



Intel® FPGAs



Image may be representation. See specifications for product details.

EP3C55U484C6N

Part Number:EP3C55U484C6N

Manufacturer/Brand:Intel® FPGAs

Product description:IC FPGA 327 I/O 484UBGA

 1.EP3C55U484C6N.pdf

 2.EP3C55U484C6N.pdf

 3.EP3C55U484C6N.pdf

 4.EP3C55U484C6N.pdf

 5.EP3C55U484C6N.pdf

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Datasheets:

 Lead free / RoHS Compliant

RoHs Status

Ship FromHong Kong

REQUEST FOR QUOTATION

DHL/Fedex/TNT/UPS/EMS

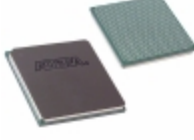
Specifications of EP3C55U484C6N

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C55U484C6N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 327 I/O 484UBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       | <div> 1.EP3C55U484C6N.pdf</div> <div> 2.EP3C55U484C6N.pdf</div> <div> 3.EP3C55U484C6N.pdf</div> <div> 4.EP3C55U484C6N.pdf</div> <div> 5.EP3C55U484C6N.pdf</div> <div> 6.EP3C55U484C6N.pdf</div> <div> 7.EP3C55U484C6N.pdf</div> <div> 8.EP3C55U484C6N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 2396160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 484-UBGA (19x19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 484-FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OTHER NAMES                      | 544-2511                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 55856                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 3491                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 327                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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                 | EP3C55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

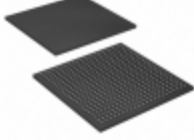
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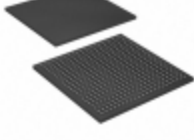
**EP3C55F780C8**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 377 I/O 780FBGA  
In stock: Out stock  
RFQ



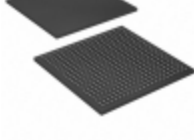
**EP3C55U484C6**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484UBGA  
In stock: Out stock  
RFQ



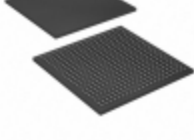
**EP3C55F780C7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 377 I/O 780FBGA  
In stock: Out stock  
RFQ



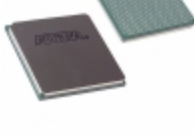
**EP3C55U484C7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484UBGA  
In stock: Out stock  
RFQ



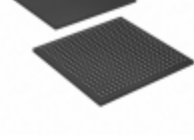
**EP3C55U484I7**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484UBGA  
In stock: Out stock  
RFQ



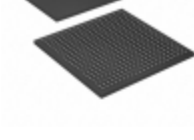
**EP3C55U484C7**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484UBGA  
In stock: Out stock  
RFQ



**EP3C55F780I7**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 377 I/O 780FBGA  
In stock: Out stock  
RFQ



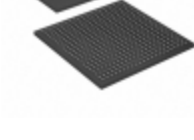
**EP3C55U484C8**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484UBGA  
In stock: Out stock  
RFQ



**EP3C55U484I7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484UBGA  
In stock: 159 pcs  
RFQ



**EP3C55F780C8N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 377 I/O 780FBGA  
In stock: Out stock  
RFQ



**EP3C55U484C8N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 327 I/O 484UBGA  
In stock: Out stock  
RFQ



**EP3C55F780I7N**  
Manufacturers: Intel® FPGAs  
Description: IC FPGA 377 I/O 780FBGA  
In stock: Out stock  
RFQ