



10AS032E2F27I1HG

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|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AS032E2F27I1HG                                                                                             |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC SOC FPGA 240 I/O 672FBGA                                                                                  |
| Datasheets:         |  1.10AS032E2F27I1HG.pdf     |
|                     |  2.10AS032E2F27I1HG.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 67 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 10AS032E2F27I1HG

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS032E2F27I1HG                                                                                                                          |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                              |
| DESCRIPTION                      | IC SOC FPGA 240 I/O 672FBGA                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                |
| QUANTITY AVAILABLE               | 67 pcs                                                                                                                                    |
| DATA SHEET                       |  1.10AS032E2F27I1HG.pdf                                |
|                                  |  2.10AS032E2F27I1HG.pdf                                |
| SUPPLIER DEVICE PACKAGE          | 672-FBGA (27x27)                                                                                                                          |
| SPEED                            | 1.5GHz                                                                                                                                    |
| SERIES                           | Arria 10 SX                                                                                                                               |
| RAM SIZE                         | 256KB                                                                                                                                     |
| PRIMARY ATTRIBUTES               | FPGA - 320K Logic Elements                                                                                                                |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                      |
| PACKAGE / CASE                   | 672-BBGA, FCBGA                                                                                                                           |
| 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 - 320K Logic Elements 256KB 1.5GHz 672-FBGA (27x27) |
| 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

|                                |                                     |                                   |
|--------------------------------|-------------------------------------|-----------------------------------|
| Intel® FPGAs 10AS032E2F27I1HG  | 10AS032E2F27I1HG Distributor        | 10AS032E2F27I1HG Supplier         |
| 10AS032E2F27I1HG Price         | 10AS032E2F27I1HG Pictures           | 10AS032E2F27I1HG Image            |
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Related Products

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| <div></div> <div><b>10AS032E2F29E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 55 pcs</div> <div>RFQ</div>                                                  | <div></div> <div><b>10AS032E2F27E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 85 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div><b>10AS032E1F29I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 3320 pcs</div> <div>RFQ</div> | <div></div> <div><b>10AS032E1F29I1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 50 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>10AS032E2F27I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 6828 pcs</div> <div>RFQ</div> | <div></div> <div><b>10AS032E2F29E1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 59 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>10AS032E2F27I2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 63 pcs</div> <div>RFQ</div>                                                  | <div></div> <div><b>10AS032E2F27I2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 57 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div><b>10AS032E2F29E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 6195 pcs</div> <div>RFQ</div> | <div></div> <div><b>10AS032E2F27E1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 67 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>10AS032E2F27E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 71 pcs</div> <div>RFQ</div>                                                  | <div></div> <div><b>10AS032E2F27E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 3943 pcs</div> <div>RFQ</div> |

