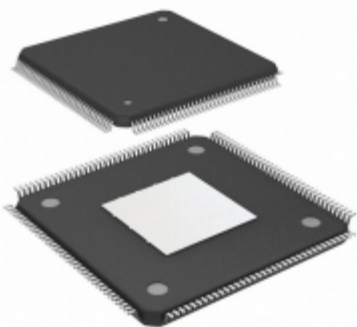


10M04SFE144C8G





Part Number: 10M04SFE144C8G

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC FPGA/CPLD NV 144EQFP

Data sheet:  [MAX 10 FPGA Overview](#)  
 [MAX 10 FPGA Device Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

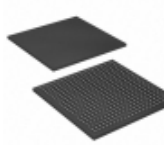
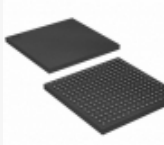
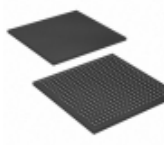
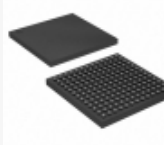
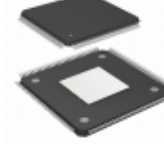
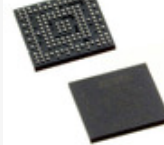
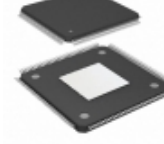
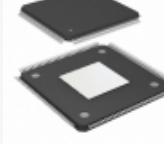
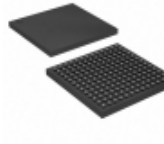
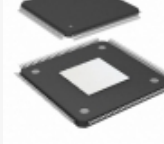
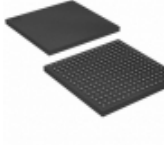
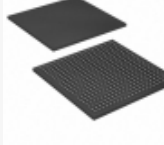
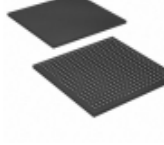
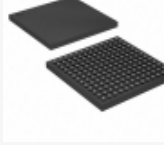
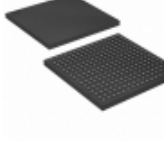
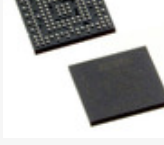
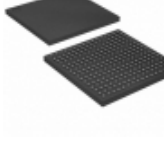
Ship From: Hong Kong

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

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                |                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10M04SFE144C8G                            | Manufacturer                   | <a href="#">Altera (Intel® Programmable Solutions Group)</a>                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC FPGA/CPLD NV 144EQFP                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4795 pcs                                  | Data sheet                     | <a href="#">MAX 10 FPGA Overview</a><br><a href="#">MAX 10 FPGA Device Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 2.85 V ~ 3.465 V                                                                     |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 193536                                    | Supplier Device Package        | 144-EQFP (20x20)                                                                     |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX® 10                                   | Package / Case                 | 144-LQFP Exposed Pad                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 544-3057                                  | Operating Temperature          | 0°C ~ 85°C (TJ)                                                                      |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4000                                      | Number of LABs/CLBs            | 250                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 101                                       | Mounting Type                  | Surface Mount                                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                           |
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| RELATED PRODUCTS                                                                   |                                         |                                                                             |                |
|------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">10M08DAF484C8GES</a> | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 250 I/O 484FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M08DAF256C7G</a>   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 178 I/O 256FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M08DAU324C8G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 246 I/O 324UBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SCU324C8G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: 324-PIN UBGA               |                                                                             |                |
|  | Part#: <a href="#">10M08DAF484C7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 250 I/O 484FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SCU169I7G</a>   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 130 I/O 169UBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SFE144I7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA/CPLD NV 144EQFP    |                                                                             |                |
|  | Part#: <a href="#">10M04SCM153I7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 112 I/O 153MBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SCE144I7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 101 I/O 144EQFP    |                                                                             |                |
|  | Part#: <a href="#">10M04SCE144C7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA/CPLD NV 144EQFP    |                                                                             |                |
|  | Part#: <a href="#">10M04SCU169A7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 130 I/O 169UBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SCE144C8G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 101 I/O 144EQFP    |                                                                             |                |
|  | Part#: <a href="#">10M08DAF256I7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 178 I/O 256FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M08DAF484I7G</a>   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 250 I/O 484FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M08DAF484C8G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 250 I/O 484FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SCU169C8G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 130 I/O 169UBGA    |                                                                             |                |
|  | Part#: <a href="#">10M08DAF256C8GES</a> | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 178 I/O 256FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SCM153C8G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 112 I/O 153MBGA    |                                                                             |                |
|  | Part#: <a href="#">10M08DAF256C8G</a>   | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 178 I/O 256FBGA    |                                                                             |                |
|  | Part#: <a href="#">10M04SFE144C7G</a>   | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|                                                                                    | Description: IC FPGA 101 I/O 144EQFP    |                                                                             |                |

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