



Intel® FPGAs

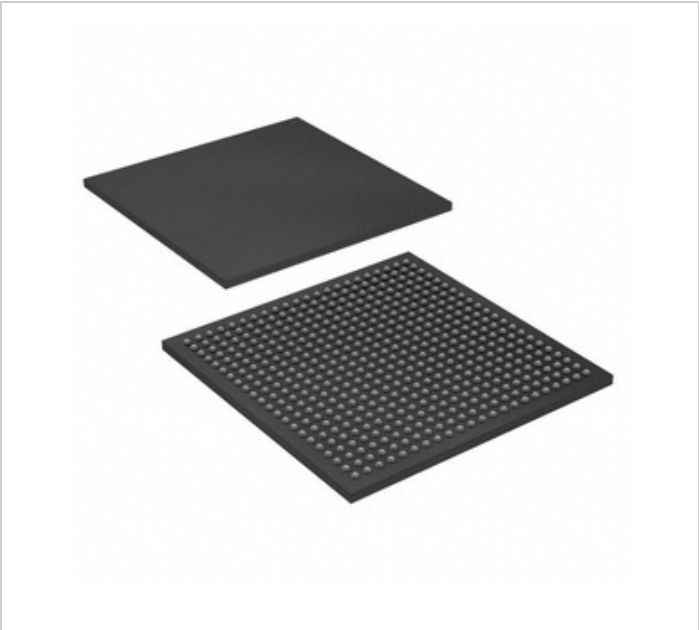


Image may be representation. See specifications for product details.

EP3C40U484I7N

Part Number: EP3C40U484I7N

Manufacturer/Brand: Intel® FPGAs

Product description: IC FPGA 331 I/O 484UBGA

 1.EP3C40U484I7N.pdf

 2.EP3C40U484I7N.pdf

 3.EP3C40U484I7N.pdf

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Datasheets:

RoHs Status  Lead free / RoHS Compliant

Ship From Hong Kong

REQUEST FOR QUOTATION

DHL/Fedex/TNT/UPS/EMS

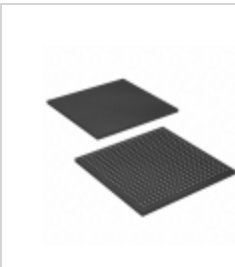
Specifications of EP3C40U484I7N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C40U484I7N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 331 I/O 484UBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       | <div> 1.EP3C40U484I7N.pdf</div> <div> 2.EP3C40U484I7N.pdf</div> <div> 3.EP3C40U484I7N.pdf</div> <div> 4.EP3C40U484I7N.pdf</div> <div> 5.EP3C40U484I7N.pdf</div> <div> 6.EP3C40U484I7N.pdf</div> <div> 7.EP3C40U484I7N.pdf</div> <div> 8.EP3C40U484I7N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 1161216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 484-UBGA (19x19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 484-FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | 544-2552                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 39600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 2475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

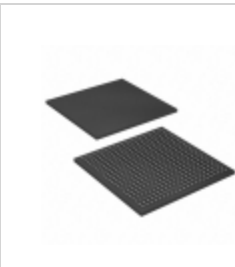
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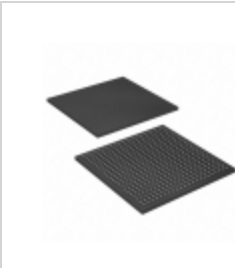
Related Products



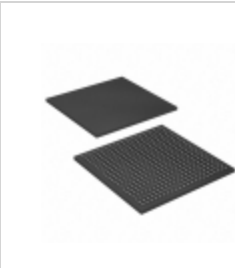
**EP3C40U484C7**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



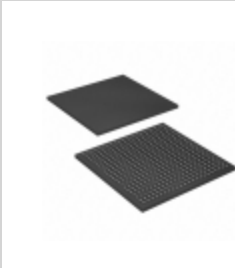
**EP3C40U484C6N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



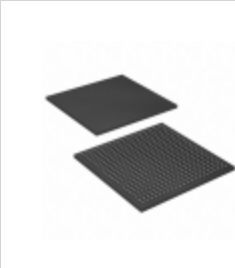
**EP3C55F484C8N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484FBGA  
In stock: 100 pcs  
RFQ



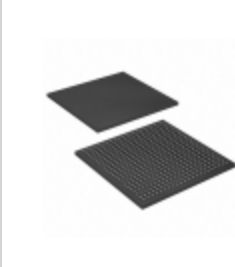
**EP3C40U484C8N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



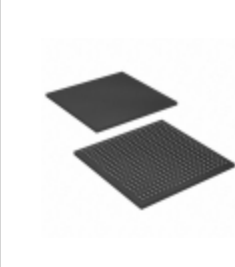
**EP3C40U484C8**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



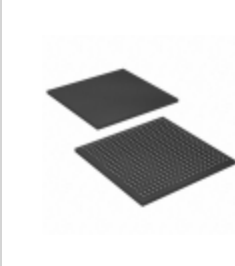
**EP3C40U484C7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ



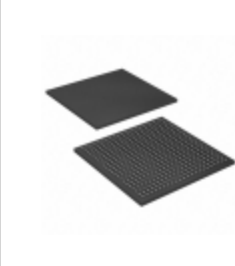
**EP3C55F484C8**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484FBGA  
In stock: Out stock  
RFQ



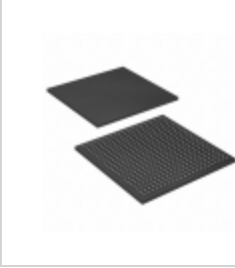
**EP3C55F484C6**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484FBGA  
In stock: Out stock  
RFQ



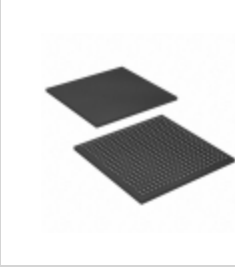
**EP3C55F484C6N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484FBGA  
In stock: 120 pcs  
RFQ



**EP3C55F484C7**  
Manufacturers: Altera (Intel® Programmable Solutions Group)  
Description: IC FPGA 327 I/O 484FBGA  
In stock: Out stock  
RFQ



**EP3C55F484C7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484FBGA  
In stock: 212 pcs  
RFQ



**EP3C40U484I7**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 331 I/O 484UBGA  
In stock: Out stock  
RFQ