

Image may be representation.
See specifications for product details.



EP1C6F256C7N

| | |
|--------------------------|--|
| Manufacturer Part Number | EP1C6F256C7N |
| Manufacturer | Intel |
| Allelco Part Number | 32D-EP1C6F256C7N |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 185 I/O 256FBGA |
| Package | 256-BGA |
| Data sheet | 256-FBGA Pkg Info.pdf Virtual JTAG Megafuntion Guide.pdf Cylindrical Battery Holders.pdf |

Get a Quote

EP1C6F256C7N - Intel.New Original in Stock. Download Linear Technology EP1C6F256C7N datasheet/specifications on AllelcoElec.com.
Request a quote for EP1C6F256C7N, please send us email: info@allelco.com

Specifications

EP1C6F256C7N Tech Specifications

EP1C6F256C7N - Intel technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|------------------|--------------------------------|-----------------|
| Manufacturer | Intel | Operating Temperature | 0°C ~ 85°C (TJ) |
| Voltage - Supply | 1.425V ~ 1.575V | Number of Logic Elements/Cells | 5980 |
| Total RAM Bits | 92160 | Number of LABs/CLBs | 598 |
| Supplier Device Package | 256-FBGA (17x17) | Number of I/O | 185 |
| Series | Cyclone® | Mounting Type | Surface Mount |
| Package / Case | 256-BGA | Base Product Number | EP1C6 |
| Package | Tray | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1C6F256C7N

| Product Attribute | | | | |
|--------------------------------|------------------|-----------------------------|------------------------------|------------------------------|
| Part Number | EP1C6F256C7N | EP1C6F256C7 | EP1C6F256C8N | EP1C6F256C6N |
| Manufacturer | Intel | Intel | Intel | Intel |
| Base Product Number | EP1C6 | EP1C6 | EP1C6 | EP1C6 |
| Operating Temperature | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) |
| Series | Cyclone® | Cyclone® | Cyclone® | Cyclone® |
| Number of LABs/CLBs | 598 | 598 | 598 | 598 |
| Number of Logic Elements/Cells | 5980 | 5980 | 5980 | 5980 |
| Total RAM Bits | 92160 | 92160 | 92160 | 92160 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Voltage - Supply | 1.425V ~ 1.575V | 1.425V ~ 1.575V | 1.425V ~ 1.575V | 1.425V ~ 1.575V |
| Package / Case | 256-BGA | 256-BGA | 256-BGA | 256-BGA |
| Number of I/O | 185 | 185 | 185 | 185 |
| Supplier Device Package | 256-FBGA (17x17) | 256-FBGA (17x17) | 256-FBGA (17x17) | 256-FBGA (17x17) |
| Package | Tray | Tray | Tray | Tray |

EP1C6F256C7N Datasheet PDF

Download EP1C6F256C7N pdf datasheets and Intel documentation for EP1C6F256C7N - Intel.

Datasheets

- [256-FBGA Pkg Info.pdf](#)
- [Virtual JTAG Megafuntion Guide.pdf](#)

PCN Packaging

- [All Dev Pkg Chg 1/Aug/2018.pdf](#)
- [Mult Dev Dessicant Chg 19/Jul/2019.pdf](#)

PCN Design/Specification

- [Mult Series Software Chgs 26/Mar/2020.pdf](#)
- [Mult Dev Substrate Material Chg 25/Aug/2017.pdf](#)

HTML Datasheet

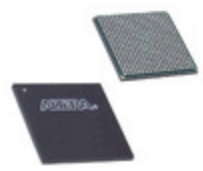
- [Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

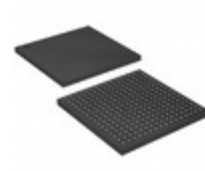
Recommended Products



EP1C6F256C7
Intel
IC FPGA 185 I/O 256FBGA



EP1C6F256C8L
Altera (Intel)



EP1C6F256C8N
Intel
IC FPGA 185 I/O 256FBGA



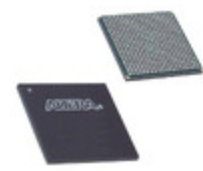
EP1C6F256C6N
Intel
IC FPGA 185 I/O 256FBGA



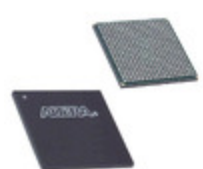
EP1C6F256C6
Intel
IC FPGA 185 I/O 256FBGA



EP1C4F400C8
Intel
IC FPGA 301 I/O 400FBGA



EP1C4F400C8N
Intel
IC FPGA 301 I/O 400FBGA



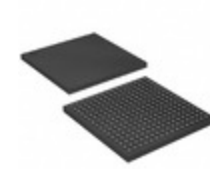
EP1C6F256I7
Intel
IC FPGA 185 I/O 256FBGA



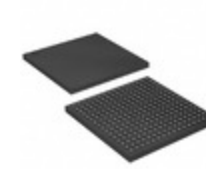
EP1C6Q240C6N
Intel
IC FPGA 185 I/O 240QFP



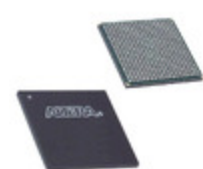
EP1C4F400C8L
Altera (Intel)



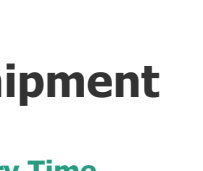
EP1C6Q240C6
Intel
IC FPGA 185 I/O 240QFP



EP1C4F400C7N
Intel
IC FPGA 301 I/O 400FBGA



EP1C4F400I7
Intel
IC FPGA 301 I/O 400FBGA



EP1C6F256I7L
Altera (Intel)



EP1C6Q240C7N
Intel
IC FPGA 185 I/O 240QFP



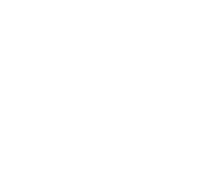
EP1C6F256C8
Intel
IC FPGA 185 I/O 256FBGA



EP1C6F256I7N
Intel
IC FPGA 185 I/O 256FBGA



EP1C4F400I7N
Intel
IC FPGA 301 I/O 400FBGA



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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