

Image may be representation.  
See specifications for product details.



## EP1M350F780C5

Manufacturer Part Number	<b>EP1M350F780C5</b>
Manufacturer	<b>Intel</b>
Allelco Part Number	32D-EP1M350F780C5
ECAD Model	Request Free CAD Models
Parts Description	IC FPGA 486 I/O 780FBGA
Package	780-BBGA, FCBGA
Data sheet	<b>780-FBGA Pkg Info.pdf</b> <b>Mercury Family Datasheet.pdf</b>

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EP1M350F780C5 - Intel.New Original in Stock. Download Linear Technology EP1M350F780C5 datasheet/specifications on AllelcoElec.com.  
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### Specifications

EP1M350F780C5 Tech Specifications

EP1M350F780C5 - Intel technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Intel	Operating Temperature	0°C ~ 85°C (TJ)
Voltage - Supply	1.71V ~ 1.89V	Number of Logic Elements/Cells	14400
Total RAM Bits	114688	Number of LABs/CLBs	1440
Supplier Device Package	780-FBGA (29x29)	Number of I/O	486
Series	Mercury	Number of Gates	350000
Package / Case	780-BBGA, FCBGA	Mounting Type	Surface Mount
Package	Tray	Base Product Number	EP1M350

### Parts with Similar Specifications

The three parts on the right have similar specifications to Intel EP1M350F780C5

Product Attribute				
Part Number	EP1M350F780C5	<b>EP1S10B672C7</b>	<b>EP1M120F484C7</b>	<b>EP1M120F484C7N</b>
Manufacturer	Intel	Intel	Intel	Intel
Number of Logic Elements/Cells	14400	10570	4800	4800
Total RAM Bits	114688	920448	49152	49152
Voltage - Supply	1.71V ~ 1.89V	1.425V ~ 1.575V	1.71V ~ 1.89V	1.71V ~ 1.89V
Base Product Number	EP1M350	EP1S10	EP1M120	EP1M120
Operating Temperature	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)	0°C ~ 85°C (TJ)
Number of LABs/CLBs	1440	1057	480	480
Supplier Device Package	780-FBGA (29x29)	672-BGA (35x35)	484-FBGA (23x23)	484-FBGA (23x23)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Mercury	Stratix®	Mercury	Mercury
Package / Case	780-BBGA, FCBGA	672-BBGA	484-BBGA, FCBGA	484-BBGA, FCBGA
Number of Gates	350000	-	120000	120000
Number of I/O	486	345	303	303
Package	Tray	Tray	Tray	Tray

### EP1M350F780C5 Datasheet PDF

Download EP1M350F780C5 pdf datasheets and Intel documentation for EP1M350F780C5 - Intel.

#### Datasheets

[780-FBGA Pkg Info.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 Design/Specification

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

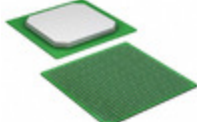
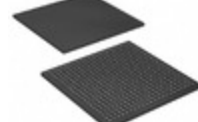
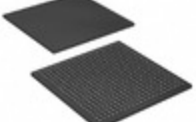

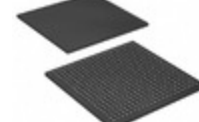

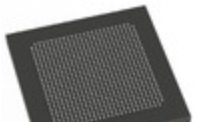

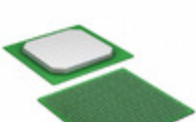
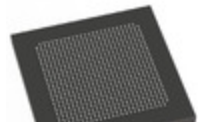


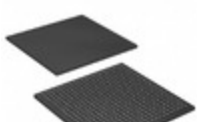
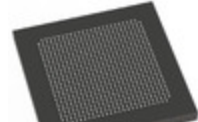
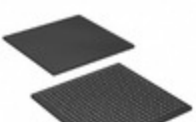
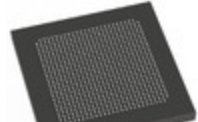
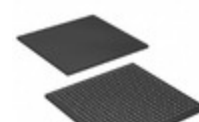
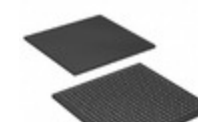
[Wafer Bump Transfer 06/Feb/2015.pdf](#)

#### HTML Datasheet

[Mercury Family Datasheet.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>EP1S10B672C7</b> Intel IC FPGA 345 I/O 672BGA	 <b>EP1M120F484C7</b> Intel IC FPGA 303 I/O 484FBGA	 <b>EP1M120F484C7N</b> Intel IC FPGA 303 I/O 484FBGA	 <b>EP1M350F780I6N</b> Altera IC FPGA 486 I/O 780FBGA	 <b>EP1M120F484C5N</b> Intel IC FPGA 303 I/O 484FBGA	 <b>EP1M120F484C5N</b> Altera IC FPGA 303 I/O 484FBGA
 <b>EP1M350F780I6</b> Intel IC FPGA 486 I/O 780FBGA	 <b>EP1M350F780C6</b> Altera IC FPGA 486 I/O 780FBGA	 <b>EP1S10B672C6</b> Intel IC FPGA 345 I/O 672BGA	 <b>EP1M350F780C7</b> Intel IC FPGA 486 I/O 780FBGA	 <b>EP1S10B672C6</b> Altera IC FPGA 345 I/O 672BGA	 <b>EP1M350F780C5</b> Altera IC FPGA 486 I/O 780FBGA
 <b>EP1M120F484C6</b> Intel IC FPGA 303 I/O 484FBGA	 <b>EP1M350F780I6N</b> Intel IC FPGA 486 I/O 780FBGA	 <b>EP1M120F484C6N</b> Intel IC FPGA 303 I/O 484FBGA	 <b>EP1M350F780C6</b> Intel IC FPGA 486 I/O 780FBGA	 <b>EP1M120F484I6</b> Intel IC FPGA 303 I/O 484FBGA	 <b>EP1M120F484I6N</b> Intel IC FPGA 303 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

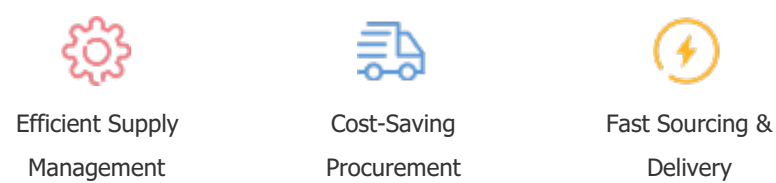
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

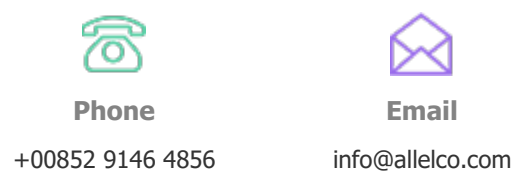
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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