



EP1AGX60DF780C6N

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|--------------------------|---|
| Manufacturer Part Number | EP1AGX60DF780C6N |
| Manufacturer | Altera (Intel) |
| Allelco Part Number | 32D-EP1AGX60DF780C6N |
| ECAD Model | Request Free CAD Models |
| Parts Description | FIELD PROGRAMMABLE GATE ARRAY, 6 |
| Package | 780-BBGA, FCBGA |
| Data sheet | EP1AGX60DF780C6N.pdf |

Get a Quote

EP1AGX60DF780C6N - Altera.New Original in Stock. Download Linear Technology EP1AGX60DF780C6N datasheet/specifications on AllelcoElec.com.
Request a quote for EP1AGX60DF780C6N, please send us email: info@allelco.com

Specifications

EP1AGX60DF780C6N Tech Specifications
EP1AGX60DF780C6N - Altera technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|------------------|--------------------------------|-----------------|
| Manufacturer | Altera (Intel) | Package | Bulk |
| Voltage - Supply | 1.15V ~ 1.25V | Operating Temperature | 0°C ~ 85°C (TJ) |
| Total RAM Bits | 2528640 | Number of Logic Elements/Cells | 60100 |
| Supplier Device Package | 780-FBGA (29x29) | Number of LABs/CLBs | 3005 |
| Series | Arria GX | Number of I/O | 350 |
| Package / Case | 780-BBGA, FCBGA | Mounting Type | Surface Mount |

Parts with Similar Specifications

The three parts on the right have similar specifications to Altera EP1AGX60DF780C6N

| Product Attribute | NO PICTURE | | | |
|--------------------------------|------------------|-----------------------------------|-----------------------------------|------------------------------|
| Part Number | EP1AGX60DF780C6N | EP1AGX90EF1152C6N | EP1AGX50DF1152I6N | EP1C12F256C7 |
| Manufacturer | Altera | Intel | Intel | Intel |
| Supplier Device Package | 780-FBGA (29x29) | 1152-FBGA (35x35) | 1152-FBGA (35x35) | 256-FBGA (17x17) |
| Operating Temperature | 0°C ~ 85°C (TJ) | 0°C ~ 85°C (TJ) | -40°C ~ 100°C (TJ) | 0°C ~ 85°C (TJ) |
| Package / Case | 780-BBGA, FCBGA | 1152-BBGA | 1152-BBGA | 256-BGA |
| Series | Arria GX | Arria GX | Arria GX | Cyclone® |
| Package | Bulk | Tray | Tray | Tray |
| Number of I/O | 350 | 538 | 514 | 185 |
| Number of LABs/CLBs | 3005 | 4511 | 2508 | 1206 |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Voltage - Supply | 1.15V ~ 1.25V | 1.15V ~ 1.25V | 1.15V ~ 1.25V | 1.425V ~ 1.575V |
| Total RAM Bits | 2528640 | 4477824 | 2475072 | 239616 |
| Number of Logic Elements/Cells | 60100 | 90220 | 50160 | 12060 |

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| EP1AGX90EF1152C6N Intel IC FPGA 538 I/O 1152FBGA | EP1AGX50DF1152I6N Intel IC FPGA 514 I/O 1152FBGA | EP1C12F256C7 Intel IC FPGA 185 I/O 256FBGA | EP1AGX60DF780I6N Intel IC FPGA 350 I/O 780FBGA | EP1AGX90EF1152I6N Intel IC FPGA 538 I/O 1152FBGA | EP1AGX60EF1152C6N Intel IC FPGA 514 I/O 1152FBGA |
| | | | | | |
| EP1AGX50DF780I6 Intel IC FPGA 350 I/O 780FBGA | EP1AGX50DF1152C6N Intel IC FPGA 514 I/O 1152FBGA | EP1AGX60DF780C6N Intel IC FPGA 350 I/O 780FBGA | EP1AGX50DF780C6N Intel IC FPGA 350 I/O 780FBGA | EP1C12F256C6N Intel IC FPGA 185 I/O 256FBGA | EP1AGX50DF780C6 Intel IC FPGA 350 I/O 780FBGA |
| | | | | | |
| EP1AGX60CF484I6N Intel IC FPGA 229 I/O 484FBGA | EP1AGX90EF1152C6 Intel IC FPGA 538 I/O 1152FBGA | EP1AGX50DF780I6N Intel IC FPGA 350 I/O 780FBGA | EP1AGX50DF780I6 Altera IC FPGA 350 I/O 780FBGA | EP1C12F256C6 Intel IC FPGA 185 I/O 256FBGA | EP1AGX60CF484C6N Intel IC FPGA 229 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 -

- Efficient Supply Management
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- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
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