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See specifications for product details.



5M40ZE64C4N

Manufacturer Part Number	5M40ZE64C4N
Manufacturer	Intel
Allelco Part Number	32D-5M40ZE64C4N
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CPLD 32MC 7.5NS 64EQFP
Package	64-TQFP Exposed Pad
Data sheet	MAX V Datasheet.pdf MAX V Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

5M40ZE64C4N - Intel.New Original in Stock. Download Linear Technology 5M40ZE64C4N datasheet/specifications on AllelcoElec.com.
Request a quote for 5M40ZE64C4N, please send us email: info@allelco.com

Specifications

5M40ZE64C4N Tech Specifications

5M40ZE64C4N - 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	32
Supplier Device Package	64-EQFP (7x7)	Number of Logic Elements/Blocks	40
Series	MAX® V	Number of I/O	54
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	64-TQFP Exposed Pad	Delay Time tpd(1) Max	7.5 ns
Package	Tray	Base Product Number	5M40Z

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5M40ZE64C4N

Product Attribute				
Part Number	5M40ZE64C4N	5M40ZM64C5N	M4A5-128/64-12YNI	EPM2210F32415N
Manufacturer	Intel	Intel	Lattice Semiconductor Corporation	Intel
Delay Time tpd(1) Max	7.5 ns	7.5 ns	12 ns	7 ns
Package	Tray	Tray	Tray	Tray
Number of I/O	54	30	64	272
Number of Macrocells	32	32	128	1700
Package / Case	64-TQFP Exposed Pad	64-TFBGA	100-BQFP	324-BGA
Base Product Number	5M40Z	5M40Z	M4A5-128	EPM2210
Series	MAX® V	MAX® V	ispMACH® 4A	MAX® II
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	4.5V ~ 5.5V	2.5V, 3.3V
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 85°C (TA)	-40°C ~ 100°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
Supplier Device Package	64-EQFP (7x7)	64-MBGA (4.5x4.5)	100-PQFP (14x20)	324-FBGA (19x19)
Number of Logic Elements/Blocks	40	40	-	2210

5M40ZE64C4N Datasheet PDF

Download 5M40ZE64C4N pdf datasheets and Intel documentation for 5M40ZE64C4N - Intel.

HTML Datasheet

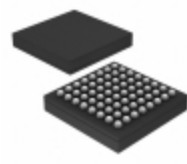
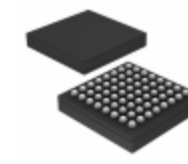
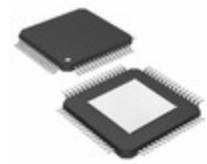
[MAX V Datasheet.pdf](#)

[MAX V Handbook.pdf](#)

Customers Also Interested in

Recommended Products

 5M40ZM64C5N Intel IC CPLD 32MC 7.5NS 64MBGA	 M4A5-128/64-12YNI Lattice Semiconductor Corporation IC CPLD 128MC 12NS 100QFP	 EPM2210F32415N Intel IC CPLD 1700MC 7NS 324FBGA	 EPM7128BFC100-4 Intel IC CPLD 128MC 4NS 100FBGA	 5M2210ZF256I5N Intel IC CPLD 1700MC 7NS 256FBGA	 LA4032V-75TN48E Lattice Semiconductor Corporation IC CPLD 32MC 7.5NS 48TQFP
 EPM1270GF256I5N Intel IC CPLD 980MC 6.2NS 256FBGA	 LC4064ZE-7TN48C Lattice Semiconductor Corporation	 5M40ZE64C5N Intel IC CPLD 32MC 7.5NS 64EQFP	 GAL22V10D-7LJN Lattice Semiconductor Corporation	 EPM3064ALC44-10 Intel IC CPLD 64MC 10NS 44PLCC	 XC9572XL-7VQG64C AMD IC CPLD 72MC 7.5NS 64VQFP

**CY37032P44-125AXC**Infineon Technologies
IC CPLD 32MC 10NS 44TQFP**5M40ZM64I5N**Intel
IC CPLD 32MC 7.5NS 64MBGA**GAL20V8B-15QJ**Lattice Semiconductor Corporation
IC CPLD 8MC 15NS 28PLCC**XC2C384-10FTG256I**AMD
IC CPLD 384MC 9.2NS 256FTBGA**5M40ZM64C4N**Intel
IC CPLD 32MC 7.5NS 64MBGA**5M40ZE64A5N**Intel
IC CPLD 32MC 7.5NS 64EQFP

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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Certifications & Memberships



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