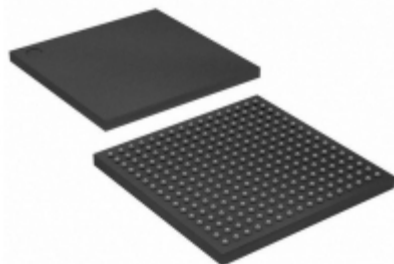


10M08DAF256I7G





Part Number: 10M08DAF256I7G

Manufacturer: Altera (Intel® Programmable Solutions Group)

Description: IC FPGA 178 I/O 256FBGA

Data sheet:  MAX 10 FPGA Overview

 MAX 10 ES Devices Errata and Guidelines

 MAX 10 FPGA Device Datasheet

RoHS Status: Lead free / RoHS Compliant

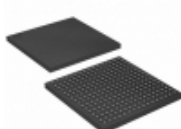
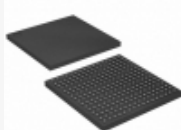
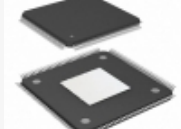
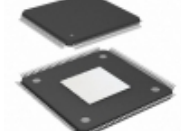
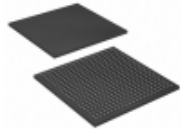
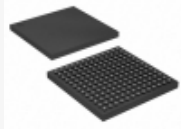
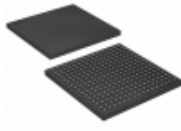
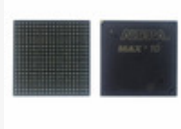
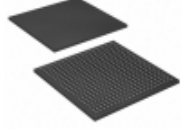
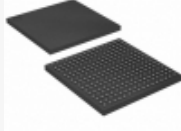
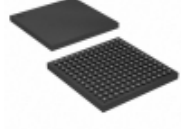
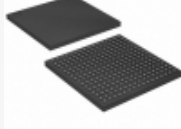
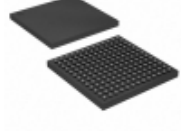
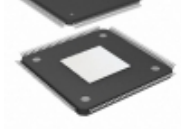
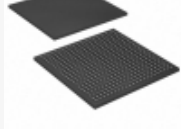
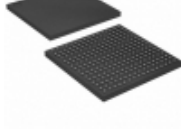
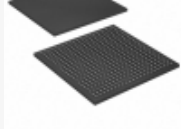
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                 |                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10M08DAF256I7G                            | Manufacturer                    | Altera (Intel® Programmable Solutions Group)                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC FPGA 178 I/O 256FBGA                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4383 pcs                                  | Data sheet                      | <a href="#">MAX 10 FPGA Overview</a><br><a href="#">MAX 10 ES Devices Errata and Guidelines</a><br><a href="#">MAX 10 FPGA Device Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                | 1.15 V ~ 1.25 V                                                                                                                                 |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 387072                                    | Supplier Device Package         | 256-FBGA (17x17)                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MAX® 10                                   | Package / Case                  | 256-LBGA                                                                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10M08DAF256I7G-ND<br>544-3264             | Operating Temperature           | -40°C ~ 100°C (TJ)                                                                                                                              |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 8000                                      | Number of LABs/CLBs             | 500                                                                                                                                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 178                                       | Mounting Type                   | Surface Mount                                                                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 8 Weeks                                                                                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                |                                 |                                                                                                                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                 |                                                                             |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">10M08DAF256C8GES</a><br>Description: IC FPGA 178 I/O 256FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DCF256C8G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M04SCU324C8G</a><br>Description: 324-PIN UBGA              | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M04SFE144I7G</a><br>Description: IC FPGA/CPLD NV 144EQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M04SFE144C7G</a><br>Description: IC FPGA 101 I/O 144EQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAU324I7G</a><br>Description: IC FPGA 246 I/O 324UBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAF484C7G</a><br>Description: IC FPGA 250 I/O 484FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M04SCU169I7G</a><br>Description: IC FPGA 130 I/O 169UBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAF256C7G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAU324C8GES</a><br>Description: IC FPGA 246 I/O 324UBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAF484C8G</a><br>Description: IC FPGA 250 I/O 484FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DCF256A7G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M04SCU169A7G</a><br>Description: IC FPGA 130 I/O 169UBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DCF256C7G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">10M04SFE144C8G</a><br>Description: IC FPGA/CPLD NV 144EQFP   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAF484C8GES</a><br>Description: IC FPGA 250 I/O 484FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAF256C8G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M08DAF484I7G</a><br>Description: IC FPGA 250 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |

|                                                                |                                                                |                          |                                                                |
|----------------------------------------------------------------|----------------------------------------------------------------|--------------------------|----------------------------------------------------------------|
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