



Intel® FPGAs

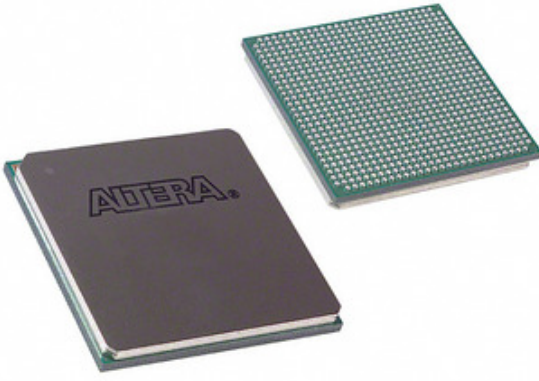


Image may be representation. See specifications for product details.

EP3C40F780I7

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status

Ship From

EP3C40F780I7

Intel® FPGAs

IC FPGA 535 I/O 780FBGA

[1.EP3C40F780I7.pdf](#)

[2.EP3C40F780I7.pdf](#)

[3.EP3C40F780I7.pdf](#)

[4.EP3C40F780I7.pdf](#)

[5.EP3C40F780I7.pdf](#)

[6.EP3C40F780I7.pdf](#)

[7.EP3C40F780I7.pdf](#)

[8.EP3C40F780I7.pdf](#)

 Contains lead / RoHS non-compliant

Hong Kong

REQUEST FOR QUOTATION

/Fedex/TNT/UPS/EMS

Specifications of EP3C40F780I7

|                                  |                                                                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C40F780I7                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC FPGA 535 I/O 780FBGA                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                           |
| DATA SHEET                       | <a href="#">1.EP3C40F780I7.pdf</a><br><a href="#">2.EP3C40F780I7.pdf</a><br><a href="#">3.EP3C40F780I7.pdf</a><br><a href="#">4.EP3C40F780I7.pdf</a><br><a href="#">5.EP3C40F780I7.pdf</a><br><a href="#">6.EP3C40F780I7.pdf</a><br><a href="#">7.EP3C40F780I7.pdf</a><br><a href="#">8.EP3C40F780I7.pdf</a> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                              |
| TOTAL RAM BITS                   | 1161216                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                                                                                                             |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 780-BGA                                                                                                                                                                                                                                                                                                      |
| OTHER NAMES                      | 544-3528<br>EP3C40F780I7-ND                                                                                                                                                                                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 39600                                                                                                                                                                                                                                                                                                        |
| NUMBER OF LABS/CLBS              | 2475                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 535                                                                                                                                                                                                                                                                                                          |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | EP3C40                                                                                                                                                                                                                                                                                                       |

Related Tags

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| Intel® FPGAs EP3C40F780I7  | EP3C40F780I7 Distributor        | EP3C40F780I7 Supplier         |
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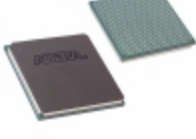
Related Products



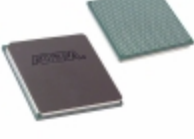
**EP3C40F780C8**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 535 I/O 780FBGA  
In stock: Out stock  
RFQ



**EP3C40F780C8N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 535 I/O 780FBGA  
In stock: 48 pcs  
RFQ



**EP3C40F780C6N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 535 I/O 780FBGA  
In stock: 12 pcs  
RFQ



**EP3C40F780I7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 535 I/O 780FBGA  
In stock: 36 pcs  
RFQ



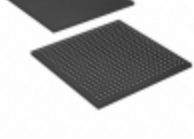
**EP3C40F780C7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 535 I/O 780FBGA  
In stock: 50 pcs  
RFQ



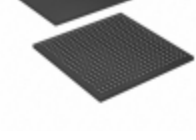
**EP3C40Q240C8**  
Manufacturers: Altera (Intel® Programmable Solutions Group)  
Description: IC FPGA 128 I/O 240QFP  
In stock: 2 pcs  
RFQ



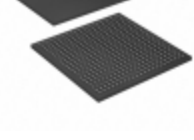
**EP3C40Q240C8N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 128 I/O 240QFP  
In stock: 159 pcs  
RFQ



**EP3C40U484A7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



**EP3C40U484C6**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



**EP3C40U484C6N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



**EP3C40F780C6**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 535 I/O 780FBGA  
In stock: Out stock  
RFQ



**EP3C40F780C7**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 535 I/O 780FBGA  
In stock: 30 pcs  
RFQ