



Xilinx



ALL PROGRAMMABLE.

Image may be representation. See specifications for product details.

XCVU080-1FFVB1760I

|                     |                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XCVU080-1FFVB1760I                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | Xilinx                                                                                                                                                                                                                                                                                                                                                              |
| Product description | IC FPGA 702 I/O 1760FCBGA<br> 1.XCVU080-1FFVB1760I.pdf<br> 2.XCVU080-1FFVB1760I.pdf<br> 3.XCVU080-1FFVB1760I.pdf |
| Datasheets:         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                        |
| RoHs Status         | Hong Kong                                                                                                                                                                                                                                                                                                                                                           |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                               |
| Shipment Way        |                                                                                                                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

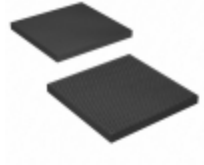
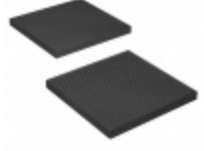
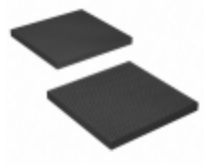
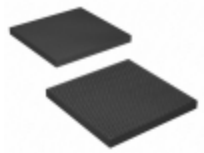
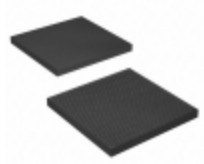
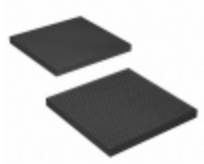
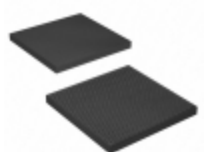
Specifications of XCVU080-1FFVB1760I

|                                  |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XCVU080-1FFVB1760I                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Xilinx                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC FPGA 702 I/O 1760FCBGA                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.XCVU080-1FFVB1760I.pdf<br> 2.XCVU080-1FFVB1760I.pdf<br> 3.XCVU080-1FFVB1760I.pdf |
| VOLTAGE - SUPPLY                 | 0.922 V ~ 0.979 V                                                                                                                                                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 51200000                                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 1760-FCBGA (42.5x42.5)                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | Virtex® UltraScale™                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 1760-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 975000                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LABS/CLBS              | 55714                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 702                                                                                                                                                                                                                                                                                                                                          |
| 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

|                                  |                                       |                               |
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Related Products

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| <div><div>Xilinx</div></div> <div><p><b>XCVU080-1FFVD1517I</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 338 I/O 1517FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div>   | <div><div>Xilinx</div></div> <div><p><b>XCVU080-1FFVB2104I</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 702 I/O 2104FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div> |
| <div><div>Xilinx</div></div> <div><p><b>XCVU080-2FFVA2104E</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 832 I/O 2104FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div>   | <div><div>Xilinx</div></div> <div><p><b>XCVU080-1FFVC1517I</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 520 I/O 1517FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div> |
| <div><div>Xilinx</div></div> <div><p><b>XCVU065-1FFVC1517I</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 520 I/O 1517FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div>   | <div><div>Xilinx</div></div> <div><p><b>XCVU080-1FFVA2104I</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 832 I/O 2104FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div> |
| <div><div>Xilinx</div></div> <div><p><b>XCVU080-2FFVB1760E</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 702 I/O 1760FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div>   | <div><div>Xilinx</div></div> <div><p><b>XCVU065-2FFVC1517I</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 520 I/O 1517FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div> |
| <div><div>Xilinx</div></div> <div><p><b>XCVU065-H1FFVC1517E</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA VIRTEX-U 1517FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div> | <div><div>Xilinx</div></div> <div><p><b>XCVU065-3FFVC1517E</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 520 I/O 1517FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div> |
| <div><div>Xilinx</div></div> <div><p><b>XCVU080-2FFVA2104I</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 832 I/O 2104FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div>   | <div><div>Xilinx</div></div> <div><p><b>XCVU065-2FFVC1517E</b></p><p>Manufacturers: Xilinx</p><p>Description: IC FPGA 520 I/O 1517FCBGA</p><p>In stock: Out stock</p><p>RFQ</p></div> |