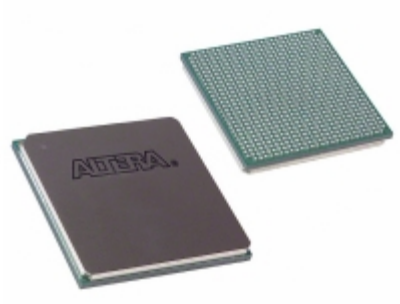


EP3CLS100F780I7



Images are for reference only.  
See Product Specifications for product details.  
Buy EP3CLS100F780I7 with confidence from  
Component-World.HK, 1 Year Warranty



**Part Number:** [EP3CLS100F780I7](#)

**Manufacturer:** [Altera \(Intel® Programmable Solutions Group\)](#)

**Description:** IC FPGA 413 I/O 780FBGA

**Data sheet:**  [Cyclone III FPGA Family Errata](#)  
 [Cyclone III Family Overview](#)  
 [Cyclone III Device Handbook Vol2](#)  
 [Cyclone III Device Handbook Vol1](#)  
 [Cyclone III Brochure](#)  
 [Cyclone III\\_Design Guidelines](#)  
 [Virtual JTAG Megafuntion User Guide](#)  
 [Cyclone III Datasheet](#)

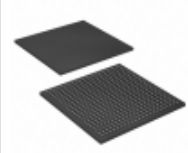
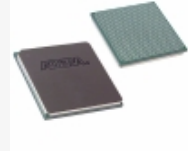
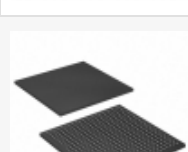
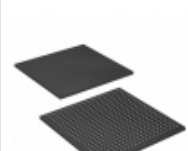
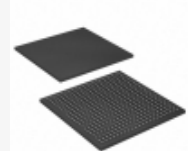
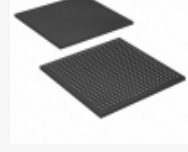
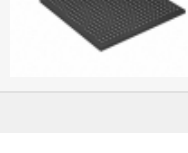
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                  |                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EP3CLS100F780I7                           | Manufacturer                     | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                                                                                                                                                                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 413 I/O 780FBGA                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 109 pcs                                   | Data sheet                       | <a href="#">Cyclone III FPGA Family Errata</a><br><a href="#">Cyclone III Family Overview</a><br><a href="#">Cyclone III Device Handbook Vol2</a><br><a href="#">Cyclone III Device Handbook Vol1</a><br><a href="#">Cyclone III Brochure</a><br><a href="#">Cyclone III_Design Guidelines</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a><br><a href="#">Cyclone III Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4451328                                   | Supplier Device Package          | 780-FBGA (29x29)                                                                                                                                                                                                                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cyclone® III                              | Package / Case                   | 780-BGA                                                                                                                                                                                                                                                                                                                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 100°C (TJ)                        | Number of Logic Elements/Cells   | 100448                                                                                                                                                                                                                                                                                                                                                                                         |
| Number of LABs/CLBs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6278                                      | Number of I/O                    | 413                                                                                                                                                                                                                                                                                                                                                                                            |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8 Weeks                                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                                                                                                                                                                                                                                                                                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EP3CLS100                                 |                                  |                                                                                                                                                                                                                                                                                                                                                                                                |
| 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 109 pieces of Altera (Intel® Programmable Solutions Group) EP3CLS100F780I7 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                                                                                                                                                                                                                                                                                                |

| RELATED PRODUCTS                                                                   |                                                                                 |                                                                             |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EP3CLS100F484C7N</a><br>Description: IC FPGA 278 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F780I7N</a><br>Description: IC FPGA 413 I/O 780FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F780C8N</a><br>Description: IC FPGA 413 I/O 780FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F780C7</a><br>Description: IC FPGA 413 I/O 780FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F484C7</a><br>Description: IC FPGA 278 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C8N</a><br>Description: IC FPGA 278 I/O 484UBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F780C7N</a><br>Description: IC FPGA 413 I/O 780FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484C8</a><br>Description: IC FPGA 210 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C7N</a><br>Description: IC FPGA 278 I/O 484UBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F484C8N</a><br>Description: IC FPGA 278 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484I7</a><br>Description: IC FPGA 278 I/O 484UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C7</a><br>Description: IC FPGA 278 I/O 484UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484C8</a><br>Description: IC FPGA 278 I/O 484UBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484C7N</a><br>Description: IC FPGA 210 I/O 484FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F780C8</a><br>Description: IC FPGA 413 I/O 780FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F484I7N</a><br>Description: IC FPGA 278 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS150F484C7</a><br>Description: IC FPGA 210 I/O 484FBGA  | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F484C8</a><br>Description: IC FPGA 278 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100F484I7</a><br>Description: IC FPGA 278 I/O 484FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EP3CLS100U484I7N</a><br>Description: IC FPGA 278 I/O 484UBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <a href="#">RFQ</a> |

|                                                                 |                                              |                           |                                              |
|-----------------------------------------------------------------|----------------------------------------------|---------------------------|----------------------------------------------|
| Related keywords for <b>EP3CLS100F780I7</b>                     |                                              |                           |                                              |
| Altera (Intel® Programmable Solutions Group)<br>EP3CLS100F780I7 | EP3CLS100F780I7 distributor                  | EP3CLS100F780I7 supplier  | EP3CLS100F780I7 price                        |
|                                                                 | EP3CLS100F780I7 download datasheet           | EP3CLS100F780I7 datasheet | EP3CLS100F780I7 stock                        |
| buy EP3CLS100F780I7                                             | Altera (Intel® Programmable Solutions Group) | Altera EP3CLS100F780I7    | Altera (Intel® Programmable Solutions Group) |
|                                                                 | EP3CLS100F780I7                              |                           | EP3CLS100F780I7                              |