



Intel® FPGAs



Image may be representation. See specifications for product details.

10AS022E3F27I2SG

Part Number:

10AS022E3F27I2SG

Manufacturer/Brand:

Intel® FPGAs

Product description

672-PIN FBGA

Datasheets:

 1.10AS022E3F27I2SG.pdf

 2.10AS022E3F27I2SG.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

96 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of 10AS022E3F27I2SG

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS022E3F27I2SG                                                                                                                                                                                                         |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                             |
| DESCRIPTION                      | 672-PIN FBGA                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 96 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.10AS022E3F27I2SG.pdf<br> 2.10AS022E3F27I2SG.pdf |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                   |
| SERIES                           | Arria 10 SX                                                                                                                                                                                                              |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                    |
| PRIMARY ATTRIBUTES               | FPGA - 220K Logic Elements                                                                                                                                                                                               |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 240                                                                                                                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| FLASH SIZE                       | -                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™ System On Chip (SOC) IC Arria 10 SX FPGA - 220K Logic Elements 256KB 1.5GHz                                                                                                 |
| CORE PROCESSOR                   | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™                                                                                                                                                                             |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                                                                                                            |
| ARCHITECTURE                     | MCU, FPGA                                                                                                                                                                                                                |

Related Tags

|                                |                                     |                                   |
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| Intel® FPGAs 10AS022E3F27I2SG  | 10AS022E3F27I2SG Distributor        | 10AS022E3F27I2SG Supplier         |
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Related Products

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| <div></div> <div><b>10AS022E3F27I2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 94 pcs</div> <div>RFQ</div>                                                  | <div></div> <div><b>10AS022E3F29I1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 288 I/O 780FBGA<br/>In stock: 93 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>10AS022E3F27I1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 89 pcs</div> <div>RFQ</div>                                   | <div></div> <div><b>10AS022E3F29E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 105 pcs</div> <div>RFQ</div>                                                 |
| <div></div> <div><b>10AS022E3F29E1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 288 I/O 780FBGA<br/>In stock: 109 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10AS022E3F27I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 6068 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10AS022E3F27E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 141 pcs</div> <div>RFQ</div>                                                 | <div></div> <div><b>10AS022E3F27E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 5794 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10AS022E3F27E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 112 pcs</div> <div>RFQ</div>                                                 | <div></div> <div><b>10AS022E3F29E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 105 pcs</div> <div>RFQ</div>                                                 |
| <div></div> <div><b>10AS022E3F29E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 288 I/O 780FBGA<br/>In stock: 5508 pcs</div> <div>RFQ</div> | <div></div> <div><b>10AS022E3F29I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 288 I/O 780FBGA<br/>In stock: 6964 pcs</div> <div>RFQ</div> |