



Altera (Intel® Programmable Solutions Group)



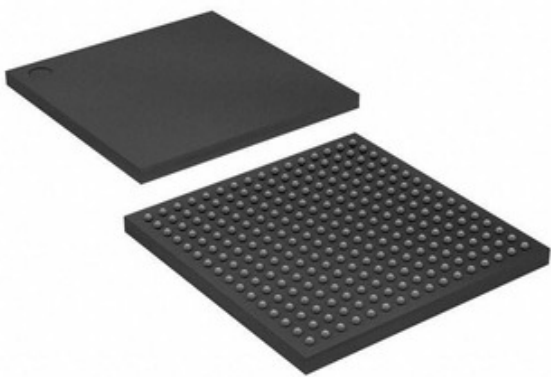


Image may be representation. See specifications for product details.

EP3C25F256C8

Part Number:EP3C25F256C8

Manufacturer/Brand:Altera (Intel® Programmable Solutions Group)

Product descriptionIC FPGA 156 I/O 256FBGA

1.EP3C25F256C8.pdf

2.EP3C25F256C8.pdf

3.EP3C25F256C8.pdf

4.EP3C25F256C8.pdf

5.EP3C25F256C8.pdf

6.EP3C25F256C8.pdf

7.EP3C25F256C8.pdf

8.EP3C25F256C8.pdf

Datasheets:

RoHs Status

Lead free / RoHS Compliant

Stock Condition1935 pcs stock

REQUEST FOR QUOTATION

ing

Shipment wayDHL/ Fedex/TNT/UPS/EMS

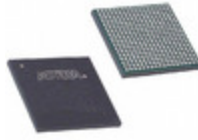
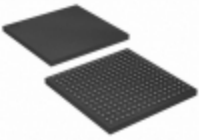
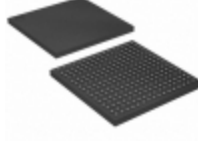
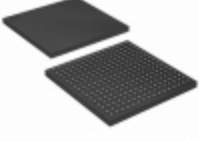
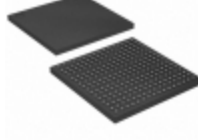
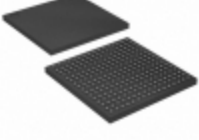
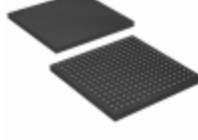
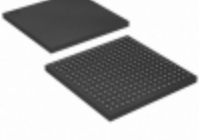
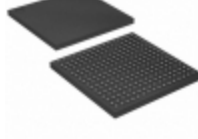
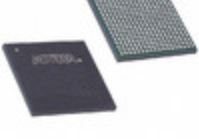
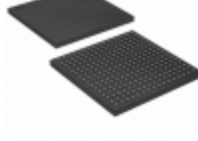
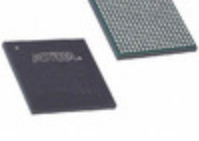
Specifications of EP3C25F256C8

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EP3C25F256C8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC FPGA 156 I/O 256FBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| QUANTITY AVAILABLE               | 1935 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       | <div>1.EP3C25F256C8.pdf</div> <div>2.EP3C25F256C8.pdf</div> <div>3.EP3C25F256C8.pdf</div> <div>4.EP3C25F256C8.pdf</div> <div>5.EP3C25F256C8.pdf</div> <div>6.EP3C25F256C8.pdf</div> <div>7.EP3C25F256C8.pdf</div> <div>8.EP3C25F256C8.pdf</div> |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TOTAL RAM BITS                   | 608256                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SERIES                           | Cyclone® III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 24624                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF LABS/CLBS              | 1539                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 156                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| BASE PART NUMBER                 | EP3C25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                                           |                                                       |                                                               |
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Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>EP3C25F324C6</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 215 I/O 324FBGA</div> <div>In stock: 995 pcs</div> <div>RFQ</div>   | <div></div> <div>EP3C25F256C7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 1468 pcs</div> <div>RFQ</div>                                  |
| <div></div> <div>EP3C25F256C6N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 1188 pcs</div> <div>RFQ</div> | <div></div> <div>EP3C25F256C7ES</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 3704 pcs</div> <div>RFQ</div> |
| <div></div> <div>EP3C25F256C6</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 972 pcs</div> <div>RFQ</div>   | <div></div> <div>EP3C25F256C7</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 1185 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>EP3C25F256I7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 1064 pcs</div> <div>RFQ</div> | <div></div> <div>EP3C25F256A7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 944 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>EP3C25F256C8N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 1602 pcs</div> <div>RFQ</div> | <div></div> <div>EP3C25F324A7N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 215 I/O 324FBGA</div> <div>In stock: 644 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>EP3C25F256I7</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 156 I/O 256FBGA</div> <div>In stock: 990 pcs</div> <div>RFQ</div>   | <div></div> <div>EP3C25F324C6N</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 215 I/O 324FBGA</div> <div>In stock: 934 pcs</div> <div>RFQ</div>                                   |