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|  | <p>EP3C40F324I7N</p> |
| | <p>Manufacturer Part Number: EP3C40F324I7N</p> <p>Manufacturer/Brand: Intel® FPGAs</p> <p>Part of Description: IC FPGA 195 I/O 324FBGA</p> <p>Datasheets:</p> <ul style="list-style-type: none"> 1.EP3C40F324I7N.pdf 2.EP3C40F324I7N.pdf 3.EP3C40F324I7N.pdf 4.EP3C40F324I7N.pdf 5.EP3C40F324I7N.pdf 6.EP3C40F324I7N.pdf 7.EP3C40F324I7N.pdf 8.EP3C40F324I7N.pdf <p>RoHS Status:  Lead free / RoHS</p> <p>Stock Condition: ^{Compliant} New original, 213 pcs Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p> | |

Specifications

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| Part Number | EP3C40F324I7N |
| Manufacturer | Intel® FPGAs |
| Description | IC FPGA 195 I/O 324FBGA |
| Category | Integrated Circuits (ICs) > Embedded - FPGAs (Field |
| Part Status | 213 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 | 544-2547 |
| Operating Temperature | -40°C ~ 100°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 | Lead free / RoHS Compliant |
| Base Part Number | EP3C40 |

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