

Image may be representation.
See specifications for product details.



10M08DAF256I7G

Manufacturer Part Number **10M08DAF256I7G**

Manufacturer **Intel**

Allelco Part Number **32D-10M08DAF256I7G**

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

10M08DAF256I7G - Intel.New Original in Stock. Download Linear Technology 10M08DAF256I7G datasheet/specifications on AllelcoElec.com.
Request a quote for 10M08DAF256I7G, please send us email: info@allelco.com

Specifications

10M08DAF256I7G Tech Specifications

10M08DAF256I7G - 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 10M08DAF256I7G

Product Attribute				
Part Number	10M08DAF256I7G	10M04SCE144C8G	10M04SCE144I7G	10M04SAU324I7G
Manufacturer	Intel	Intel	Intel	Intel
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Voltage - Supply	1.15V ~ 1.25V	2.85V ~ 3.465V	2.85V ~ 3.465V	2.85V ~ 3.465V
Package	Tray	Tray	Tray	Tray
Supplier Device Package	256-FBGA (17x17)	144-EQFP (20x20)	144-EQFP (20x20)	324-UBGA (15x15)
Total RAM Bits	387072	193536	193536	193536
Number of LABs/CLBs	500	250	250	250
Number of I/O	178	101	101	246
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	256-LBGA	144-LQFP Exposed Pad	144-LQFP Exposed Pad	324-LFBGA
Operating Temperature	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)
Number of Logic Elements/Cells	8000	4000	4000	4000

10M08DAF256I7G Datasheet PDF

Download 10M08DAF256I7G pdf datasheets and Intel documentation for 10M08DAF256I7G - 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

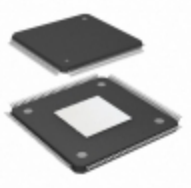
Mult Dev Software Chgs 3/Jun/2021.pdf

Errata

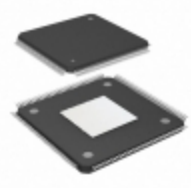
MAX 10 ES Devices Errata and Guidelines.pdf

Customers Also Interested in

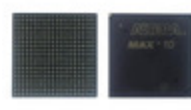
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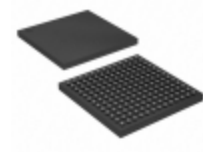
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Intel
IC FPGA 101 I/O 144EQFP



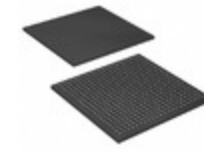
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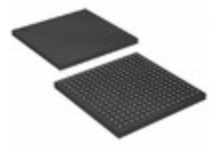
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IC FPGA 246 I/O 324UBGA



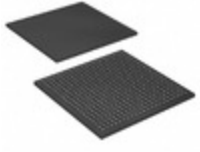
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IC FPGA 130 I/O 169UBGA



10M08DCF484C8G
Intel
IC FPGA 250 I/O 484FBGA



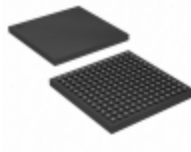
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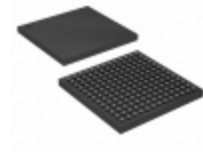
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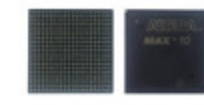
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IC FPGA 246 I/O 324UBGA



10M04SCU169I7G
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IC FPGA 130 I/O 169UBGA



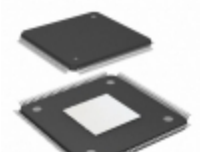
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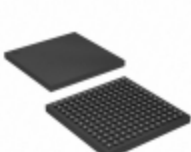
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IC FPGA 246 I/O 324UBGA



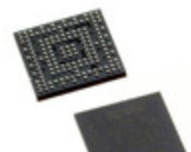
10M08DFV81I7G
Intel
IC FPGA 56 I/O 81WLCSP



10M08SAE144C8G
Intel
IC FPGA 101 I/O 144EQFP



10M04SCU169C8G
Intel
IC FPGA 130 I/O 169UBGA



10M04SCM153I7G
Intel
IC FPGA 112 I/O 153MBGA



10M04SCU324C8G
Intel
IC FPGA 246 I/O 324UBGA



10M08DAU324C8G
Intel
IC FPGA 246 I/O 324UBGA



10M08DCU324C8G
Intel
IC FPGA 246 I/O 324UBGA

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
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Certifications & Memberships



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