C5N**Intel
IC CPLD 64MC 7.5NS 68MBGA**XCR3032XL-7VQG44C**AMD
IC CPLD 32MC 7NS 44VQFP**EPM570GT100I5**Altera
IC CPLD 440MC 5.4NS 100TQFP**5M80ZE64A5N**Intel
IC CPLD 64MC 7.5NS 64EQFP**5M80ZE64C5N**Intel
IC CPLD 64MC 7.5NS 64EQFP**5M80ZM64I5N**Intel
IC CPLD 64MC 7.5NS 64MBGA**EPM7064SLC44-10**Intel
IC CPLD 64MC 10NS 44PLCC**5M240ZT100A5N**Intel
IC CPLD 192MC 7.5NS 100TQFP**5M80ZT100C5N**Intel
IC CPLD 64MC 7.5NS 100TQFP

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



View More

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