



Xilinx

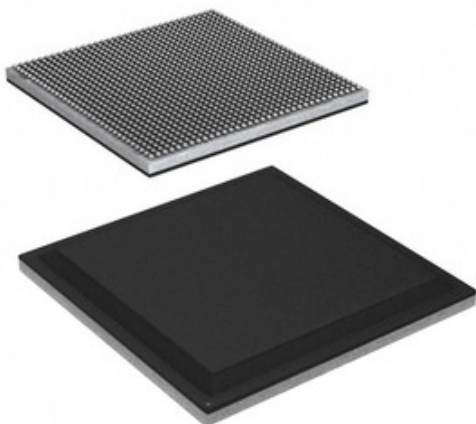


Image may be representation. See specifications for product details.

XCKU040-1FFVA1156I

|                     |                                                                                                                                                                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCKU040-1FFVA1156I                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                                                |
| Product description | IC FPGA 520 I/O 1156FCBGA<br><a href="#">1.XCKU040-1FFVA1156I.pdf</a><br><a href="#">2.XCKU040-1FFVA1156I.pdf</a><br><a href="#">3.XCKU040-1FFVA1156I.pdf</a><br><a href="#">4.XCKU040-1FFVA1156I.pdf</a><br><a href="#">5.XCKU040-1FFVA1156I.pdf</a> |
| Datasheets:         |                                                                                                                                                                                                                                                       |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                 |

REQUEST FOR QUOTATION

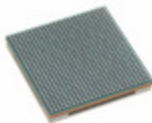
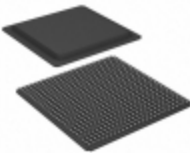
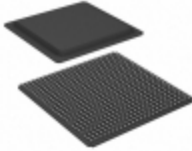
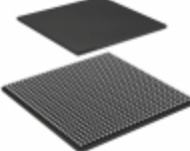
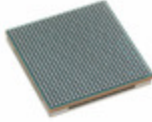
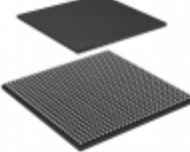
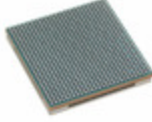
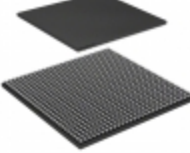
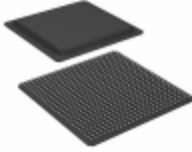
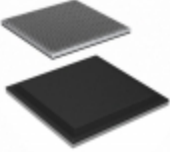
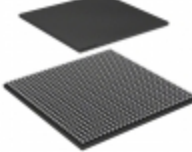
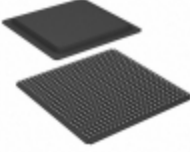
Specifications of XCKU040-1FFVA1156I

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCKU040-1FFVA1156I                                                                                                                                                                                                       |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                   |
| DESCRIPTION                      | IC FPGA 520 I/O 1156FCBGA                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       | <a href="#">1.XCKU040-1FFVA1156I.pdf</a><br><a href="#">2.XCKU040-1FFVA1156I.pdf</a><br><a href="#">3.XCKU040-1FFVA1156I.pdf</a><br><a href="#">4.XCKU040-1FFVA1156I.pdf</a><br><a href="#">5.XCKU040-1FFVA1156I.pdf</a> |
| VOLTAGE - SUPPLY                 | 0.922 V ~ 0.979 V                                                                                                                                                                                                        |
| TOTAL RAM BITS                   | 21606000                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 1156-FCBGA (35x35)                                                                                                                                                                                                       |
| SERIES                           | Kintex® UltraScale™                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 1156-BBGA, FCBGA                                                                                                                                                                                                         |
| OTHER NAMES                      | 122-2177<br>XCKU040-1FFVA1156I-ND                                                                                                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                       |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 530250                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 30300                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 520                                                                                                                                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 Hours)                                                                                                                                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |

Related Tags

|                                  |                                       |                               |
|----------------------------------|---------------------------------------|-------------------------------|
| Xilinx XCKU040-1FFVA1156I        | XCKU040-1FFVA1156I Distributor        | XCKU040-1FFVA1156I Supplier   |
| XCKU040-1FFVA1156I Price         | XCKU040-1FFVA1156I Pictures           | XCKU040-1FFVA1156I Image      |
| XCKU040-1FFVA1156I PDF Datasheet | XCKU040-1FFVA1156I Download Datasheet | XCKU040-1FFVA1156I Datasheet  |
| XCKU040-1FFVA1156I Stock         | Buy XCKU040-1FFVA1156I                | Buy Xilinx XCKU040-1FFVA1156I |
| Xilinx XCKU040-1FFVA1156I        | Xilinx Supplier                       | Xilinx Distributor            |
| Xilinx XCKU040-1FFVA1156I        | Xilinx Inc. XCKU040-1FFVA1156I        |                               |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>XCKU040-1SFVA784I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 468 I/O 784FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>XCKU040-2FBVA676E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 312 I/O 676FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XCKU040-1FBVA676I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 312 I/O 676FCBGA<br/>In stock: 3 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>XCKU040-1FBVA900C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 468 I/O 900FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XCKU040-1SFVA784C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 468 I/O 784FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>XCKU040-2FBVA900E</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 468 I/O 900FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XCKU035-L1SFVA784I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                 | <div></div> <div><b>XCKU040-1FBVA900I</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 468 I/O 900FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>XCKU040-1FBVA676C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 312 I/O 676FCBGA<br/>In stock: 3 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>XCKU040-1FFVA1156C</b><br/>Manufacturers: Xilinx<br/>Description: IC FPGA 520 I/O 1156FCBGA<br/>In stock: 3 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>XCKU040-2FBVA900I</b><br/>Manufacturers: Xilinx<br/>Description: XCKU040-2FBVA900I<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>XCKU040-2FBVA676I</b><br/>Manufacturers: Xilinx<br/>Description: XCKU040-2FBVA676I<br/>In stock: Out stock<br/><div>RFQ</div></div>        |