

Image may be representation.  
See specifications for product details.



## 10AX066K3F35E2SG

Manufacturer Part Number **10AX066K3F35E2SG**

Manufacturer **Intel**

Allelco Part Number **32D-10AX066K3F35E2SG**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC FPGA 396 I/O 1152FBGA**

Package **1152-BBGA, FCBGA**

Data sheet [Arria 10 Device Datasheet.pdf](#)

[Arria 10 Device Overview ~.pdf](#)

RoHs Status **RoHS Compliant**

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10AX066K3F35E2SG - Intel.New Original in Stock. Download Linear Technology 10AX066K3F35E2SG datasheet/specifications on AllelcoElec.com.  
Request a quote for 10AX066K3F35E2SG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

10AX066K3F35E2SG Tech Specifications  
10AX066K3F35E2SG - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Package	Tray
Voltage - Supply	0.87V ~ 0.93V	Operating Temperature	0°C ~ 100°C (TJ)
Total RAM Bits	49610752	Number of Logic Elements/Cells	660000
Supplier Device Package	1152-FCBGA (35x35)	Number of LABs/CLBs	250540
Series	Arria 10 GX	Number of I/O	396
Package / Case	1152-BBGA, FCBGA	Mounting Type	Surface Mount

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel 10AX066K3F35E2SG

Product Attribute				
Part Number	10AX066K3F35E2SG	10AX048H3F34E2SG	10AX066H3F34E2SG	10AX048K3F35E2SG
Manufacturer	Intel	Intel	Intel	Intel
Package / Case	1152-BBGA, FCBGA	1152-BBGA, FCBGA	1152-BBGA, FCBGA	1152-BBGA, FCBGA
Voltage - Supply	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V	0.87V ~ 0.93V
Number of Logic Elements/Cells	660000	480000	660000	480000
Package	Tray	Tray	Tray	Tray
Number of I/O	396	492	492	396
Series	Arria 10 GX	Arria 10 GX	Arria 10 GX	Arria 10 GX
Supplier Device Package	1152-FCBGA (35x35)	1152-FBGA, FC (35x35)	1152-FCBGA (35x35)	1152-FBGA, FC (35x35)
Number of LABs/CLBs	250540	183590	250540	183590
Operating Temperature	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)	0°C ~ 100°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	49610752	5664768	49610752	5664768

### 10AX066K3F35E2SG Datasheet PDF

Download 10AX066K3F35E2SG pdf datasheets and Intel documentation for 10AX066K3F35E2SG - Intel.

#### Datasheets

- [Arria 10 Device Datasheet.pdf](#)
- [Arria 10 Device Overview ~.pdf](#)

#### PCN Design/Specification

- [Arria/Cyclone 10 Software Chg 3/Jun/2021.pdf](#)
- [Mult Dev Des/Errata Chgs 16/Aug/2022.pdf](#)

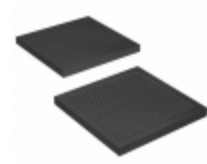
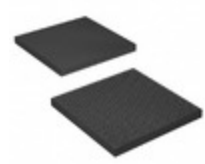
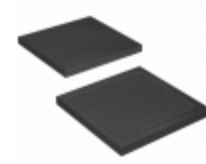
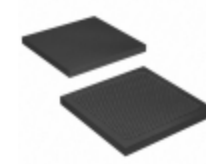
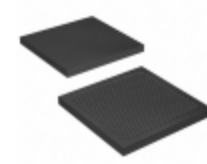
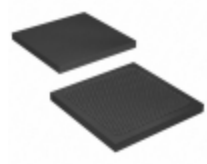
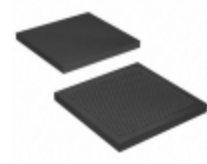
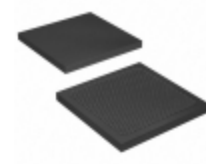
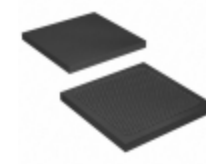
#### PCN Packaging

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

### Customers Also Interested in

#### Recommended Products

- 10AX048H3F34E2SG**  
Intel  
IC FPGA 492 I/O 1152FBGA
- 10AX066H3F34E2SG**  
Intel  
IC FPGA 492 I/O 1152FBGA
- 10AX048K3F35E2SG**  
Intel  
IC FPGA 396 I/O 1152FBGA
- 10AX066H2F34I2SG**  
Intel  
IC FPGA 492 I/O 1152FBGA
- 10AX066N4F40I3SG**  
Intel  
IC FPGA 588 I/O 1517FBGA
- 10AX048H2F34E2SG**  
Intel  
IC FPGA 492 I/O 1152FBGA

**10AX066K4F40I3SG**Intel  
IC FPGA 696 I/O 1517FBGA**10AX066H3F34I2SG**Intel  
IC FPGA 492 I/O 1152FBGA**10AX066N3F40I2SG**Intel  
IC FPGA 588 I/O 1517FBGA**10AX115H3F34E2SG**Intel  
IC FPGA 504 I/O 1152FBGA**10AX057H3F34I2SG**Intel  
IC FPGA 492 I/O 1152FBGA**10AX066H3F34I2LG**Intel  
IC FPGA 492 I/O 1152FBGA**10AX048H4F34I3SG**Intel  
IC FPGA 492 I/O 1152FBGA**10AX066H4F34I3SG**Intel  
IC FPGA 492 I/O 1152FBGA**10AX115N3F40E2SG**Intel  
IC FPGA 600 I/O 1517FCBGA**10AX048H2F34E1HG**Intel  
IC FPGA 492 I/O 1152FBGA**10AX115H3F34I2SG**Intel  
IC FPGA 504 I/O 1152FBGA**10AX066K3F40E2SG**Intel  
IC FPGA 696 I/O 1517FBGA

## 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

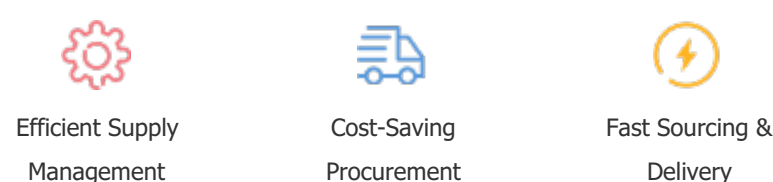
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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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