

Image may be representation.
See specifications for product details.



EP2C5F256C6N

Manufacturer Part Number	EP2C5F256C6N
Manufacturer	Intel
Allelco Part Number	32D-EP2C5F256C6N
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 158 I/O 256FBGA
Package	256-LBGA
Data sheet	Virtual JTAG Megafuntion Guide.pdf 256-FBGA Pkg Info.pdf
RoHs Status	RoHS Compliant

Get a Quote

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Request a quote for EP2C5F256C6N, please send us email: info@allelco.com

Specifications

EP2C5F256C6N Tech Specifications

EP2C5F256C6N - 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	4608
Total RAM Bits	119808	Number of LABs/CLBs	288
Supplier Device Package	256-FBGA (17x17)	Number of I/O	158
Series	Cyclone® II	Mounting Type	Surface Mount
Package / Case	256-LBGA	Base Product Number	EP2C5
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP2C5F256C6N

Product Attribute				
Part Number	EP2C5F256C6N	EP2C5F256C7N	EP2C50F672I8	EP2C50F672C8N
Manufacturer	Intel	Intel	Intel	Intel
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	-40°C ~ 100°C (TJ)	0°C ~ 85°C (TJ)
Package	Tray	Tray	Tray	Tray
Supplier Device Package	256-FBGA (17x17)	256-FBGA (17x17)	672-FBGA (27x27)	672-FBGA (27x27)
Series	Cyclone® II	Cyclone® II	Cyclone® II	Cyclone® II
Voltage - Supply	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V	1.15V ~ 1.25V
Number of I/O	158	158	450	450
Number of LABs/CLBs	288	288	3158	3158
Base Product Number	EP2C5	EP2C5	EP2C50	EP2C50
Total RAM Bits	119808	119808	594432	594432
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	256-LBGA	256-LBGA	672-BGA	672-BGA
Number of Logic Elements/Cells	4608	4608	50528	50528

EP2C5F256C6N Datasheet PDF

Download EP2C5F256C6N pdf datasheets and Intel documentation for EP2C5F256C6N - Intel.

Datasheets

Virtual JTAG Megafuntion Guide.pdf

256-FBGA Pkg Info.pdf

PCN Design/Specification

Mult Series Software Chgs 26/Mar/2020.pdf

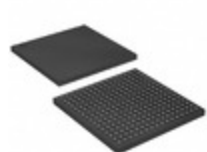
PCN Packaging

Mult Dev Label CHG 24/Jan/2020.pdf

Mult Dev Label Chgs 24/Feb/2020.pdf

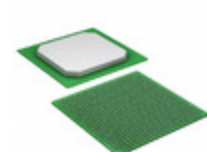
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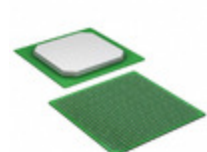
EP2C5F256C7N

Intel
IC FPGA 158 I/O 256FBGA



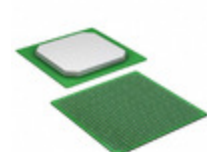
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Intel
IC FPGA 450 I/O 672FBGA



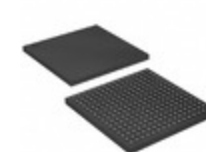
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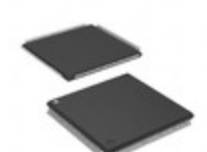
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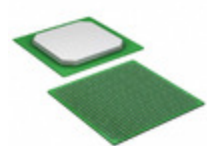
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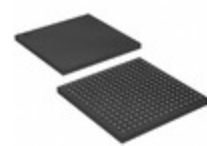


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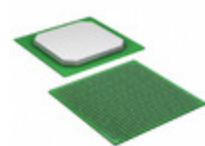
Intel
IC FPGA 89 I/O 144TQFP



EP2C50F672C7N
Intel
IC FPGA 450 I/O 672FBGA



EP2C5F256C6
Intel
IC FPGA 158 I/O 256FBGA



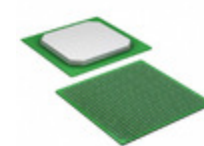
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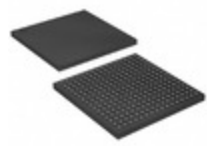
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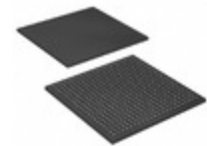
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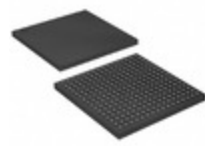
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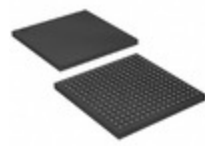
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IC FPGA 158 I/O 256FBGA



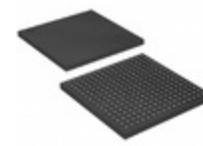
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Intel
IC FPGA 294 I/O 484UBGA



EP2C5AF256I8N
Intel
IC FPGA 158 I/O 256FBGA



EP2C5F256C8
Intel
IC FPGA 158 I/O 256FBGA



EP2C5F256I8
Intel
IC FPGA 158 I/O 256FBGA



EP2C5Q208C8
Intel
IC FPGA 142 I/O 208QFP

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



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Contact us

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