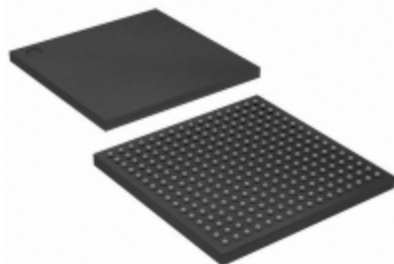


EP1C6F256C6



Images are for reference only.  
See Product Specifications for product details.  
Buy EP1C6F256C6 with confidence from Component-World.HK, 1 Year Warranty



Part Number: [EP1C6F256C6](#)

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

Description: IC FPGA 185 I/O 256FBGA

Data sheet:  [Cyclone Device Handbook, Volume 1](#)  
 [256-FBGA Pkg Info](#)  
 [Virtual JTAG Megafuntion User Guide](#)  
 [Cyclone FPGA Family](#)

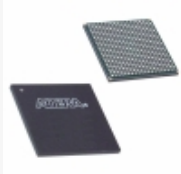
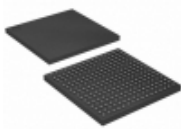
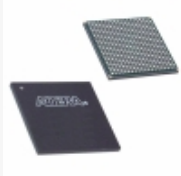
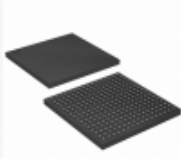
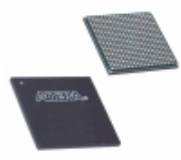
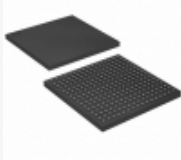
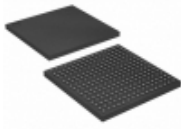
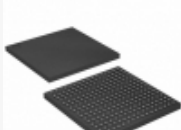
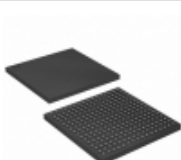
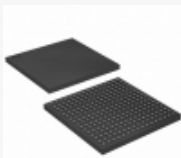
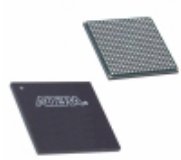
RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                |                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | EP1C6F256C6                               | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC FPGA 185 I/O 256FBGA                   | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2099 pcs                                  | Data sheet                     | <a href="#">Cyclone Device Handbook, Volume 1</a><br><a href="#">256-FBGA Pkg Info</a><br><a href="#">Virtual JTAG Megafuntion User Guide</a><br><a href="#">Cyclone FPGA Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 1.425 V ~ 1.575 V                                                                                                                                                                    |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 92160                                     | Supplier Device Package        | 256-FBGA (17x17)                                                                                                                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cyclone®                                  | Package / Case                 | 256-BGA                                                                                                                                                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 544-1018                                  | Operating Temperature          | 0°C ~ 85°C (TJ)                                                                                                                                                                      |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5980                                      | Number of LABs/CLBs            | 598                                                                                                                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 185                                       | Mounting Type                  | Surface Mount                                                                                                                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EP1C6                                     |                                |                                                                                                                                                                                      |
| 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 2099 pieces of Altera (Intel® Programmable Solutions Group) EP1C6F256C6 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="#">EP1C6F256C8EC</a><br>Description: IC FPGA FBGA           | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C7</a><br>Description: IC FPGA 301 I/O 400FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256C7N</a><br>Description: IC FPGA 185 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C8</a><br>Description: IC FPGA 301 I/O 400FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C8NAB</a><br>Description: IC FPGA FBGA          | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256C6N</a><br>Description: IC FPGA 185 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C8N</a><br>Description: IC FPGA 301 I/O 400FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256I7N</a><br>Description: IC FPGA 185 I/O 256FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256C7</a><br>Description: IC FPGA 185 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256C8</a><br>Description: IC FPGA 185 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256C8N</a><br>Description: IC FPGA 185 I/O 256FBGA | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256I7</a><br>Description: IC FPGA 185 I/O 256FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400I7</a><br>Description: IC FPGA 301 I/O 400FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256C7NAB</a><br>Description: IC FPGA FBGA          | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C6F256C6NGA</a><br>Description: IC FPGA FBGA          | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400I7N</a><br>Description: IC FPGA 301 I/O 400FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C7N</a><br>Description: IC FPGA 301 I/O 400FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C6</a><br>Description: IC FPGA 301 I/O 400FBGA  | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C8NAA</a><br>Description: IC FPGA FBGA          | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EP1C4F400C6N</a><br>Description: IC FPGA 301 I/O 400FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

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