



10M16DCF256I7G

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10M16DCF256I7G                                                                                               |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC FPGA 178 I/O 256FBGA                                                                                      |
|                     |  1.10M16DCF256I7G.pdf       |
|                     |  2.10M16DCF256I7G.pdf       |
|                     |  3.10M16DCF256I7G.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1915 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

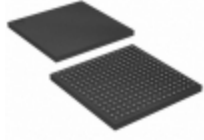
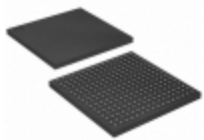
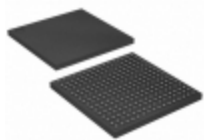
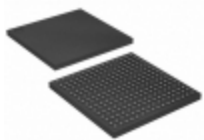
Specifications of 10M16DCF256I7G

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10M16DCF256I7G                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC FPGA 178 I/O 256FBGA                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 1915 pcs                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.10M16DCF256I7G.pdf<br> 2.10M16DCF256I7G.pdf<br> 3.10M16DCF256I7G.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                  |
| TOTAL RAM BITS                   | 562176                                                                                                                                                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 256-FBGA (17x17)                                                                                                                                                                                                                                                                                                                 |
| SERIES                           | MAX® 10                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                                                                                                                                         |
| OTHER NAMES                      | 544-3105                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                                                                                                               |
| NUMBER OF LOGIC ELEMENTS/CELLS   | 16000                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF LABS/CLBS              | 1000                                                                                                                                                                                                                                                                                                                             |
| 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 10M16DCF256I7G  | 10M16DCF256I7G Distributor        | 10M16DCF256I7G Supplier         |
| 10M16DCF256I7G Price         | 10M16DCF256I7G Pictures           | 10M16DCF256I7G Image            |
| 10M16DCF256I7G PDF Datasheet | 10M16DCF256I7G Download Datasheet | 10M16DCF256I7G Datasheet        |
| 10M16DCF256I7G Stock         | Buy 10M16DCF256I7G                | Buy Intel® FPGAs 10M16DCF256I7G |
| Intel® FPGAs 10M16DCF256I7G  | Intel® FPGAs Supplier             | Intel® FPGAs Distributor        |
| Intel® FPGAs 10M16DCF256I7G  |                                   |                                 |

Related Products

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| <div></div> <div><b>10M16DCF484A7G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 320 I/O 484FBGA<br/>In stock: 1783 pcs</div> <div>RFQ</div> | <div></div> <div><b>10M16DCF484C7G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 320 I/O 484FBGA<br/>In stock: 2107 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10M16DCF256C8G</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 2553 pcs</div> <div>RFQ</div>                                 | <div></div> <div><b>10M16DCF484I6G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 320 I/O 484FBGA<br/>In stock: 6408 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10M16DAU324I7G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324UBGA<br/>In stock: 1697 pcs</div> <div>RFQ</div> | <div></div> <div><b>10M16DCU324A7G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324UBGA<br/>In stock: 2218 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10M16DCF484C8G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 320 I/O 484FBGA<br/>In stock: 1758 pcs</div> <div>RFQ</div> | <div></div> <div><b>10M16DCF256A7G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 2233 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10M16DCF484I7G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 320 I/O 484FBGA<br/>In stock: 1980 pcs</div> <div>RFQ</div> | <div></div> <div><b>10M16DAU324I6G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 246 I/O 324UBGA<br/>In stock: 2983 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10M16DCF256C7G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 2668 pcs</div> <div>RFQ</div> | <div></div> <div><b>10M16DCF256I6G</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 178 I/O 256FBGA<br/>In stock: 5194 pcs</div> <div>RFQ</div> |