

Image may be representation.  
See specifications for product details.



## 10M50DCF484C8G

Manufacturer Part Number **10M50DCF484C8G**

Manufacturer **Intel**

Allelco Part Number **32D-10M50DCF484C8G**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 360 I/O 484FBGA**

Package **484-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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10M50DCF484C8G - Intel.New Original in Stock. Download Linear Technology 10M50DCF484C8G datasheet/specifications on AllelcoElec.com.  
Request a quote for 10M50DCF484C8G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

10M50DCF484C8G Tech Specifications

10M50DCF484C8G - 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	1677312	Number of Logic Elements/Cells	50000
Supplier Device Package	484-FBGA (23x23)	Number of LABs/CLBs	3125
Series	MAX® 10	Number of I/O	360
Package / Case	484-BGA	Mounting Type	Surface Mount

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10M50DCF484C8G

Product Attribute				
Part Number	10M50DCF484C8G	10M40DAF672I7G	10M50DCF256I7G	10M40DCF672C8G
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Supplier Device Package	484-FBGA (23x23)	672-FBGA (27x27)	256-FBGA (17x17)	672-FBGA (27x27)
Package / Case	484-BGA	672-BGA	256-LBGA	672-BGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	360	500	178	500
Number of Logic Elements/Cells	50000	40000	50000	40000
Package	Tray	Tray	Tray	Tray
Total RAM Bits	1677312	1290240	1677312	1290240
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Number of LABs/CLBs	3125	2500	3125	2500
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V

### 10M50DCF484C8G Datasheet PDF

Download 10M50DCF484C8G pdf datasheets and Intel documentation for 10M50DCF484C8G - 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](#)

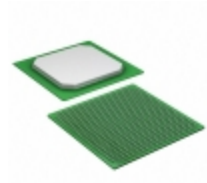
#### PCN Design/Specification

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

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

### Customers Also Interested in

#### Recommended Products

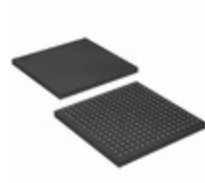


10M40DAF672I7G



NO PICTURE

10MA40



10M50DCF256I7G



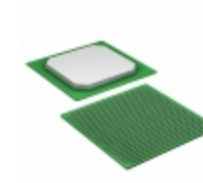
NO PICTURE

10MA140



NO PICTURE

10MA10



10M40DCF672C8G

Intel IC FPGA 500 I/O 672FBGA	IR IGBT Module	Intel IC FPGA 178 I/O 256FBGA	IR IGBT Module	IR IGBT Module	Intel IC FPGA 500 I/O 672FBGA
<b>10MA160</b> IR IGBT Module	<b>10M50DAF484C8G</b> Intel IC FPGA 360 I/O 484FBGA	<b>10MA100</b> IR IGBT Module	<b>10M50DAF672I6G</b> Intel IC FPGA 500 I/O 672FBGA	<b>10M50DAF484C7G</b> Intel IC FPGA 360 I/O 484FBGA	<b>10M50SAE144I7G</b> Intel IC FPGA 101 I/O 144EQFP
<b>10M40DCF672I7G</b> Intel IC FPGA 500 I/O 672FBGA	<b>10M50DAF256I6G</b> Intel IC FPGA 178 I/O 256FBGA	<b>10M50DAF484I7G</b> Intel IC FPGA 360 I/O 484FBGA	<b>10MA30</b> IR IGBT Module	<b>10MA180</b> IR IGBT Module	<b>10M50DAF256I7G</b> 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.



## 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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