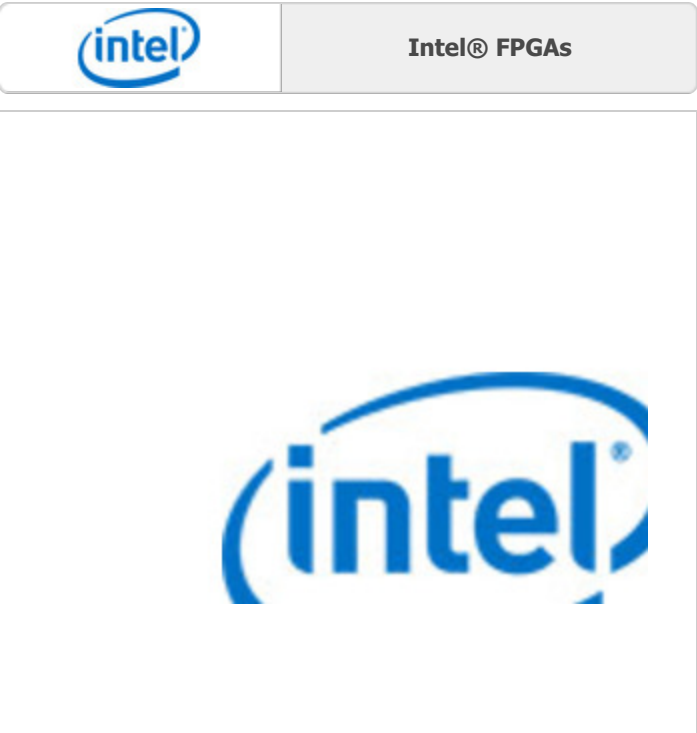




10AS027H2F34I1HG

|                     |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AS027H2F34I1HG                                                                                                                                                                                                     |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                                                                                                                         |
| Product description | IC SOC FPGA 384 I/O 1152FBGA                                                                                                                                                                                         |
| Datasheets:         |  1.10AS027H2F34I1HG.pdf<br> 2.10AS027H2F34I1HG.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                         |
| Stock Condition     | 50 pcs stock                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                |

REQUEST FOR QUOTATION

Specifications of 10AS027H2F34I1HG

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS027H2F34I1HG                                                                                                                                                                                                         |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                             |
| DESCRIPTION                      | IC SOC FPGA 384 I/O 1152FBGA                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 50 pcs                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.10AS027H2F34I1HG.pdf<br> 2.10AS027H2F34I1HG.pdf |
| SUPPLIER DEVICE PACKAGE          | 1152-FBGA (35x35)                                                                                                                                                                                                        |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                   |
| SERIES                           | Arria 10 SX                                                                                                                                                                                                              |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                    |
| PRIMARY ATTRIBUTES               | FPGA - 270K Logic Elements                                                                                                                                                                                               |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 384                                                                                                                                                                                                                      |
| 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 1152-FBGA (35x35)                                                                               |
| 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 10AS027H2F34I1HG  | 10AS027H2F34I1HG Distributor        | 10AS027H2F34I1HG Supplier         |
| 10AS027H2F34I1HG Price         | 10AS027H2F34I1HG Pictures           | 10AS027H2F34I1HG Image            |
| 10AS027H2F34I1HG PDF Datasheet | 10AS027H2F34I1HG Download Datasheet | 10AS027H2F34I1HG Datasheet        |
| 10AS027H2F34I1HG Stock         | Buy 10AS027H2F34I1HG                | Buy Intel® FPGAs 10AS027H2F34I1HG |
| Intel® FPGAs 10AS027H2F34I1HG  | Intel® FPGAs Supplier               | Intel® FPGAs Distributor          |
| Intel® FPGAs 10AS027H2F34I1HG  |                                     |                                   |

Related Products

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>10AS027H1F35I1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: 4192 pcs</div> <div>RFQ</div> | <div></div> <div>10AS027H2F35E1HG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: 56 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>10AS027H2F34E2LG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: 1152-PIN FBGA<br/>In stock: 60 pcs</div> <div>RFQ</div>                                                  | <div></div> <div>10AS027H2F34E1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: 4170 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS027H2F35E2LG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: 1152-PIN FBGA<br/>In stock: 56 pcs</div> <div>RFQ</div>                                                  | <div></div> <div>10AS027H2F35E1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: 5852 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS027H2F34E1HG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: 55 pcs</div> <div>RFQ</div>                                   | <div></div> <div>10AS027H2F34I2SG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: 1152-PIN FBGA<br/>In stock: 57 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div>10AS027H2F34E2SG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: 1152-PIN FBGA<br/>In stock: 60 pcs</div> <div>RFQ</div>                                                  | <div></div> <div>10AS027H2F34I1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: 5788 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS027H2F34I2LG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: 1152-PIN FBGA<br/>In stock: 48 pcs</div> <div>RFQ</div>                                                  | <div></div> <div>10AS027H1F35I1HG</div> <div>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: 40 pcs</div> <div>RFQ</div>                                   |