



Image may be representation.
See specifications for product details.



5M240ZT144I5N

Manufacturer Part Number	5M240ZT144I5N
Manufacturer	Intel
Allelco Part Number	32D-5M240ZT144I5N
ECAD Model	Request Free CAD Models
Parts Description	IC CPLD 192MC 7.5NS 144TQFP
Package	144-LQFP
Data sheet	MAX V Datasheet.pdf MAX V Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

5M240ZT144I5N - Intel.New Original in Stock. Download Linear Technology 5M240ZT144I5N datasheet/specifications on AllelcoElec.com.
Request a quote for 5M240ZT144I5N, please send us email: info@allelco.com

Specifications

5M240ZT144I5N Tech Specifications

5M240ZT144I5N - 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	192
Supplier Device Package	144-TQFP (20x20)	Number of Logic Elements/Blocks	240
Series	MAX® V	Number of I/O	114
Programmable Type	In System Programmable	Mounting Type	Surface Mount
Package / Case	144-LQFP	Delay Time tpd(1) Max	7.5 ns
Package	Tray	Base Product Number	5M240Z

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5M240ZT144I5N

Product Attribute				
Part Number	5M240ZT144I5N	5M2210ZF256I5	5M2210ZF324I5N	5M240ZM68C5N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Number of Logic Elements/Blocks	240	2210	2210	240
Package	Tray	Tray	Tray	Tray
Series	MAX® V	MAX® V	MAX® V	MAX® V
Supplier Device Package	144-TQFP (20x20)	256-FBGA (17x17)	324-FBGA (19x19)	68-MBGA (5x5)
Number of I/O	114	203	271	52
Base Product Number	5M240Z	5M2210Z	5M2210Z	5M240Z
Package / Case	144-LQFP	256-LBGA	324-LBGA	68-TFBGA
Delay Time tpd(1) Max	7.5 ns	7 ns	7 ns	7.5 ns
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Number of Macrocells	192	1700	1700	192
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

5M240ZT144I5N Datasheet PDF

Download 5M240ZT144I5N pdf datasheets and Intel documentation for 5M240ZT144I5N - 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](#)

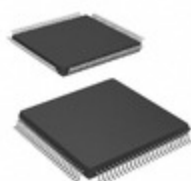
Customers Also Interested in

Recommended Products

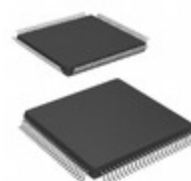
5M2210ZF256I5	5M2210ZF324I5N	5M240ZM68C5N	5M240ZM100C5N	5M240ZT100C4N	5M2210ZF256C5N
Intel	Intel	Intel	Intel	Intel	Intel
IC CPLD 1700MC 7NS 256FBGA	IC CPLD 1700MC 7NS 324FBGA	IC CPLD 192MC 7.5NS 68MBGA	IC CPLD 192MC 7.5NS 100MBGA	IC CPLD 192MC 7.5NS 100TQFP	IC CPLD 1700MC 7NS 256FBGA

**5M240ZT144C4N**Intel
IC CPLD 192MC 7.5NS 144TQFP**5M240ZM100C4/I5N**

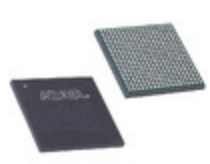
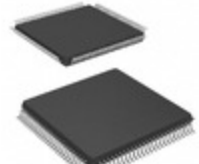
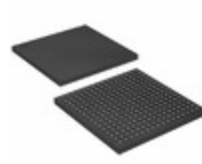
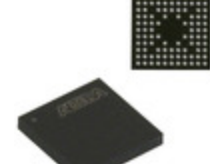
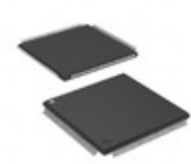
Altera (Intel)

**5M240ZT100I5N**Intel
IC CPLD 192MC 7.5NS 100TQFP**5M240ZM100C5**

Altera (Intel)

**5M240ZT100C5N**Intel
IC CPLD 192MC 7.5NS 100TQFP**5M240ZT100C5N-UQ2**

Altera (Intel)

**5M2210ZF324C5N**Intel
IC CPLD 1700MC 7NS 324FBGA**5M240ZT100A5N**Intel
IC CPLD 192MC 7.5NS 100TQFP**5M2210ZF256I5N**Intel
IC CPLD 1700MC 7NS 256FBGA**5M240ZM100I5N**Intel
IC CPLD 192MC 7.5NS 100MBGA**5M240ZT144C5N**Intel
IC CPLD 192MC 7.5NS 144TQFP**5M240ZM100C4N**Intel
IC CPLD 192MC 7.5NS 100MBGA

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.

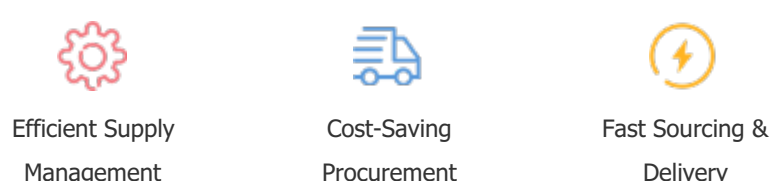
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com