



10AS066H4F34I3SG

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 10AS066H4F34I3SG                                                                                                           |
| Manufacturer/Brand: | Intel® FPGAs                                                                                                               |
| Product description | IC SOC FPGA 492 I/O 1152FBGA                                                                                               |
| Datasheets:         | <a href="#">1.10AS066H4F34I3SG.pdf</a><br><a href="#">2.10AS066H4F34I3SG.pdf</a><br><a href="#">3.10AS066H4F34I3SG.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

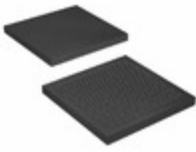
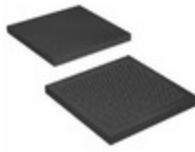
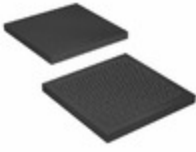
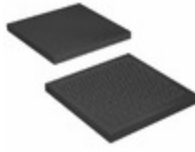
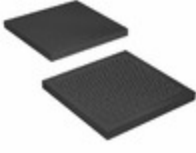
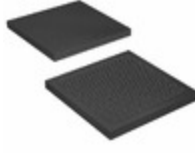
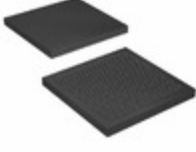
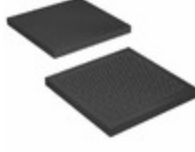
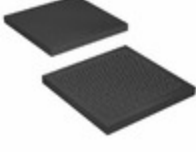
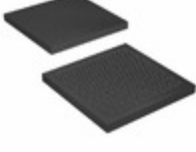
Specifications of 10AS066H4F34I3SG

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS066H4F34I3SG                                                                                                                            |
| MANUFACTURER                     | Intel® FPGAs                                                                                                                                |
| DESCRIPTION                      | IC SOC FPGA 492 I/O 1152FBGA                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                  |
| DATA SHEET                       | <a href="#">1.10AS066H4F34I3SG.pdf</a><br><a href="#">2.10AS066H4F34I3SG.pdf</a><br><a href="#">3.10AS066H4F34I3SG.pdf</a>                  |
| SUPPLIER DEVICE PACKAGE          | 1152-FCBGA (35x35)                                                                                                                          |
| SPEED                            | 1.5GHz                                                                                                                                      |
| SERIES                           | Arria 10 SX                                                                                                                                 |
| RAM SIZE                         | 256KB                                                                                                                                       |
| PRIMARY ATTRIBUTES               | FPGA - 660K Logic Elements                                                                                                                  |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                        |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 100°C (TJ)                                                                                                                          |
| NUMBER OF I/O                    | 492                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                               |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                    |
| 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 - 660K Logic Elements 256KB 1.5GHz 1152-FCBGA (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

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|--------------------------------|-------------------------------------|-----------------------------------|
| Intel® FPGAs 10AS066H4F34I3SG  | 10AS066H4F34I3SG Distributor        | 10AS066H4F34I3SG Supplier         |
| 10AS066H4F34I3SG Price         | 10AS066H4F34I3SG Pictures           | 10AS066H4F34I3SG Image            |
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Related Products

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| <div></div> <div><b>10AS066H3F34I3SGES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC FPGA 492 I/O 1152FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>10AS066H4F34I3SGES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 492 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>10AS066K1F35E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 396 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>10AS066H3F34I2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 492 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                   |
| <div></div> <div><b>10AS066H4F34E3SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 492 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                   | <div></div> <div><b>10AS066H3F34I2SGES</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 492 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>10AS066K1F35I1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 396 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>10AS066H4F34E3LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 492 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                   |
| <div></div> <div><b>10AS066H4F34I3LG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 492 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                   | <div></div> <div><b>10AS066K1F35I1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 396 I/O 1152FBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>                                   |
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