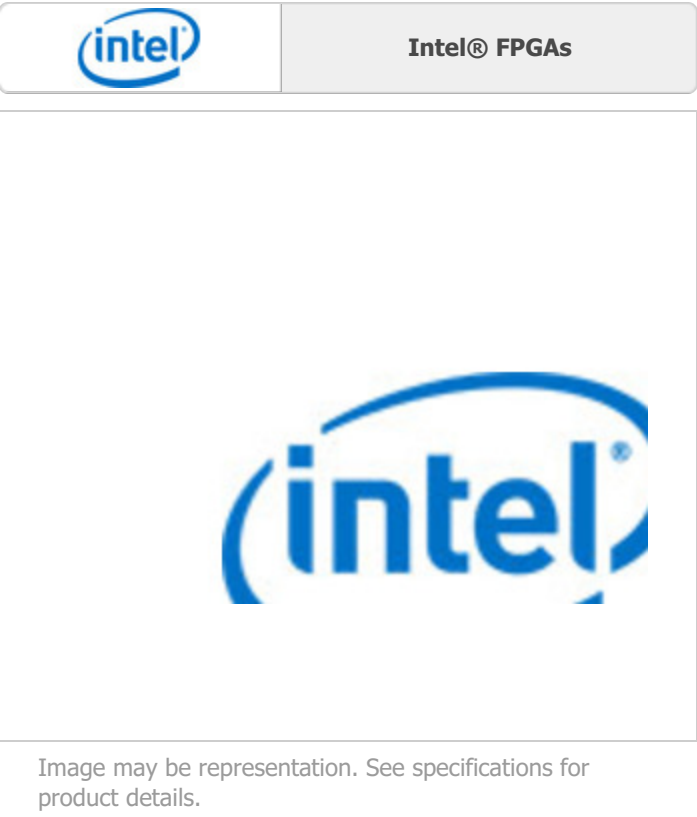




10AS048K2F35I1HG

Part Number:10AS048K2F35I1HG

Manufacturer/Brand:Intel® FPGAs

Product description:IC SOC FPGA 396 I/O 1152FBGA

Datasheets:

1.10AS048K2F35I1HG.pdf

2.10AS048K2F35I1HG.pdf

RoHs Status:

Lead free / RoHS Compliant

Stock Condition:25 pcs stock

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of 10AS048K2F35I1HG

|                                  |                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS048K2F35I1HG                                                                                                                                                                                                                          |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC SOC FPGA 396 I/O 1152FBGA                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 25 pcs                                                                                                                                                                                                                                    |
| DATA SHEET                       | <div>1.10AS048K2F35I1HG.pdf</div> <div>2.10AS048K2F35I1HG.pdf</div> |
| SUPPLIER DEVICE PACKAGE          | 1152-FBGA (35x35)                                                                                                                                                                                                                         |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                                    |
| SERIES                           | Arria 10 SX                                                                                                                                                                                                                               |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                                     |
| PRIMARY ATTRIBUTES               | FPGA - 480K Logic Elements                                                                                                                                                                                                                |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 396                                                                                                                                                                                                                                       |
| 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 - 480K 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 10AS048K2F35I1HG  | 10AS048K2F35I1HG Distributor        | 10AS048K2F35I1HG Supplier         |
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| Intel® FPGAs 10AS048K2F35I1HG  |                                     |                                   |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div>10AS048K2F35E2LG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 1152-PIN FBGA</div> <div>In stock: 28 pcs</div> <div>RFQ</div>                | <div></div> <div>10AS048K2F35I2LG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 1152-PIN FBGA</div> <div>In stock: 22 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div>10AS048K2F35I2SG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 1152-PIN FBGA</div> <div>In stock: 24 pcs</div> <div>RFQ</div>                | <div></div> <div>10AS048K2F35I1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC SOC FPGA 396 I/O 1152FBGA</div> <div>In stock: 6544 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS048K2F35E1HG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 396 I/O 1152FBGA</div> <div>In stock: 27 pcs</div> <div>RFQ</div> | <div></div> <div>10AS048K1F35I1HG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: IC SOC FPGA 396 I/O 1152FBGA</div> <div>In stock: 18 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div>10AS048K3F35E2SG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 1152-PIN FBGA</div> <div>In stock: 35 pcs</div> <div>RFQ</div>                | <div></div> <div>10AS048K3F35E2LG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 1152-PIN FBGA</div> <div>In stock: 31 pcs</div> <div>RFQ</div>                                                  |
| <div></div> <div>10AS048K2F35E2SG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 1152-PIN FBGA</div> <div>In stock: 29 pcs</div> <div>RFQ</div>                | <div></div> <div>10AS048K1F35I1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC SOC FPGA 396 I/O 1152FBGA</div> <div>In stock: 6372 pcs</div> <div>RFQ</div> |
| <div></div> <div>10AS048K3F35I2LG</div> <div>Manufacturers: Intel® FPGAs</div> <div>Description: 1152-PIN FBGA</div> <div>In stock: 24 pcs</div> <div>RFQ</div>                | <div></div> <div>10AS048K2F35E1SG</div> <div>Manufacturers: Altera (Intel® Programmable Solutions Group)</div> <div>Description: IC SOC FPGA 396 I/O 1152FBGA</div> <div>In stock: 4806 pcs</div> <div>RFQ</div> |

