



10AS016C4U19E3LG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AS016C4U19E3LG                                                                                             |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                 |
| Product description | IC SOC FPGA 192 I/O 484UBGA                                                                                  |
|                     |  1.10AS016C4U19E3LG.pdf     |
|                     |  2.10AS016C4U19E3LG.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 169 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of 10AS016C4U19E3LG

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS016C4U19E3LG                                                                                                                                                                                                         |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                                                                                             |
| DESCRIPTION                      | IC SOC FPGA 192 I/O 484UBGA                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 169 pcs                                                                                                                                                                                                                  |
| DATA SHEET                       |  1.10AS016C4U19E3LG.pdf<br> 2.10AS016C4U19E3LG.pdf |
| SUPPLIER DEVICE PACKAGE          | 484-UBGA (19x19)                                                                                                                                                                                                         |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                   |
| SERIES                           | Arria 10 SX                                                                                                                                                                                                              |
| RAM SIZE                         | 256KB                                                                                                                                                                                                                    |
| PRIMARY ATTRIBUTES               | FPGA - 160K Logic Elements                                                                                                                                                                                               |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 484-BFBGA, FCBGA                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 100°C (TJ)                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 192                                                                                                                                                                                                                      |
| 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 - 160K Logic Elements 256KB 1.5GHz 484-UBGA (19x19)                                                                                |
| 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

|                                |                                     |                                   |
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| Intel® FPGAs 10AS016C4U19E3LG  | 10AS016C4U19E3LG Distributor        | 10AS016C4U19E3LG Supplier         |
| 10AS016C4U19E3LG Price         | 10AS016C4U19E3LG Pictures           | 10AS016C4U19E3LG Image            |
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Related Products

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| <div></div> <div><b>10AS016C4U19E3SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 192 I/O 484UBGA<br/>In stock: 229 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10AS016E3F27E1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 144 pcs</div> <div>RFQ</div>                   |
| <div></div> <div><b>10AS016E3F27E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 4992 pcs</div> <div>RFQ</div> | <div></div> <div><b>10AS016E3F27E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 240 I/O 672FBGA<br/>In stock: 133 pcs</div> <div>RFQ</div>                   |
| <div></div> <div><b>10AS016C4U19I3LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 192 I/O 484UBGA<br/>In stock: 148 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10AMPS-CSTKIT</b><br/>Manufacturers: Pulse Electronics Corporation<br/>Description: 10 AMPS CURRENT SENSE TRAN PBC<br/>In stock: 4253 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>10AS016C3U19E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 192 I/O 484UBGA<br/>In stock: 156 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10AS016C3U19E2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 192 I/O 484UBGA<br/>In stock: 159 pcs</div> <div>RFQ</div>                   |
| <div></div> <div><b>10AS016C3U19I2LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 192 I/O 484UBGA<br/>In stock: 120 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10A07-T</b><br/>Manufacturers: Diodes Incorporated<br/>Description: DIODE GEN PURP 1KV 10A R6<br/>In stock: 100855 pcs</div> <div>RFQ</div>                    |
| <div></div> <div><b>10AS016C3U19I2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 192 I/O 484UBGA<br/>In stock: 175 pcs</div> <div>RFQ</div>                                  | <div></div> <div><b>10AS016C4U19I3SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 192 I/O 484UBGA<br/>In stock: 216 pcs</div> <div>RFQ</div>                   |