

Image may be representation.
See specifications for product details.



EPF10K30EFC256-2N

| | |
|--------------------------|--|
| Manufacturer Part Number | EPF10K30EFC256-2N |
| Manufacturer | Intel |
| Allelco Part Number | 32D-EPF10K30EFC256-2N |
| ECAD Model | Request Free CAD Models |
| Parts Description | IC FPGA 176 I/O 256FBGA |
| Package | 256-BGA |
| Data sheet | 256-FBGA Pkg Info.pdf FLEX 10KE Device Data Sheet.pdf |

Get a Quote

EPF10K30EFC256-2N - Intel.New Original in Stock. Download Linear Technology EPF10K30EFC256-2N datasheet/specifications on AllelcoElec.com.
Request a quote for EPF10K30EFC256-2N, please send us email: info@allelco.com

Specifications

EPF10K30EFC256-2N Tech Specifications
EPF10K30EFC256-2N - Intel technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|------------------|--------------------------------|-----------------|
| Manufacturer | Intel | Operating Temperature | 0°C ~ 70°C (TA) |
| Voltage - Supply | 2.375V ~ 2.625V | Number of Logic Elements/Cells | 1728 |
| Total RAM Bits | 24576 | Number of LABs/CLBs | 216 |
| Supplier Device Package | 256-FBGA (17x17) | Number of I/O | 176 |
| Series | FLEX-10KE® | Number of Gates | 119000 |
| Package / Case | 256-BGA | Mounting Type | Surface Mount |
| Package | Tray | Base Product Number | EPF10K30 |

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF10K30EFC256-2N

| Product Attribute | | | | |
|--------------------------------|-------------------|-------------------------|-------------------------|-------------------------|
| Part Number | EPF10K30EFC256-2N | EPF10K30ATI144-3 | EPF10K30EQC208-1 | EPF10K30EQC208-2 |
| Manufacturer | Intel | Intel | Intel | Intel |
| Number of Gates | 119000 | 69000 | 119000 | 119000 |
| Voltage - Supply | 2.375V ~ 2.625V | 3V ~ 3.6V | 2.375V ~ 2.625V | 2.375V ~ 2.625V |
| Package | Tray | Tray | Tray | Tray |
| Supplier Device Package | 256-FBGA (17x17) | 144-TQFP (20x20) | 208-PQFP (28x28) | 208-PQFP (28x28) |
| Number of LABs/CLBs | 216 | 216 | 216 | 216 |
| Number of Logic Elements/Cells | 1728 | 1728 | 1728 | 1728 |
| Series | FLEX-10KE® | FLEX-10KA® | FLEX-10KE® | FLEX-10KE® |
| Operating Temperature | 0°C ~ 70°C (TA) | -40°C ~ 85°C (TA) | 0°C ~ 70°C (TA) | 0°C ~ 70°C (TA) |
| Number of I/O | 176 | 102 | 147 | 147 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Total RAM Bits | 24576 | 12288 | 24576 | 24576 |
| Base Product Number | EPF10K30 | EPF10K30 | EPF10K30 | EPF10K30 |
| Package / Case | 256-BGA | 144-LQFP | 208-BFQFP | 208-BFQFP |

EPF10K30EFC256-2N Datasheet PDF

Download EPF10K30EFC256-2N pdf datasheets and Intel documentation for EPF10K30EFC256-2N - Intel.

Datasheets

- [256-FBGA Pkg Info.pdf](#)
- [FLEX 10KE Device Data Sheet.pdf](#)

PCN Packaging

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

PCN Obsolescence/ EOL

- [EOL 01/Dec/2016.pdf](#)
- [EOL 21/Nov/2016.pdf](#)

PCN Other

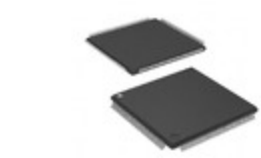
- [Software Disc 06/Nov/2020.pdf](#)

PCN Design/Specification

- [Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products



EPF10K30ATI144-3

Intel
IC FPGA 102 I/O 144TQFP



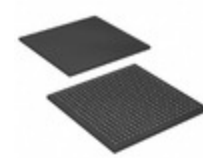
EPF10K30EQC208-1

Intel
IC FPGA 147 I/O 208QFP



EPF10K30EQC208-2

Intel
IC FPGA 147 I/O 208QFP



EPF10K30EFC484-1

Intel
IC FPGA 220 I/O 484FBGA



EPF10K30EQC208-3N

Intel
IC FPGA 147 I/O 208QFP



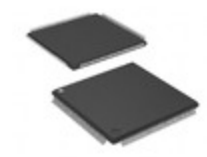
EPF10K30BC356-4

Altera
IC FPGA 246 I/O 356BGA



EPF10K30EFC256-1

Altera
IC FPGA 176 I/O 256FBGA



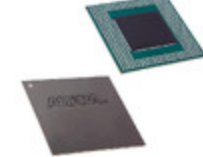
EPF10K30ATI144-3N

Intel
IC FPGA 102 I/O 144TQFP



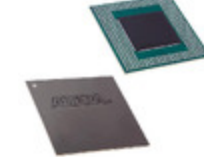
EPF10K30EQC208-3

Intel
IC FPGA 147 I/O 208QFP



EPF10K30BC356-3

Intel
IC FPGA 246 I/O 356BGA



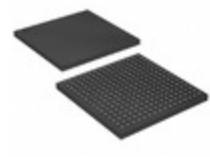
EPF10K30BC356-4

Intel
IC FPGA 246 I/O 356BGA



EPF10K30ETC144-1

Intel
IC FPGA 102 I/O 144TQFP



EPF10K30EFC256-1

Intel
IC FPGA 176 I/O 256FBGA



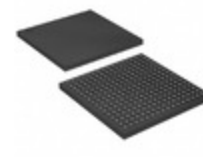
EPF10K30EFC256-2

Altera
IC FPGA 176 I/O 256FBGA



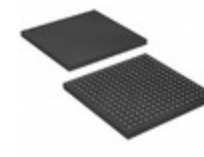
EPF10K30EQC208-2N

Intel
IC FPGA 147 I/O 208QFP



EPF10K30EFC256-3

Intel
IC FPGA 176 I/O 256FBGA



EPF10K30EFC256-2

Intel
IC FPGA 176 I/O 256FBGA



EPF10K30EQI208-2

Intel
IC FPGA 147 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 Alleco 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@alleco.com

Certifications & Memberships



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