



10AS027E3F27I2LG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AS027E3F27I2LG                                                                                             |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | 672-PIN FBGA                                                                                                 |
| Datasheets:         |  1.10AS027E3F27I2LG.pdf     |
|                     |  2.10AS027E3F27I2LG.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 80 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 10AS027E3F27I2LG

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS027E3F27I2LG                                                                                                                                                                                                         |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                             |
| DESCRIPTION                      | 672-PIN FBGA                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 80 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.10AS027E3F27I2LG.pdf<br> 2.10AS027E3F27I2LG.pdf |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                   |
| SERIES                           | Arria 10 SX                                                                                                                                                                                                              |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                    |
| PRIMARY ATTRIBUTES               | FPGA - 270K 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 - 270K 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

|                                |                                     |                                   |
|--------------------------------|-------------------------------------|-----------------------------------|
| Intel® FPGAs 10AS027E3F27I2LG  | 10AS027E3F27I2LG Distributor        | 10AS027E3F27I2LG Supplier         |
| 10AS027E3F27I2LG Price         | 10AS027E3F27I2LG Pictures           | 10AS027E3F27I2LG Image            |
| 10AS027E3F27I2LG PDF Datasheet | 10AS027E3F27I2LG Download Datasheet | 10AS027E3F27I2LG Datasheet        |
| 10AS027E3F27I2LG Stock         | Buy 10AS027E3F27I2LG                | Buy Intel® FPGAs 10AS027E3F27I2LG |
| Intel® FPGAs 10AS027E3F27I2LG  | Intel® FPGAs Supplier               | Intel® FPGAs Distributor          |
| Intel® FPGAs 10AS027E3F27I2LG  |                                     |                                   |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>10AS027E3F29E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 106 pcs</div> <div>RFQ</div>               | <div></div> <div><b>10AS027E3F29I2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 61 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div><b>10AS027E3F27E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 93 pcs</div> <div>RFQ</div>                | <div></div> <div><b>10AS027E4F27E3LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 121 pcs</div> <div>RFQ</div>                                                 |
| <div></div> <div><b>10AS027E3F27I2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 82 pcs</div> <div>RFQ</div>                | <div></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</div> <div>RFQ</div> |
| <div></div> <div><b>10AS027E2F29I2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 61 pcs</div> <div>RFQ</div>                | <div></div> <div><b>10AS027E3F27E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 672-PIN FBGA<br/>In stock: 79 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div><b>10AS027E2F29I1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 360 I/O 780FBGA<br/>In stock: 54 pcs</div> <div>RFQ</div> | <div></div> <div><b>10AS027E2F29I2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 74 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div><b>10AS027E3F29E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 76 pcs</div> <div>RFQ</div>                | <div></div> <div><b>10AS027E3F29I2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: 89 pcs</div> <div>RFQ</div>                                                  |