



Intel® FPGAs

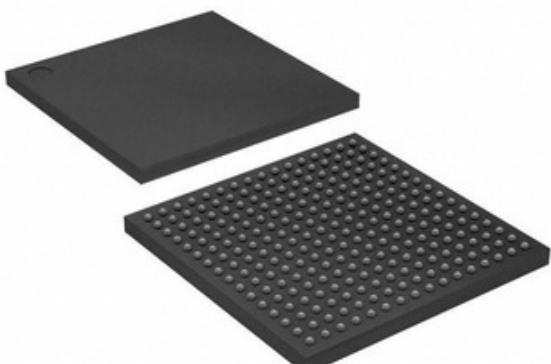


Image may be representation. See specifications for product details.

EP2C5F256C7N

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP2C5F256C7N                                                                                                 |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 158 I/O 256FBGA                                                                                      |
|                     |  1.EP2C5F256C7N.pdf         |
|                     |  2.EP2C5F256C7N.pdf         |
|                     |  3.EP2C5F256C7N.pdf         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4287 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

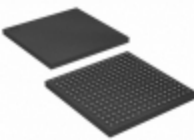
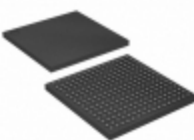
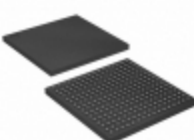
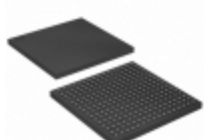
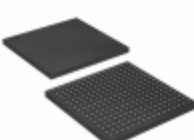
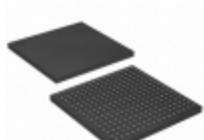
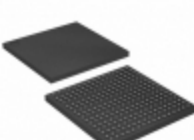
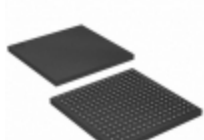
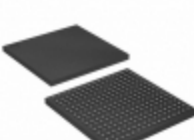
Specifications of EP2C5F256C7N

|                                  |                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP2C5F256C7N                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC FPGA 158 I/O 256FBGA                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 4287 pcs                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.EP2C5F256C7N.pdf<br> 2.EP2C5F256C7N.pdf<br> 3.EP2C5F256C7N.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                            |
| TOTAL RAM BITS                   | 119808                                                                                                                                                                                                                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                                                                                                                                                                                                           |
| SERIES                           | Cyclone® II                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                   |
| OTHER NAMES                      | 544-1657                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                            |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 4608                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF LABS/CLBS              | 288                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 158                                                                                                                                                                                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | EP2C5                                                                                                                                                                                                                                                                                                                      |

Related Tags

|                            |                                 |                               |
|----------------------------|---------------------------------|-------------------------------|
| Intel® FPGAs EP2C5F256C7N  | EP2C5F256C7N Distributor        | EP2C5F256C7N Supplier         |
| EP2C5F256C7N Price         | EP2C5F256C7N Pictures           | EP2C5F256C7N Image            |
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| Intel® FPGAs EP2C5F256C7N  | Intel® FPGAs Supplier           | Intel® FPGAs Distributor      |
| Intel® FPGAs EP2C5F256C7N  |                                 |                               |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                        |
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|  <div><b>EP2C5AT144A7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 89 I/O 144TQFP<br/>In stock: 4464 pcs<br/><div>RFQ</div></div> |  <div><b>EP2C5F256C6N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 3524 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EP2C5Q208C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 142 I/O 208QFP<br/>In stock: 4728 pcs<br/><div>RFQ</div></div>   |  <div><b>EP2C5F256C8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 5411 pcs<br/><div>RFQ</div></div>                                  |
|  <div><b>EP2C5Q208C7N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 142 I/O 208QFP<br/>In stock: 4357 pcs<br/><div>RFQ</div></div>                                  |  <div><b>EP2C5F256C8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 4363 pcs<br/><div>RFQ</div></div>   |
|  <div><b>EP2C5F256I8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 4201 pcs<br/><div>RFQ</div></div>                                 |  <div><b>EP2C5AF256A7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 3498 pcs<br/><div>RFQ</div></div> |
|  <div><b>EP2C5F256C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 4476 pcs<br/><div>RFQ</div></div>  |  <div><b>EP2C5AF256I8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 4714 pcs<br/><div>RFQ</div></div> |
|  <div><b>EP2C5F256C6</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 3008 pcs<br/><div>RFQ</div></div>  |  <div><b>EP2C5F256I8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 158 I/O 256FBGA<br/>In stock: 4551 pcs<br/><div>RFQ</div></div>   |