



Altera (Intel® Programmable Solutions Group)

Solutions Group)



EP2C20F256C8N

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EP2C20F256C8N                                                                                                                 |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                                  |
| Product description | IC FPGA 152 I/O 256FBGA <div>PDF1.EP2C20F256C8N.pdf</div> <div>PDF2.EP2C20F256C8N.pdf</div> <div>PDF3.EP2C20F256C8N.pdf</div> |
| Datasheets:         |                                                                                                                               |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>        |
| Stock Condition     | 2029 pcs stock                                                                                                                |
| Ship From           | Hong Kong                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                         |

REQUEST FOR QUOTATION

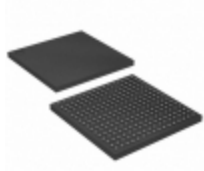
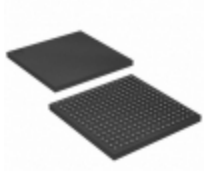
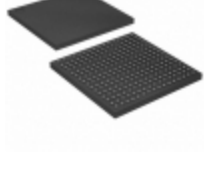
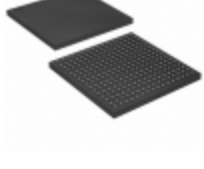
Specifications of EP2C20F256C8N

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP2C20F256C8N                                                                                                                          |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                           |
| DESCRIPTION                      | IC FPGA 152 I/O 256FBGA                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| QUANTITY AVAILABLE               | 2029 pcs                                                                                                                               |
| DATA SHEET                       | <div><div>PDF</div>1.EP2C20F256C8N.pdf</div> <div><div>PDF</div>2.EP2C20F256C8N.pdf</div> <div><div>PDF</div>3.EP2C20F256C8N.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                        |
| TOTAL RAM BITS                   | 239616                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                       |
| SERIES                           | Cyclone® II                                                                                                                            |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                               |
| OTHER NAMES                      | 544-1658                                                                                                                               |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                        |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 18752                                                                                                                                  |
| NUMBER OF LABS/CLBS              | 1172                                                                                                                                   |
| NUMBER OF I/O                    | 152                                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                             |
| BASE PART NUMBER                 | EP2C20                                                                                                                                 |

Related Tags

|                                                            |                                                       |                                                                |
|------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) EP2C20F256C8N | EP2C20F256C8N Distributor                             | EP2C20F256C8N Supplier                                         |
| EP2C20F256C8N Price                                        | EP2C20F256C8N Pictures                                | EP2C20F256C8N Image                                            |
| EP2C20F256C8N PDF Datasheet                                | EP2C20F256C8N Download Datasheet                      | EP2C20F256C8N Datasheet                                        |
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Related Products

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| <div></div> <div><b>EP2C20F256C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 152 I/O 256FBGA<br/>In stock: 1442 pcs<br/>RFQ</div>                                  | <div></div> <div><b>EP2C20F256C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 256FBGA<br/>In stock: 1490 pcs<br/>RFQ</div> |
| <div></div> <div><b>EP2C20F484C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 315 I/O 484FBGA<br/>In stock: 1043 pcs<br/>RFQ</div>                                   | <div></div> <div><b>EP2C20F484C7N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 315 I/O 484FBGA<br/>In stock: 1449 pcs<br/>RFQ</div> |
| <div></div> <div><b>EP2C20F256C8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 256FBGA<br/>In stock: 1835 pcs<br/>RFQ</div>   | <div></div> <div><b>EP2C20F256I8N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 152 I/O 256FBGA<br/>In stock: 1555 pcs<br/>RFQ</div>                                 |
| <div></div> <div><b>EP2C20F256C7</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 256FBGA<br/>In stock: 1463 pcs<br/>RFQ</div>   | <div></div> <div><b>EP2C20F484C7</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 315 I/O 484FBGA<br/>In stock: 1533 pcs<br/>RFQ</div>                                  |
| <div></div> <div><b>EP2C20AF484I8N</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 315 I/O 484FBGA<br/>In stock: 1371 pcs<br/>RFQ</div> | <div></div> <div><b>EP2C20F256C6</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 152 I/O 256FBGA<br/>In stock: 1127 pcs<br/>RFQ</div>                                  |
| <div></div> <div><b>EP2C20F484C6N</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 315 I/O 484FBGA<br/>In stock: 1256 pcs<br/>RFQ</div>                                  | <div></div> <div><b>EP2C20F256I8</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 152 I/O 256FBGA<br/>In stock: 1363 pcs<br/>RFQ</div>  |