

Image may be representation.  
See specifications for product details.



## 10M08DCF256I7G

Manufacturer Part Number **10M08DCF256I7G**

Manufacturer **Intel**

Allelco Part Number **32D-10M08DCF256I7G**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 178 I/O 256FBGA**

Package **256-LBGA**

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

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

RoHs Status **RoHS Compliant**

**Get a Quote**

10M08DCF256I7G - Intel.New Original in Stock. Download Linear Technology 10M08DCF256I7G datasheet/specifications on AllelcoElec.com.  
Request a quote for 10M08DCF256I7G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

10M08DCF256I7G Tech Specifications

10M08DCF256I7G - 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	-40°C ~ 100°C (TJ)
Total RAM Bits	387072	Number of Logic Elements/Cells	8000
Supplier Device Package	256-FBGA (17x17)	Number of LABs/CLBs	500
Series	MAX® 10	Number of I/O	178
Package / Case	256-LBGA	Mounting Type	Surface Mount

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10M08DCF256I7G

Product Attribute				
Part Number	10M08DCF256I7G	10M08SAE144I7G	10M08SAE144C8G	10M08SAM153C8G
Manufacturer	Intel	Intel	Intel	Intel
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Package	Tray	Tray	Tray	Tray
Operating Temperature	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Total RAM Bits	387072	387072	387072	387072
Number of LABs/CLBs	500	500	500	500
Voltage - Supply	1.15V ~ 1.25V	2.85V ~ 3.465V	2.85V ~ 3.465V	2.85V ~ 3.465V
Number of I/O	178	101	101	112
Package / Case	256-LBGA	144-LQFP Exposed Pad	144-LQFP Exposed Pad	153-VFBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	256-FBGA (17x17)	144-EQFP (20x20)	144-EQFP (20x20)	153-MBGA (8x8)
Number of Logic Elements/Cells	8000	8000	8000	8000

### 10M08DCF256I7G Datasheet PDF

Download 10M08DCF256I7G pdf datasheets and Intel documentation for 10M08DCF256I7G - Intel.

#### Datasheets

[MAX 10 FPGA Overview ~.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

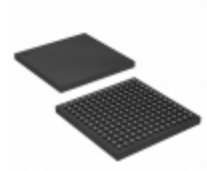
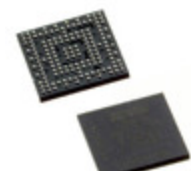
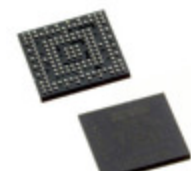
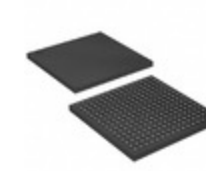
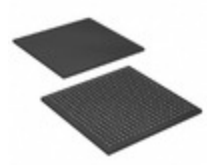
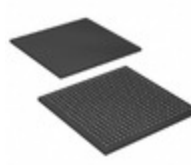
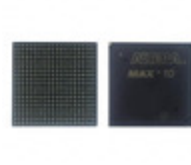
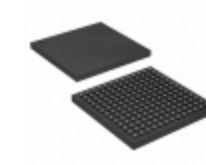
[Max10 Pin Guide 3/Dec/2021.pdf](#)

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

### Customers Also Interested in

#### Recommended Products

<b>10M08SAE144I7G</b>	<b>10M08SAE144C8G</b>	<b>10M08SAM153C8G</b>	<b>10M08DFV81I7G</b>	<b>10M04SCU169A7G</b>	<b>10M08SAU169A7G</b>
Intel	Intel	Intel	Intel	Intel	Intel
IC FPGA 101 I/O 144EQFP	IC FPGA 101 I/O 144EQFP	IC FPGA 112 I/O 153MBGA	IC FPGA 56 I/O 81WLCSP	IC FPGA 130 I/O 169UBGA	IC FPGA 130 I/O 169UBGA

**10M04SCU169C8G**Intel  
IC FPGA 130 I/O 169UBGA**10M08SAM153I7G**Intel  
IC FPGA 112 I/O 153MBGA**10M08DAU324C8G**Intel  
IC FPGA 246 I/O 324UBGA**10M04SCM153I7G**Intel  
IC FPGA 112 I/O 153MBGA**10M08DCU324I7G**Intel  
IC FPGA 246 I/O 324UBGA**10M08DAF256I7G**Intel  
IC FPGA 178 I/O 256FBGA**10M08DCF484C8G**Intel  
IC FPGA 250 I/O 484FBGA**10M08DAF484I7G**Intel  
IC FPGA 250 I/O 484FBGA**10M08DCU324C8G**Intel  
IC FPGA 246 I/O 324UBGA**10M08DCU324A7G**Intel  
IC FPGA 246 I/O 324UBGA**10M04SCU324C8G**Intel  
IC FPGA 246 I/O 324UBGA**10M04SCU169I7G**Intel  
IC FPGA 130 I/O 169UBGA

## 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



[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