

EP1S40F780C5



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Part Number: EP1S40F780C5

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 615 I/O 780FBGA

Data sheet:  780-FBGA Pkg Info  
 Virtual JTAG Megafuntion User Guide  
 Stratix Device Datasheet  
 Stratix Device Handbook

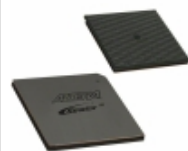
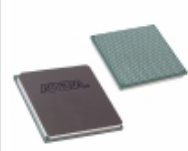
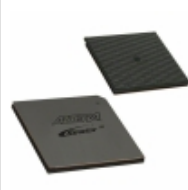
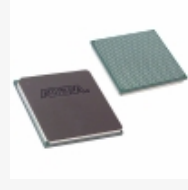
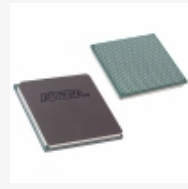
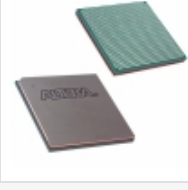
RoHS Status: Contains lead / RoHS non-compliant

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| PRODUCT PARAMETER                |                                           |                                |                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                      | EP1S40F780C5                              | Manufacturer                   | Altera (Intel® Programmable Solutions Group)                                                                                                                                    |
| Description                      | IC FPGA 615 I/O 780FBGA                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                                                              |
| Quantity Available               | 4162 pcs                                  | Data sheet                     | <a href="#">780-FBGA Pkg Info</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a><br><a href="#">Stratix Device Datasheet</a><br><a href="#">Stratix Device Handbook</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.425 V ~ 1.575 V                                                                                                                                                               |
| Total RAM Bits                   | 3423744                                   | Supplier Device Package        | 780-FBGA (29x29)                                                                                                                                                                |
| Series                           | Stratix®                                  | Package / Case                 | 780-BBGA, FCBGA                                                                                                                                                                 |
| Other Names                      | 544-1782                                  | Operating Temperature          | 0°C ~ 85°C (TJ)                                                                                                                                                                 |
| Number of Logic Elements/Cells   | 41250                                     | Number of LABs/CLBs            | 4125                                                                                                                                                                            |
| Number of I/O                    | 615                                       | Mounting Type                  | Surface Mount                                                                                                                                                                   |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                                                              |
| Base Part Number                 | EP1S40                                    |                                |                                                                                                                                                                                 |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Altera (Intel® Programmable Solutions Group) series electronic components. We have 4162 pieces of Altera (Intel® Programmable Solutions Group) EP1S40F780C5 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                                             |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EP1S40F780I8</a><br>Description: IC FPGA STRATIX 780FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1508C7</a><br>Description: IC FPGA 822 I/O 1508FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1508C5N</a><br>Description: IC FPGA 822 I/O 1508FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1020I6AA</a><br>Description: IC FPGA STRATIX 1020FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780C7</a><br>Description: IC FPGA 615 I/O 780FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780I6N</a><br>Description: IC FPGA 615 I/O 780FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780C6N</a><br>Description: IC FPGA 615 I/O 780FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1508C6NGA</a><br>Description: IC FPGA STRATIX 1508FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780C6</a><br>Description: IC FPGA 615 I/O 780FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780I6</a><br>Description: IC FPGA 615 I/O 780FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780C8N</a><br>Description: IC FPGA 615 I/O 780FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1508C5</a><br>Description: IC FPGA 822 I/O 1508FBGA    | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">EP1S40F1508C7N</a><br>Description: IC FPGA 822 I/O 1508FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780C5N</a><br>Description: IC FPGA 615 I/O 780FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780C8</a><br>Description: IC FPGA 615 I/O 780FBGA      | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1020I6GB</a><br>Description: IC FPGA STRATIX 1020FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F780C7N</a><br>Description: IC FPGA 615 I/O 780FBGA     | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1020I6N</a><br>Description: IC FPGA 773 I/O 1020FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP1S40F1508C6N</a><br>Description: IC FPGA 822 I/O 1508FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

Related keywords for EP1S40F780C5

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