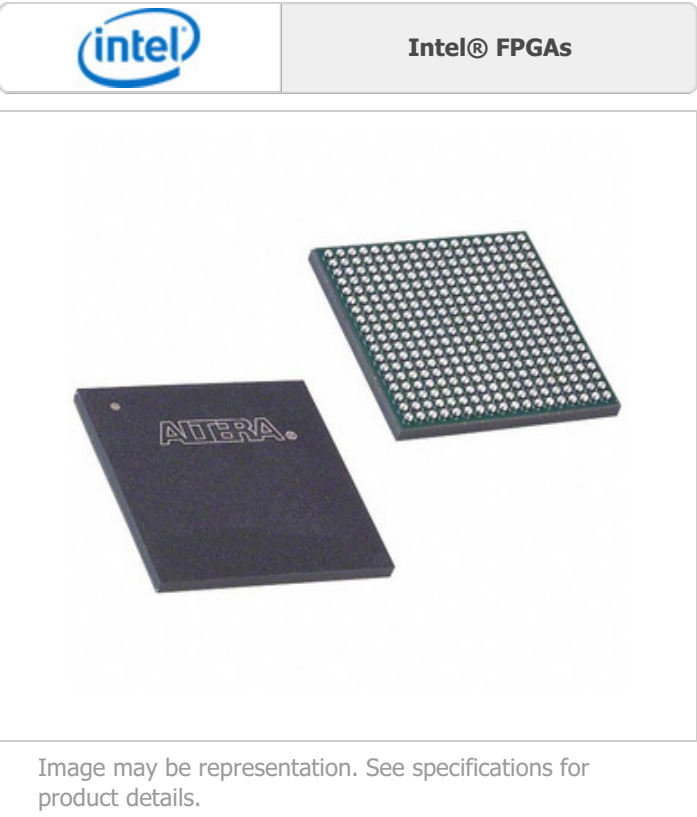




EP3C40F324C6

Part Number:EP3C40F324C6

Manufacturer/Brand:Intel® FPGAs

Product descriptionIC FPGA 195 I/O 324FBGA

1.EP3C40F324C6.pdf

2.EP3C40F324C6.pdf

3.EP3C40F324C6.pdf

4.EP3C40F324C6.pdf

5.EP3C40F324C6.pdf

6.EP3C40F324C6.pdf

7.EP3C40F324C6.pdf

8.EP3C40F324C6.pdf

Datasheets:

RoHs Status

Contains lead / RoHS non-compliant

Stock Condition653 pcs stock

REQUEST FOR QUOTATION

g Kong

Shipment wayDHL/Fedex/TNT/UPS/EMS

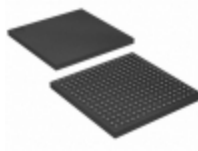
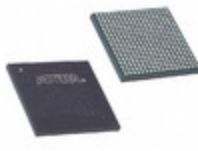
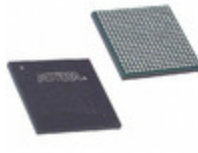
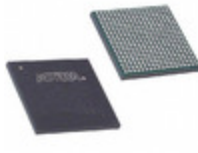
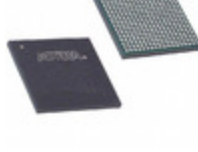
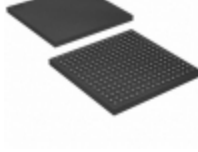
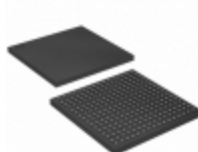
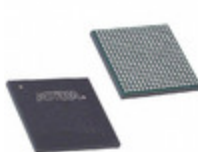
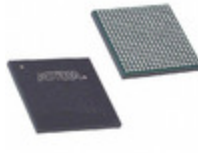
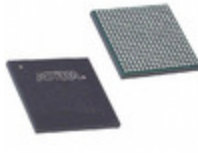
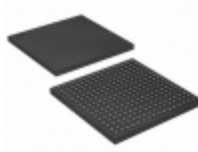
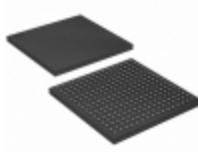
Specifications of EP3C40F324C6

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C40F324C6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 195 I/O 324FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| QUANTITY AVAILABLE               | 653 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       | <div>1.EP3C40F324C6.pdf</div> <div>2.EP3C40F324C6.pdf</div> <div>3.EP3C40F324C6.pdf</div> <div>4.EP3C40F324C6.pdf</div> <div>5.EP3C40F324C6.pdf</div> <div>6.EP3C40F324C6.pdf</div> <div>7.EP3C40F324C6.pdf</div> <div>8.EP3C40F324C6.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 1161216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 324-FBGA (19x19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 324-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OTHER NAMES                      | 544-2481                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 39600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 2475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| BASE PART NUMBER                 | EP3C40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                            |                                 |                               |
|----------------------------|---------------------------------|-------------------------------|
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| EP3C40F324C6 Price         | EP3C40F324C6 Pictures           | EP3C40F324C6 Image            |
| EP3C40F324C6 PDF Datasheet | EP3C40F324C6 Download Datasheet | EP3C40F324C6 Datasheet        |
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| Intel® FPGAs EP3C40F324C6  | Intel® FPGAs Supplier           | Intel® FPGAs Distributor      |
| Intel® FPGAs EP3C40F324C6  |                                 |                               |

Related Products

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP3C25U256C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256UBGA</div> <div>In stock: 1453 pcs</div> <div>RFQ</div>                                 | <div></div> <div>EP3C40F324A7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 195 I/O 324FBGA</div> <div>In stock: 504 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP3C40F324C6N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 195 I/O 324FBGA</div> <div>In stock: 545 pcs</div> <div>RFQ</div>                                  | <div></div> <div>EP3C40F324C7</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 195 I/O 324FBGA</div> <div>In stock: 797 pcs</div> <div>RFQ</div>  |
| <div></div> <div>EP3C40F324C8</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 195 I/O 324FBGA</div> <div>In stock: 944 pcs</div> <div>RFQ</div>                                   | <div></div> <div>EP3C25U256I7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256UBGA</div> <div>In stock: 939 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP3C25U256C8</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 156 I/O 256UBGA</div> <div>In stock: 1671 pcs</div> <div>RFQ</div>  | <div></div> <div>EP3C40F324C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 195 I/O 324FBGA</div> <div>In stock: 716 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP3C40F324I7</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 195 I/O 324FBGA</div> <div>In stock: 620 pcs</div> <div>RFQ</div>                                   | <div></div> <div>EP3C40F324C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 195 I/O 324FBGA</div> <div>In stock: 825 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP3C25U256C8N</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 156 I/O 256UBGA</div> <div>In stock: 1796 pcs</div> <div>RFQ</div> | <div></div> <div>EP3C25U256I7</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256UBGA</div> <div>In stock: 1230 pcs</div> <div>RFQ</div> |