



Intel® FPGAs



Image may be representation. See specifications for product details.

EP3C80F484C8N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP3C80F484C8N                                                                                                |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 295 I/O 484FBGA                                                                                      |
|                     |  1.EP3C80F484C8N.pdf        |
|                     |  2.EP3C80F484C8N.pdf        |
|                     |  3.EP3C80F484C8N.pdf        |
|                     |  4.EP3C80F484C8N.pdf        |
|                     |  5.EP3C80F484C8N.pdf        |
|                     |  6.EP3C80F484C8N.pdf        |
|                     |  7.EP3C80F484C8N.pdf        |
|                     |  8.EP3C80F484C8N.pdf        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 388 pcs stock                                                                                                |
|                     | Hong Kong                                                                                                    |
| Shipment way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of EP3C80F484C8N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C80F484C8N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC FPGA 295 I/O 484FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 388 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.EP3C80F484C8N.pdf<br> 2.EP3C80F484C8N.pdf<br> 3.EP3C80F484C8N.pdf<br> 4.EP3C80F484C8N.pdf<br> 5.EP3C80F484C8N.pdf<br> 6.EP3C80F484C8N.pdf<br> 7.EP3C80F484C8N.pdf<br> 8.EP3C80F484C8N.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TOTAL RAM BITS                   | 2810880                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 484-FBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 484-BGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | 544-2562                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 81264                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| NUMBER OF LABS/CLBS              | 5079                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| NUMBER OF I/O                    | 295                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | EP3C80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

Related Tags

|                             |                                  |                                |
|-----------------------------|----------------------------------|--------------------------------|
| Intel® FPGAs EP3C80F484C8N  | EP3C80F484C8N Distributor        | EP3C80F484C8N Supplier         |
| EP3C80F484C8N Price         | EP3C80F484C8N Pictures           | EP3C80F484C8N Image            |
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| Intel® FPGAs EP3C80F484C8N  | Intel® FPGAs Supplier            | Intel® FPGAs Distributor       |
| Intel® FPGAs EP3C80F484C8N  |                                  |                                |

Related Products

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
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|  <div>EP3C80F484C7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 295 I/O 484FBGA<br/>In stock: 291 pcs<br/>RFQ</div> |  <div>EP3C80F484C6N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 295 I/O 484FBGA<br/>In stock: 219 pcs<br/>RFQ</div> |
|  <div>EP3C80F484C7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 295 I/O 484FBGA<br/>In stock: 315 pcs<br/>RFQ</div>  |  <div>EP3C80F484C6<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 295 I/O 484FBGA<br/>In stock: 212 pcs<br/>RFQ</div>  |
|  <div>EP3C80F780C7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 429 I/O 780FBGA<br/>In stock: 259 pcs<br/>RFQ</div>  |  <div>EP3C80F484C8<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 295 I/O 484FBGA<br/>In stock: 368 pcs<br/>RFQ</div>                                  |
|  <div>EP3C80F484I7N<br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 295 I/O 484FBGA<br/>In stock: 230 pcs<br/>RFQ</div>                                 |  <div>EP3C80F780C7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 429 I/O 780FBGA<br/>In stock: 249 pcs<br/>RFQ</div> |
|  <div>EP3C80F780C6N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 429 I/O 780FBGA<br/>In stock: 229 pcs<br/>RFQ</div> |  <div>EP3C80F780C6<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 429 I/O 780FBGA<br/>In stock: 238 pcs<br/>RFQ</div>  |
|  <div>EP3C5U256I7N<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 182 I/O 256UBGA<br/>In stock: 2711 pcs<br/>RFQ</div> |  <div>EP3C80F484I7<br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 295 I/O 484FBGA<br/>In stock: 213 pcs<br/>RFQ</div>  |