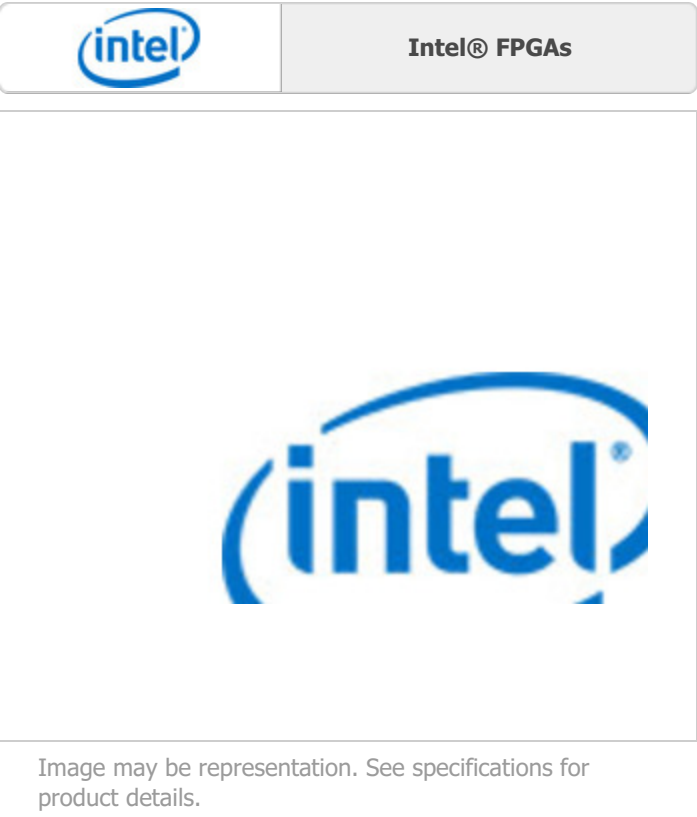




10AS027E2F29E1HG

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AS027E2F29E1HG                                                                                                                                                                                                     |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                                                                                                                         |
| Product description | IC SOC FPGA 360 I/O 780FBGA                                                                                                                                                                                          |
| Datasheets:         |  1.10AS027E2F29E1HG.pdf<br> 2.10AS027E2F29E1HG.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Stock Condition     | 69 pcs stock                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

Specifications of 10AS027E2F29E1HG

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS027E2F29E1HG                                                                                                                                                                                                         |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                             |
| DESCRIPTION                      | IC SOC FPGA 360 I/O 780FBGA                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 69 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.10AS027E2F29E1HG.pdf<br> 2.10AS027E2F29E1HG.pdf |
| SUPPLIER DEVICE PACKAGE          | 780-FBGA (29x29)                                                                                                                                                                                                         |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                   |
| SERIES                           | Arria 10 SX                                                                                                                                                                                                              |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                    |
| PRIMARY ATTRIBUTES               | FPGA - 270K Logic Elements                                                                                                                                                                                               |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 360                                                                                                                                                                                                                      |
| 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 - 270K Logic Elements 256KB 1.5GHz 780-FBGA (29x29)                                                                                |
| 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 10AS027E2F29E1HG  | 10AS027E2F29E1HG Distributor        | 10AS027E2F29E1HG Supplier         |
| 10AS027E2F29E1HG Price         | 10AS027E2F29E1HG Pictures           | 10AS027E2F29E1HG Image            |
| 10AS027E2F29E1HG PDF Datasheet | 10AS027E2F29E1HG Download Datasheet | 10AS027E2F29E1HG Datasheet        |
| 10AS027E2F29E1HG Stock         | Buy 10AS027E2F29E1HG                | Buy Intel® FPGAs 10AS027E2F29E1HG |
| Intel® FPGAs 10AS027E2F29E1HG  | Intel® FPGAs Supplier               | Intel® FPGAs Distributor          |
| Intel® FPGAs 10AS027E2F29E1HG  |                                     |                                   |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>10AS027E2F29I1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 54 pcs<br/>RFQ</div>                                   |  <div><b>10AS027E2F27I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 4488 pcs<br/>RFQ</div> |
|  <div><b>10AS027E2F29E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 74 pcs<br/>RFQ</div>                                                  |  <div><b>10AS027E2F29E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 74 pcs<br/>RFQ</div>                                                  |
|  <div><b>10AS027E2F27I2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 68 pcs<br/>RFQ</div>                                                  |  <div><b>10AS027E2F27E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 86 pcs<br/>RFQ</div>                                                  |
|  <div><b>10AS027E2F29I2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 61 pcs<br/>RFQ</div>                                                  |  <div><b>10AS027E2F27I1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 69 pcs<br/>RFQ</div>                                   |
|  <div><b>10AS027E2F27I2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 74 pcs<br/>RFQ</div>                                                  |  <div><b>10AS027E2F27E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 75 pcs<br/>RFQ</div>                                                  |
|  <div><b>10AS027E2F29E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 5726 pcs<br/>RFQ</div> |  <div><b>10AS027E2F29I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 4367 pcs<br/>RFQ</div> |