



10M50DCF256C7G

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10M50DCF256C7G                                                                                               |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 178 I/O 256FBGA                                                                                      |
|                     |  1.10M50DCF256C7G.pdf       |
|                     |  2.10M50DCF256C7G.pdf       |
|                     |  3.10M50DCF256C7G.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 971 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

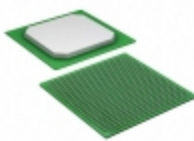
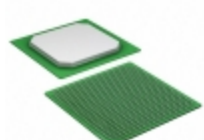
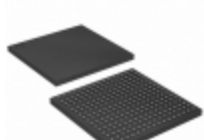
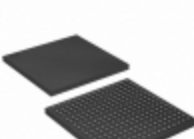
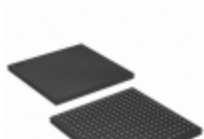
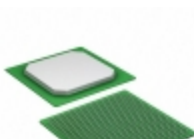
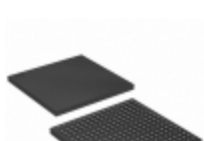
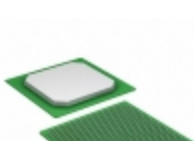
Specifications of 10M50DCF256C7G

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10M50DCF256C7G                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC FPGA 178 I/O 256FBGA                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 971 pcs                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.10M50DCF256C7G.pdf<br> 2.10M50DCF256C7G.pdf<br> 3.10M50DCF256C7G.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                  |
| TOTAL RAM BITS                   | 1677312                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                                                                                                                                                                                                                 |
| SERIES                           | MAX® 10                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 85°C (TJ)                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 50000                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF LABS/CLBS              | 3125                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 178                                                                                                                                                                                                                                                                                                                              |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |

Related Tags

|                              |                                   |                                 |
|------------------------------|-----------------------------------|---------------------------------|
| Intel® FPGAs 10M50DCF256C7G  | 10M50DCF256C7G Distributor        | 10M50DCF256C7G Supplier         |
| 10M50DCF256C7G Price         | 10M50DCF256C7G Pictures           | 10M50DCF256C7G Image            |
| 10M50DCF256C7G PDF Datasheet | 10M50DCF256C7G Download Datasheet | 10M50DCF256C7G Datasheet        |
| 10M50DCF256C7G Stock         | Buy 10M50DCF256C7G                | Buy Intel® FPGAs 10M50DCF256C7G |
| Intel® FPGAs 10M50DCF256C7G  | Intel® FPGAs Supplier             | Intel® FPGAs Distributor        |
| Intel® FPGAs 10M50DCF256C7G  |                                   |                                 |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>10M50DCF484C7G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 845 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10M50DAF672C6GES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 500 I/O 672FBGA<br/>In stock: 431 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10M50DAF672I7G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 500 I/O 672FBGA<br/>In stock: 582 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10M50DCF484C8G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 558 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>10M50DCF256C8G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 901 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10M50DAF672I6G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 500 I/O 672FBGA<br/>In stock: 5565 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>10M50DCF484I6G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 360 I/O 484FBGA<br/>In stock: 3422 pcs</div> <div>RFQ</div> | <div></div> <div><b>10M50DCF256I7G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 760 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>10M50DCF256A7G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 611 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10M50DAF672C7G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 500 I/O 672FBGA<br/>In stock: 669 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>10M50DCF256I6G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 6494 pcs</div> <div>RFQ</div> | <div></div> <div><b>10M50DAF672C8G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 500 I/O 672FBGA<br/>In stock: 722 pcs</div> <div>RFQ</div>                                   |