










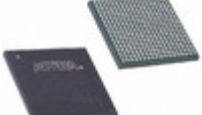
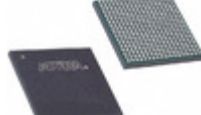
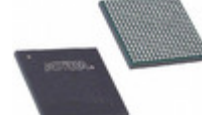
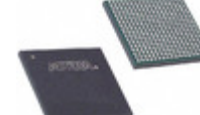
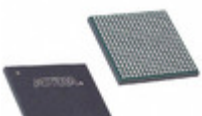
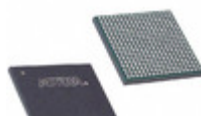
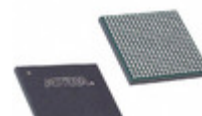
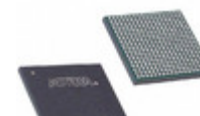
|   |   |
|---|---|
|  | <h2>EP3C40F324C8</h2>   |
|   | <p><b>Manufacturer Part Number:</b> EP3C40F324C8</p> <p><b>Manufacturer/Brand:</b> Intel® FPGAs</p> <p><b>Part of Description:</b> IC FPGA 195 I/O 324FBGA</p> <p><b>Datasheets:</b></p> <ul style="list-style-type: none"> <li> <a href="#">1.EP3C40F324C8.pdf</a></li> <li> <a href="#">2.EP3C40F324C8.pdf</a></li> <li> <a href="#">3.EP3C40F324C8.pdf</a></li> <li> <a href="#">4.EP3C40F324C8.pdf</a></li> <li> <a href="#">5.EP3C40F324C8.pdf</a></li> <li> <a href="#">6.EP3C40F324C8.pdf</a></li> <li> <a href="#">7.EP3C40F324C8.pdf</a></li> <li> <a href="#">8.EP3C40F324C8.pdf</a></li> </ul> <p><b>RoHs Status:</b> Contains lead / RoHS non-compliant</p> <p><b>Stock Condition:</b> New original, 24 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p>                |   |

### Specifications

|                                  |   |
|----------------------------------|---|
| Part Number                      | EP3C40F324C8  |
| Manufacturer                     | Intel® FPGAs  |
| Description                      | IC FPGA 195 I/O 324FBGA                             |
| Category                         | Integrated Circuits (ICs) > Embedded - FPGAs (Field |
| Part Status                      | 24 pcs Stock  |
| 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                      | 544-2483  |
| 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)                                       |
| Manufacturer Standard Lead Time  | 8 Weeks   |
| Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                  |
| Base Part Number                 | EP3C40  |

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|  <p><b>EP3C40F324C7</b><br/>Altera<br/>IC FPGA 195 I/O 324FBGA</p>                  |  <p><b>EP3C40F324C8</b><br/>Altera<br/>IC FPGA 195 I/O 324FBGA</p> |  <p><b>EP3C40F324C7N</b><br/>Altera<br/>IC FPGA 195 I/O 324FBGA</p>       |  <p><b>EP3C40F324C8N</b><br/>Intel® FPGAs<br/>IC FPGA 195 I/O 324FBGA</p> |

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