



Image may be representation.
See specifications for product details.



5M1270ZT144I5N

Manufacturer Part Number	5M1270ZT144I5N
Manufacturer	Intel
Allelco Part Number	32D-5M1270ZT144I5N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CPLD 980MC 6.2NS 144TQFP
Package	144-LQFP
Data sheet	MAX V Datasheet.pdf MAX V Handbook.pdf
RoHs Status	RoHS Compliant

Get a Quote

5M1270ZT144I5N - Intel.New Original in Stock. Download Linear Technology 5M1270ZT144I5N datasheet/specifications on AllelcoElec.com.
Request a quote for 5M1270ZT144I5N, please send us email: info@allelco.com

Specifications

5M1270ZT144I5N Tech Specifications

5M1270ZT144I5N - 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	980
Supplier Device Package	144-TQFP (20x20)	Number of Logic Elements/Blocks	1270
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	6.2 ns
Package	Tray	Base Product Number	5M1270

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 5M1270ZT144I5N

Product Attribute				
Part Number	5M1270ZT144I5N	5M160ZE64I5N	5M160ZE64A5N	5M160ZE64C5N
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	144-LQFP	64-TQFP Exposed Pad	64-TQFP Exposed Pad	64-TQFP Exposed Pad
Supplier Device Package	144-TQFP (20x20)	64-EQFP (7x7)	64-EQFP (7x7)	64-EQFP (7x7)
Number of I/O	114	54	54	54
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 85°C (TJ)
Base Product Number	5M1270	5M160Z	5M160Z	5M160Z
Series	MAX® V	MAX® V	MAX® V	MAX® V
Delay Time tpd(1) Max	6.2 ns	7.5 ns	7.5 ns	7.5 ns
Voltage Supply - Internal	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V	1.71V ~ 1.89V
Package	Tray	Tray	Tray	Tray
Programmable Type	In System Programmable	In System Programmable	In System Programmable	In System Programmable
Number of Logic Elements/Blocks	1270	160	160	160
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Macrocells	980	128	128	128

5M1270ZT144I5N Datasheet PDF

Download 5M1270ZT144I5N pdf datasheets and Intel documentation for 5M1270ZT144I5N - Intel.

HTML Datasheet

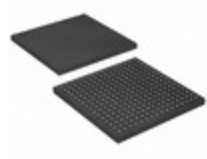
[MAX V Datasheet.pdf](#)

[MAX V Handbook.pdf](#)

Customers Also Interested in

Recommended Products

5M160ZE64I5N	5M160ZE64A5N	5M160ZE64C5N	5M1270ZF324C5N	5M160ZE64A4N	5M1270ZF324C4N
Intel	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 324FBGA		IC CPLD 980MC 6.2NS 324FBGA
5M1270ZF256C5N	5M160ZE64I4N	5M1270ZT144A5N	5M160ZM100C4N	5M1270ZF256I5N	5M160ZE64C4N
Intel	Altera (Intel)	Intel	Intel	Intel	Intel
IC CPLD 980MC 6.2NS 256FBGA		IC CPLD 980MC 6.2NS 144TQFP	IC CPLD 128MC 7.5NS 100MBGA	IC CPLD 980MC 6.2NS 256FBGA	IC CPLD 128MC 7.5NS 64EQFP



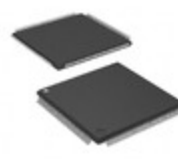
5M1270ZF256C4N

Intel
IC CPLD 980MC 6.2NS 256FBGA



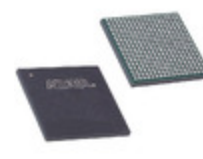
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Intel



5M1270ZT144C5N

Intel
IC CPLD 980MC 6.2NS 144TQFP



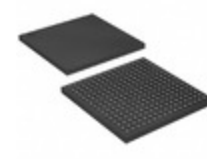
5M1270ZF324I5N

Intel
IC CPLD 980MC 6.2NS 324FBGA



5M1270ZT144C4N

Intel
IC CPLD 980MC 6.2NS 144TQFP



5M1270ZF256A5N

Intel
IC CPLD 980MC 6.2NS 256FBGA

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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