

Image may be representation.
See specifications for product details.



10M40DCF672C8G

Manufacturer Part Number **10M40DCF672C8G**

Manufacturer **Intel**

Allelco Part Number **32D-10M40DCF672C8G**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 500 I/O 672FBGA**

Package **672-BGA**

Data sheet [MAX 10 FPGA Device Datasheet.pdf](#)

[MAX 10 FPGA Overview ~.pdf](#)

[MAX 10 User Guide.pdf](#)

RoHs Status **RoHS Compliant**

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10M40DCF672C8G - Intel.New Original in Stock. Download Linear Technology 10M40DCF672C8G datasheet/specifications on AllelcoElec.com.
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Specifications

10M40DCF672C8G Tech Specifications

10M40DCF672C8G - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package	Tray
Voltage - Supply	1.15V ~ 1.25V	Operating Temperature	0°C ~ 85°C (TJ)
Total RAM Bits	1290240	Number of Logic Elements/Cells	40000
Supplier Device Package	672-FBGA (27x27)	Number of LABs/CLBs	2500
Series	MAX® 10	Number of I/O	500
Package / Case	672-BGA	Mounting Type	Surface Mount

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10M40DCF672C8G

Product Attribute				
Part Number	10M40DCF672C8G	10M40DAF484C7G	10M50DAF484C7G	10M50DAF484C8G
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Supplier Device Package	672-FBGA (27x27)	484-FBGA (23x23)	484-FBGA (23x23)	484-FBGA (23x23)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	1290240	1290240	1677312	1677312
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Package / Case	672-BGA	484-BGA	484-BGA	484-BGA
Number of I/O	500	360	360	360
Number of Logic Elements/Cells	40000	40000	50000	50000
Number of LABs/CLBs	2500	2500	3125	3125

10M40DCF672C8G Datasheet PDF

Download 10M40DCF672C8G pdf datasheets and Intel documentation for 10M40DCF672C8G - Intel.

Datasheets

[MAX 10 FPGA Overview ~.pdf](#)

[MAX 10 User Guide.pdf](#)

PCN Packaging

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

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

HTML Datasheet

[MAX 10 FPGA Device Datasheet.pdf](#)

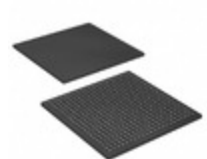
PCN Design/Specification

[Max10 Pin Guide 3/Dec/2021.pdf](#)

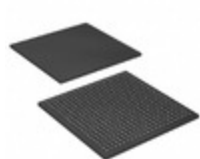
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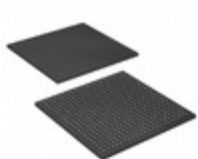
Recommended Products



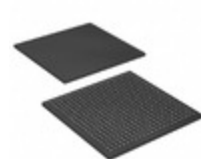
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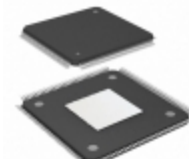
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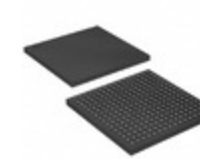
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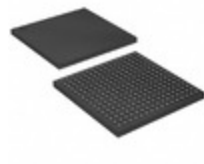
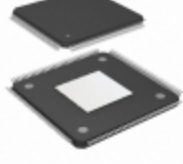
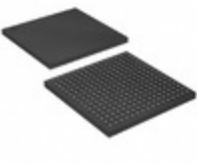
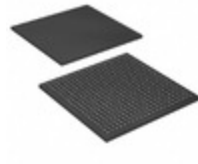
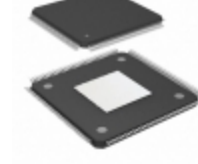
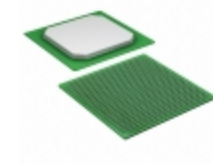
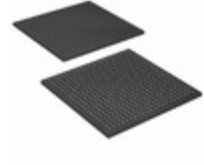
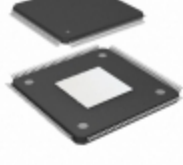
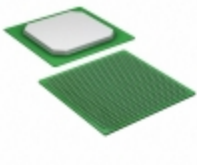
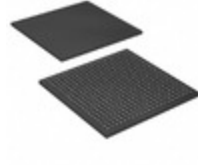
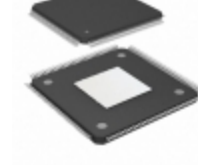
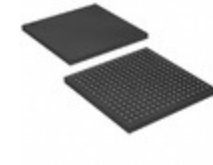
10M25DCF484C8G



10M25SCE144C8G



10M50DAF256I7G

Intel IC FPGA 360 I/O 484FBGA	Intel IC FPGA 360 I/O 484FBGA	Intel IC FPGA 360 I/O 484FBGA	Intel IC FPGA 360 I/O 484FBGA	Intel IC FPGA 101 I/O 144EQFP	Intel IC FPGA 178 I/O 256FBGA
					
10M50DCF256I7G Intel IC FPGA 178 I/O 256FBGA	10M25SAE144I7G Intel IC FPGA 101 I/O 144EQFP	10M25DCF256C7G Intel IC FPGA 178 I/O 256FBGA	10M50DAF484I7G Intel IC FPGA 360 I/O 484FBGA	10M50SAE144I7G Intel IC FPGA 101 I/O 144EQFP	10M40DAF672I7G Intel IC FPGA 500 I/O 672FBGA
					
10M50DCF484C8G Intel IC FPGA 360 I/O 484FBGA	10M25SAE144C8G Intel IC FPGA 101 I/O 144EQFP	10M50DAF672I6G Intel IC FPGA 500 I/O 672FBGA	10M40DAF484I7G Intel IC FPGA 360 I/O 484FBGA	10M25SCE144I7G Intel IC FPGA 101 I/O 144EQFP	10M25DCF256I7G Intel IC FPGA 178 I/O 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.



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