

Image may be representation.
See specifications for product details.



10M08DCF256C8G

Manufacturer Part Number	10M08DCF256C8G
Manufacturer	Intel
Allelco Part Number	32D-10M08DCF256C8G
ECAD Model	PCB Symbol, Footprint & 3D Mode
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

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10M08DCF256C8G - Intel.New Original in Stock. Download Linear Technology 10M08DCF256C8G datasheet/specifications on AllelcoElec.com.
Request a quote for 10M08DCF256C8G, please send us email: info@allelco.com

Specifications

10M08DCF256C8G Tech Specifications
10M08DCF256C8G - 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	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 10M08DCF256C8G

Product Attribute				
Part Number	10M08DCF256C8G	10M04SCU169I7G	10M08DFV81I7G	10M04SCU169A7G
Manufacturer	Intel	Intel	Intel	Intel
Supplier Device Package	256-FBGA (17x17)	169-UBGA (11x11)	81-VBGA, WLCSP (4.5x4.4)	169-UBGA (11x11)
Number of LABs/CLBs	500	250	500	250
Series	MAX® 10	MAX® 10	MAX® 10	MAX® 10
Voltage - Supply	1.15V ~ 1.25V	2.85V ~ 3.465V	1.15V ~ 1.25V	2.85V ~ 3.465V
Package / Case	256-LBGA	169-LFBGA	81-UFBGA, WLCSP	169-LFBGA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	178	130	56	130
Package	Tray	Tray	Tape & Reel (TR)	Tray
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 100°C (TJ)	-40°C ~ 125°C (TJ)
Total RAM Bits	387072	193536	387072	193536
Number of Logic Elements/Cells	8000	4000	8000	4000

10M08DCF256C8G Datasheet PDF

Download 10M08DCF256C8G pdf datasheets and Intel documentation for 10M08DCF256C8G - 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](#)

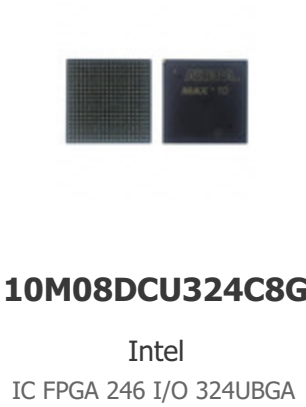
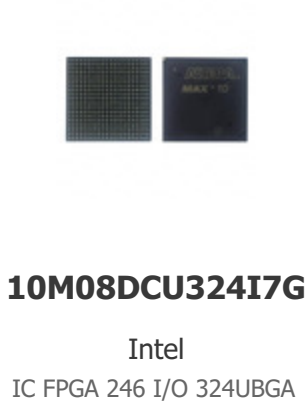
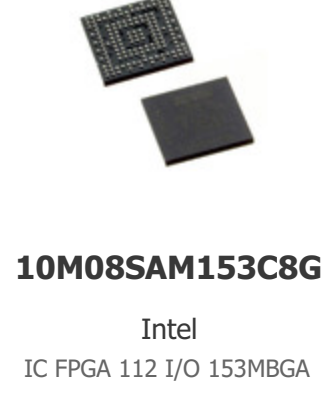
[Mult Dev Software Chgs 3/Jun/2021.pdf](#)

Errata

[MAX 10 ES Devices Errata and Guidelines.pdf](#)

Customers Also Interested in

Recommended Products



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

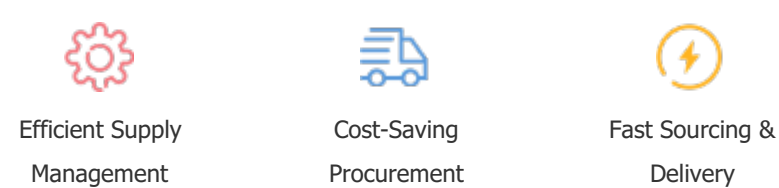
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

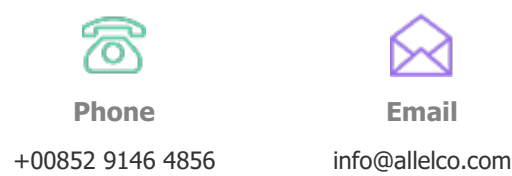
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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