



Image may be representation.
See specifications for product details.



10M02DCV36C8G

Manufacturer Part Number	10M02DCV36C8G
Manufacturer	Intel
Allelco Part Number	32D-10M02DCV36C8G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FPGA 27 I/O 36WLCSP
Package	36-UFBGA, WLCSP
Data sheet	MAX 10 FPGA Device Datasheet.pdf MAX 10 FPGA Overview ~.pdf MAX 10 FPGA Device Datasheet.pdf MAX 10 User Guide.pdf
RoHS Status	RoHS Compliant

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Specifications

10M02DCV36C8G Tech Specifications
10M02DCV36C8G - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package	Tape & Reel (TR)
Voltage - Supply	1.15V ~ 1.25V	Operating Temperature	0°C ~ 85°C (TJ)
Total RAM Bits	110592	Number of Logic Elements/Cells	2000
Supplier Device Package	36-VBGA (3.47x3.4)	Number of LABs/CLBs	125
Series	MAX@ 10	Number of I/O	27
Package / Case	36-UFBGA, WLCSP	Mounting Type	Surface Mount

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10M02DCV36C8G

Product Attribute				
Part Number	10M02DCV36C8G	10M02DCV36I7G	10M04DCU324C8G	10M02SCE144C8G
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	2000	2000	4000	2000
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	2.85V ~ 3.465V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tray
Number of LABs/CLBs	125	125	250	125
Total RAM Bits	110592	110592	193536	110592
Supplier Device Package	36-VBGA (3.47x3.4)	36-VBGA (3.47x3.4)	324-UBGA (15x15)	144-EQFP (20x20)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	36-UFBGA, WLCSP	36-UFBGA, WLCSP	324-LFBGA	144-LQFP Exposed Pad
Series	MAX@ 10	MAX@ 10	MAX@ 10	MAX@ 10
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of I/O	27	27	246	101

10M02DCV36C8G Datasheet PDF

Download 10M02DCV36C8G pdf datasheets and Intel documentation for 10M02DCV36C8G - Intel.

Datasheets

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

PCN Assembly/Origin

- [MAX10 Site/Marking/Material Chgs 3/Jun/2021.pdf](#)

Customers Also Interested in

Recommended Products

10M02DCV36I7GIntel
IC FPGA 27 I/O 36WLCSP**10M04DCU324C8G**Intel
IC FPGA 246 I/O 324UBGA**10M02SCE144C8G**Intel
IC FPGA 101 I/O 144EQFP**10M02SCU169I7G**Intel
IC FPGA 130 I/O 169UBGA**10M02SCU169C8G**Intel
IC FPGA 130 I/O 169UBGA**10M04DAF256I7G**Intel
IC FPGA 178 I/O 256FBGA**10M04SAU169C8G**Intel
IC FPGA 130 I/O 169UBGA**10M02SCE144A7G**Intel
IC FPGA 101 I/O 144EQFP**10M02SCM153C8G**Intel
IC FPGA 112 I/O 153MBGA**10M02DCU324C8G**Intel
IC FPGA 160 I/O 324UBGA**10M04DCU324I7G**Intel
IC FPGA 246 I/O 324UBGA**10M02DCU324I7G**Intel
IC FPGA 160 I/O 324UBGA**10M02SCU324C8G**Intel
IC FPGA 246 I/O 324UBGA**10M04SCE144C8G**Intel
IC FPGA 101 I/O 144EQFP**10M04DCF256I7G**Intel
IC FPGA 178 I/O 256FBGA**10M04SAU324I7G**Intel
IC FPGA 246 I/O 324UBGA**10M02SCE144I7G**Intel
IC FPGA 101 I/O 144EQFP**10M04DAU324C8G**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.

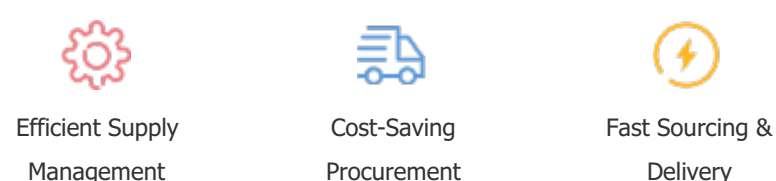
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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