



Image may be representation.
See specifications for product details.



EPF10K20TC144-3

Manufacturer Part Number	EPF10K20TC144-3
Manufacturer	Intel
Allelco Part Number	32D-EPF10K20TC144-3
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 102 I/O 144TQFP
Package	144-LQFP
Data sheet	FLEX 10K.pdf

Get a Quote

EPF10K20TC144-3 - Intel.New Original in Stock. Download Linear Technology EPF10K20TC144-3 datasheet/specifications on AllelcoElec.com.
Request a quote for EPF10K20TC144-3, please send us email: info@allelco.com

Specifications

EPF10K20TC144-3 Tech Specifications
EPF10K20TC144-3 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 70°C (TA)
Voltage - Supply	4.75V ~ 5.25V	Number of Logic Elements/Cells	1152
Total RAM Bits	12288	Number of LABs/CLBs	144
Supplier Device Package	144-TQFP (20x20)	Number of I/O	102
Series	FLEX-10K®	Number of Gates	63000
Package / Case	144-LQFP	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EPF10K20

Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EPF10K20TC144-3

Product Attribute				
Part Number	EPF10K20TC144-3	EPF10K30ABC356-2	EPF10K20RI240-4	EPF10K20RC240-3N
Manufacturer	Intel	Intel	Intel	Intel
Package	Tray	Tray	Tray	Tray
Series	FLEX-10K®	FLEX-10KA®	FLEX-10K®	FLEX-10K®
Base Product Number	EPF10K20	EPF10K30	EPF10K20	EPF10K20
Operating Temperature	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)
Number of Gates	63000	69000	63000	63000
Supplier Device Package	144-TQFP (20x20)	356-BGA (35x35)	240-RQFP (32x32)	240-RQFP (32x32)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Total RAM Bits	12288	12288	12288	12288
Number of Logic Elements/Cells	1152	1728	1152	1152
Number of I/O	102	246	189	189
Package / Case	144-LQFP	356-LBGA	240-BFQFP Exposed Pad	240-BFQFP Exposed Pad
Number of LABs/CLBs	144	216	144	144
Voltage - Supply	4.75V ~ 5.25V	3V ~ 3.6V	4.5V ~ 5.5V	4.75V ~ 5.25V

EPF10K20TC144-3 Datasheet PDF

Download EPF10K20TC144-3 pdf datasheets and Intel documentation for EPF10K20TC144-3 - Intel.

Datasheets

[FLEX 10K.pdf](#)

PCN Packaging

[All Dev Pkg Chg 1/Aug/2018.pdf](#)

PCN Obsolescence/ EOL

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

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

PCN Other

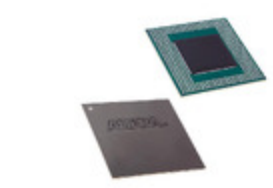
[Software Disc 06/Nov/2020.pdf](#)

PCN Design/Specification

[Mult Series Software Chgs 26/Mar/2020.pdf](#)

Customers Also Interested in

Recommended Products



EPF10K30ABC356-2

Intel
IC FPGA 246 I/O 356BGA



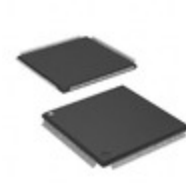
EPF10K20RI240-4

Intel
IC FPGA 189 I/O 240RQFP



EPF10K20RC240-3N

Intel
IC FPGA 189 I/O 240RQFP



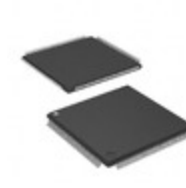
EPF10K20TC144-3N

Intel
IC FPGA 102 I/O 144TQFP



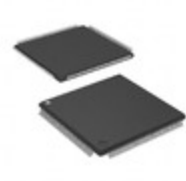
EPF10K20RI208-4

Intel
IC FPGA 147 I/O 208RQFP



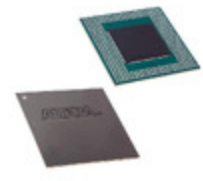
EPF10K20TI144-4N

Intel
IC FPGA 102 I/O 144TQFP



EPF10K20TC144-4N

Intel
IC FPGA 102 I/O 144TQFP



EPF10K30ABC356-1

Intel
IC FPGA 246 I/O 356BGA



EPF10K20RC240-3

Intel
IC FPGA 189 I/O 240RQFP



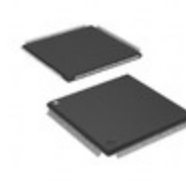
EPF10K20RC240-4N

Intel
IC FPGA 189 I/O 240RQFP



EPF10K20RI208-4N

Intel
IC FPGA 147 I/O 208RQFP



EPF10K20TI144-4

Intel
IC FPGA 102 I/O 144TQFP



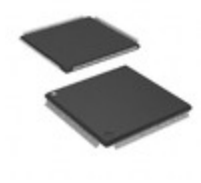
EPF10K30ABC356-2

Altera
IC FPGA 246 I/O 356BGA



EPF10K20RI240-4N

Intel
IC FPGA 189 I/O 240RQFP



EPF10K20TC144-4

Intel
IC FPGA 102 I/O 144TQFP



EPF10K20RI208-3

Altera (Intel)



EPF10K20RC240-4

Intel
IC FPGA 189 I/O 240RQFP



EPF10K30ABC356-1

Altera
IC FPGA 246 I/O 356BGA

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.



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Certifications & Memberships



View More



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