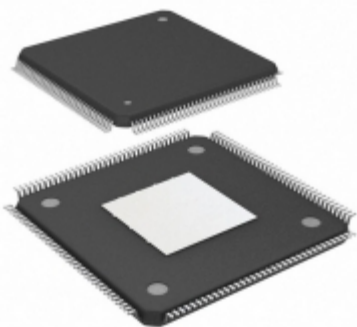


10M50SCE144I7G





Part Number: 10M50SCE144I7G

Manufacturer Intel® FPGAs

Description IC FPGA 101 I/O 144EQFP

Data sheet: 

PDF

MAX 10 FPGA Overview

PDF

MAX 10 FPGA Device Datasheet

PDF

MAX 10 User Guide

RoHs Status: Lead free / RoHS Compliant

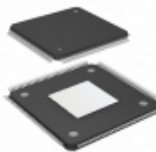
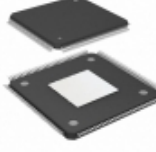
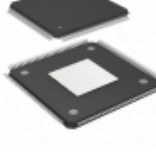
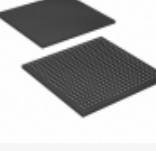
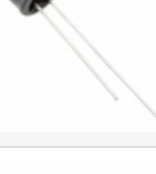
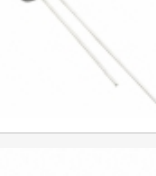
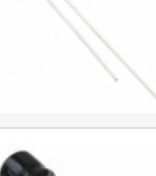
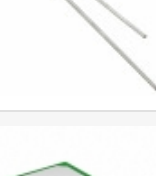
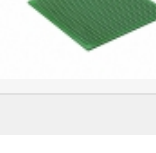
Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                            |                                           |                                 |                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                  | 10M50SCE144I7G                            | Manufacturer                    | <a href="#">Intel® FPGAs</a>                                                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                  | IC FPGA 101 I/O 144EQFP                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                           | 1492 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                | 2.85 V ~ 3.465 V                                                                                                          |
| Total RAM Bits                                                                                                                                                                                                                                                                                                                                               | 1677312                                   | Supplier Device Package         | 144-EQFP (20x20)                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                       | MAX® 10                                   | Package / Case                  | 144-LQFP Exposed Pad                                                                                                      |
| Other Names                                                                                                                                                                                                                                                                                                                                                  | 544-3130                                  | Operating Temperature           | -40°C ~ 100°C (TJ)                                                                                                        |
| Number of Logic Elements/Cells                                                                                                                                                                                                                                                                                                                               | 50000                                     | Number of LABs/CLBs             | 3125                                                                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                | 101                                       | Mounting Type                   | Surface Mount                                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 20 Weeks                                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                               | Lead free / RoHS Compliant                |                                 |                                                                                                                           |
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| RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a>                                                                                                                                                                                                                                                                          |                                           |                                 |                                                                                                                           |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                                             |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">10M50SAE144C8G</a><br>Description: IC FPGA 101 I/O 144EQFP            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10MH5100MEFC6.3X5</a><br>Description: CAP ALUM 100UF 20% 10V RADIAL   | Manufacturers: <a href="#">Rubycon</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">10M50SCE144C7G</a><br>Description: IC FPGA 101 I/O 144EQFP            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10MH5100MEFCTZ6.3X5</a><br>Description: CAP ALUM 100UF 20% 10V RADIAL | Manufacturers: <a href="#">Rubycon</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">10M50SAE144I7G</a><br>Description: IC FPGA 101 I/O 144EQFP            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">10MH533MEFCTZ5X5</a><br>Description: CAP ALUM 33UF 20% 10V RADIAL     | Manufacturers: <a href="#">Rubycon</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="#">10M50DCF484I7G</a><br>Description: IC FPGA 360 I/O 484FBGA            | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10MH5100MTZ6.3X5</a><br>Description: CAP ALUM 100UF 20% 10V RADIAL    | Manufacturers: <a href="#">Rubycon</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">10MH547MEFC6.3X5</a><br>Description: CAP ALUM 47UF 20% 10V RADIAL     | Manufacturers: <a href="#">Rubycon</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="#">10MH533MEFC5X5</a><br>Description: CAP ALUM 33UF 20% 10V RADIAL       | Manufacturers: <a href="#">Rubycon</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">10M50SCE144A7G</a><br>Description: IC FPGA 101 I/O 144EQFP            | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10ME3G</a><br>Description: PWR ENT RCPT IEC320-C14 PNL SLDR           | Manufacturers: <a href="#">Delta Electronics</a>                            | <div>RFQ</div> |
|  | Part#: <a href="#">10MH547MEFCT56.3X5</a><br>Description: CAP ALUM 47UF 20% 10V RADIAL   | Manufacturers: <a href="#">Rubycon</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="#">10M50SCE144C8G</a><br>Description: IC FPGA 101 I/O 144EQFP            | Manufacturers: <a href="#">Intel® FPGAs</a>                                 | <div>RFQ</div> |
|  | Part#: <a href="#">10MH5100MEFCT56.3X5</a><br>Description: CAP ALUM 100UF 20% 10V RADIAL | Manufacturers: <a href="#">Rubycon</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">10MH533MEFCT55X5</a><br>Description: CAP ALUM 33UF 20% 10V RADIAL     | Manufacturers: <a href="#">Rubycon</a>                                      | <div>RFQ</div> |
|  | Part#: <a href="#">10M50DCF672C8G</a><br>Description: IC FPGA 500 I/O 672FBGA            | Manufacturers: <a href="#">Altera (Intel® Programmable Solutions Group)</a> | <div>RFQ</div> |

|                                     |                            |                         |                      |
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