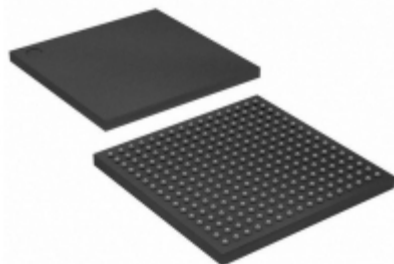


10M50DCF256C8G





Part Number: 10M50DCF256C8G

Manufacturer Intel® FPGAs

Description IC FPGA 178 I/O 256FBGA

Data sheet:  MAX 10 FPGA Overview

 MAX 10 FPGA Device Datasheet

 MAX 10 User Guide

RoHs Status: Lead free / RoHS Compliant

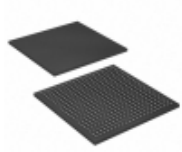
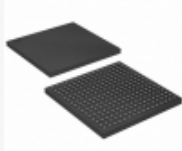
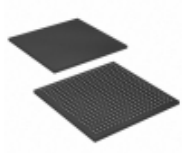
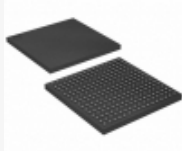
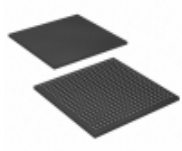
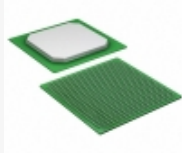
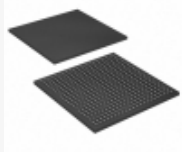
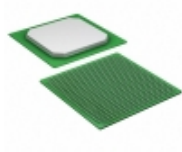
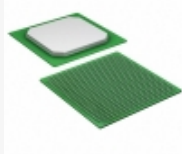
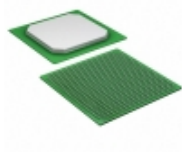
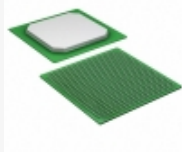
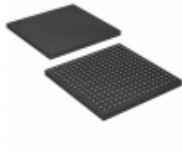
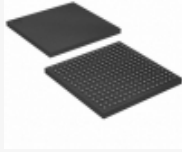
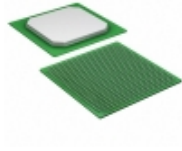
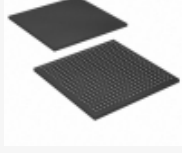
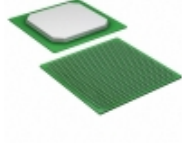
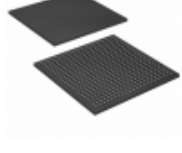
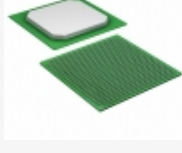
Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                 |                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | 10M50DCF256C8G                            | Manufacturer                    | Intel® FPGAs                                                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC FPGA 178 I/O 256FBGA                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                 | 950 pcs                                   | Data sheet                      | <a href="#">MAX 10 FPGA Overview</a><br><a href="#">MAX 10 FPGA Device Datasheet</a><br><a href="#">MAX 10 User Guide</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | 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                                                                                                                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                        | 544-3124                                  | 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)                             | Manufacturer Standard Lead Time | 8 Weeks                                                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                |                                 |                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                 |                                                                             |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">10M50DCF484C8G</a><br>Description: IC FPGA 360 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF256C7G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF484C7G</a><br>Description: IC FPGA 360 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF256I7G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF484I7P</a><br>Description: IC FPGA 360 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF672C7G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF672I6G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF484I7G</a><br>Description: IC FPGA 360 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF672C6G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF672I7G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF672I7G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF672C6GES</a><br>Description: IC FPGA 500 I/O 672FBGA | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF256A7G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF256I6G</a><br>Description: IC FPGA 178 I/O 256FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF672C8G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF484I7G</a><br>Description: IC FPGA 360 I/O 484FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DAF672C7G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF672I6G</a><br>Description: IC FPGA 500 I/O 672FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF484I6G</a><br>Description: IC FPGA 360 I/O 484FBGA   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
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|                                     |                            |                         |                      |
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