



Altera (Intel® Programmable

Solutions Group)



Image may be representation. See specifications for product details.

10M04DAF256C7G

Part Number:

10M04DAF256C7G

Manufacturer/Brand:

Altera (Intel® Programmable Solutions Group)

Product description

IC FPGA 178 I/O 256FBGA

 1.10M04DAF256C7G.pdf

 2.10M04DAF256C7G.pdf

 3.10M04DAF256C7G.pdf

Datasheets:

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

6072 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

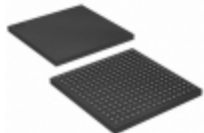
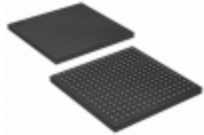
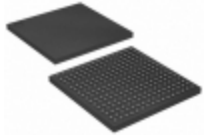
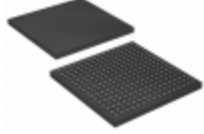
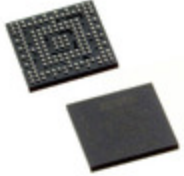
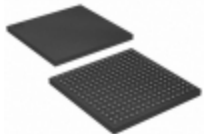
Specifications of 10M04DAF256C7G

|                                  |                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10M04DAF256C7G                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                                                                                                                                                                                                                     |
| DESCRIPTION                      | IC FPGA 178 I/O 256FBGA                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 6072 pcs                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       |  1.10M04DAF256C7G.pdf<br> 2.10M04DAF256C7G.pdf<br> 3.10M04DAF256C7G.pdf |
| VOLTAGE - SUPPLY                 | 1.15 V ~ 1.25 V                                                                                                                                                                                                                                                                                                                  |
| TOTAL RAM BITS                   | 193536                                                                                                                                                                                                                                                                                                                           |
| 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   | 4000                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF LABS/CLBS              | 250                                                                                                                                                                                                                                                                                                                              |
| 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

|                                                                |                                                       |                                                                    |
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Related Products

|                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>10M04DCF256C7G</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 178 I/O 256FBGA</div> <div>In stock: 5813 pcs</div> <div>RFQ</div> | <div></div> <div>10M02SCU169C8G</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 130 I/O 169UBGA</div> <div>In stock: 11643 pcs</div> <div>RFQ</div>                                |
| <div></div> <div>10M04DCF256A7G</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 178 I/O 256FBGA</div> <div>In stock: 6112 pcs</div> <div>RFQ</div> | <div></div> <div>10M04DAF256I7G</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 178 I/O 256FBGA</div> <div>In stock: 4749 pcs</div> <div>RFQ</div> |
| <div></div> <div>10M02SCU169I7G</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 130 I/O 169UBGA</div> <div>In stock: 10408 pcs</div> <div>RFQ</div>                                | <div></div> <div>10M04DAU324I7G</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 246 I/O 324UBGA</div> <div>In stock: 5203 pcs</div> <div>RFQ</div> |
| <div></div> <div>10M04DAF256C8G</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 178 I/O 256FBGA</div> <div>In stock: 6080 pcs</div> <div>RFQ</div>                                 | <div></div> <div>10M02SCM153I7G</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 112 I/O 153MBGA</div> <div>In stock: 10949 pcs</div> <div>RFQ</div>                                |
| <div></div> <div>10M02SCU169A7G</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC FPGA 130 I/O 169UBGA</div> <div>In stock: 8842 pcs</div> <div>RFQ</div> | <div></div> <div>10M02SCU324C8G</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: 324-PIN UBGA</div> <div>In stock: 10616 pcs</div> <div>RFQ</div>           |
| <div></div> <div>10M04DAU324C8G</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC FPGA 246 I/O 324UBGA</div> <div>In stock: 5229 pcs</div> <div>RFQ</div>                                 | <div></div> <div>10M04DAF256A7G</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: 256-PIN FBGA</div> <div>In stock: 3133 pcs</div> <div>RFQ</div>            |