

Image may be representation.
See specifications for product details.



EP3C80F484C8N

Manufacturer Part Number	EP3C80F484C8N
Manufacturer	Intel
Allelco Part Number	32D-EP3C80F484C8N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 295 I/O 484FBGA
Package	484-BGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf Cyclone III Brochure.pdf Cyclone III Family Overview.pdf Cyclone III Datasheet.pdf
RoHs Status	RoHS Compliant

Get a Quote

EP3C80F484C8N - Intel.New Original in Stock. Download Linear Technology EP3C80F484C8N datasheet/specifications on AllelcoElec.com.
Request a quote for EP3C80F484C8N, please send us email: info@allelco.com

Specifications

EP3C80F484C8N Tech Specifications
EP3C80F484C8N - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.15V ~ 1.25V	Number of Logic Elements/Cells	81264
Total RAM Bits	2810880	Number of LABs/CLBs	5079
Supplier Device Package	484-FBGA (23x23)	Number of I/O	295
Series	Cyclone® III	Mounting Type	Surface Mount
Package / Case	484-BGA	Base Product Number	EP3C80
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP3C80F484C8N

Product Attribute				
Part Number	EP3C80F484C8N	EP3C5U256I7N	EP3C80F780C6N	EP3C5M164I7N
Manufacturer	Intel	Intel	Intel	Intel
Base Product Number	EP3C80	EP3C5	EP3C80	EP3C5
Total RAM Bits	2810880	423936	2810880	423936
Operating Temperature	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Cyclone® III	Cyclone® III	Cyclone® III	Cyclone® III
Number of I/O	295	182	429	106
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Package / Case	484-BGA	256-LFBGA	780-BGA	164-TFBGA
Number of Logic Elements/Cells	81264	5136	81264	5136
Package	Tray	Tray	Tray	Tray
Supplier Device Package	484-FBGA (23x23)	256-UBGA (14x14)	780-FBGA (29x29)	164-MBGA (8x8)
Number of LABs/CLBs	5079	321	5079	321

EP3C80F484C8N Datasheet PDF

Download EP3C80F484C8N pdf datasheets and Intel documentation for EP3C80F484C8N - Intel.

Datasheets

[Virtual JTAG Megafuntion Guide.pdf](#)

[Cyclone III Brochure.pdf](#)

[Cyclone III Family Overview.pdf](#)

[Cyclone III Datasheet.pdf](#)

PCN Design/Specification

[Mult Series Software Chgs 26/Mar/2020.pdf](#)

[Substrate/Wire 10/Jun/2010.pdf](#)

PCN Packaging

[Mult Dev Label CHG 24/Jan/2020.pdf](#)

[Mult Dev Label Chgs 24/Feb/2020.pdf](#)

Customers Also Interested in

Recommended Products




EP3C5U256I7N
Intel
IC FPGA 182 I/O 256UBGA



EP3C80F780C6N
Intel
IC FPGA 429 I/O 780FBGA



EP3C5M164I7N
Intel
IC FPGA 106 I/O 164MBGA



EP3C80F780C7
Intel
IC FPGA 429 I/O 780FBGA



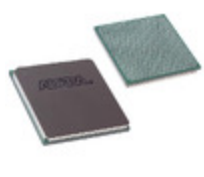
EP3C80F484I7N
Intel
IC FPGA 295 I/O 484FBGA



EP3C5F256C8N
Intel
IC FPGA 182 I/O 256FBGA




EP3C80F484C7N
Intel
IC FPGA 295 I/O 484FBGA



EP3C80F780C8
Intel
IC FPGA 429 I/O 780FBGA



EP3C5M164C7N
Intel
IC FPGA 106 I/O 164MBGA



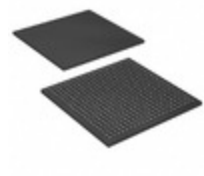
EP3C80F780C8J
Altera (Intel)



EP3C80F780C8N
Intel
IC FPGA 429 I/O 780FBGA



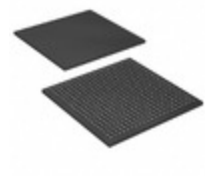
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Intel
IC FPGA 106 I/O 164MBGA



EP3C80F484I7
Intel
IC FPGA 295 I/O 484FBGA



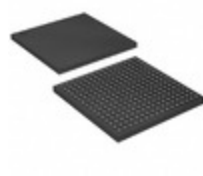
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Intel
IC FPGA 182 I/O 256FBGA



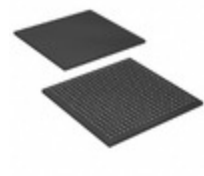
EP3C80F484C8
Intel
IC FPGA 295 I/O 484FBGA



EP3C80F780C7N
Intel
IC FPGA 429 I/O 780FBGA



EP3C5F256I7
Intel
IC FPGA 182 I/O 256FBGA



EP3C80F484C6N
Intel
IC FPGA 295 I/O 484FBGA

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

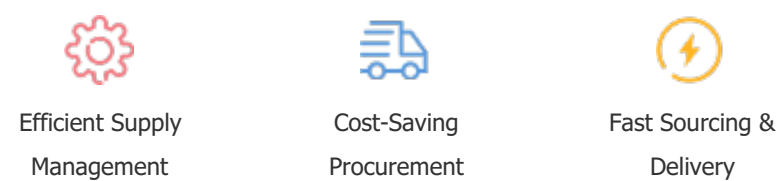
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

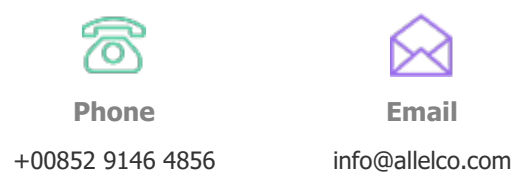
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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