



Altera (Intel® Programmable Solutions Group)



10AS032H1F35E1SG

Part Number:10AS032H1F35E1SG

Manufacturer/Brand:Altera (Intel® Programmable Solutions Group)

Product description:IC SOC FPGA 384 I/O 1152FBGA

1.10AS032H1F35E1SG.pdf

2.10AS032H1F35E1SG.pdf

3.10AS032H1F35E1SG.pdf

Datasheets:

RoHs Status:Lead free / RoHS Compliant

Ship From:Hong Kong

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

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Specifications of 10AS032H1F35E1SG

|                                  |                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 10AS032H1F35E1SG                                                                                                                           |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                                                               |
| DESCRIPTION                      | IC SOC FPGA 384 I/O 1152FBGA                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                 |
| DATA SHEET                       | <a href="#">1.10AS032H1F35E1SG.pdf</a><br><a href="#">2.10AS032H1F35E1SG.pdf</a><br><a href="#">3.10AS032H1F35E1SG.pdf</a>                 |
| SUPPLIER DEVICE PACKAGE          | 1152-FBGA (35x35)                                                                                                                          |
| SPEED                            | 1.5GHz                                                                                                                                     |
| SERIES                           | Arria 10 SX                                                                                                                                |
| RAM SIZE                         | 256KB                                                                                                                                      |
| PRIMARY ATTRIBUTES               | FPGA - 320K Logic Elements                                                                                                                 |
| PERIPHERALS                      | DMA, POR, WDT                                                                                                                              |
| PACKAGING                        | Tray                                                                                                                                       |
| PACKAGE / CASE                   | 1152-BBGA, FCBGA                                                                                                                           |
| OPERATING TEMPERATURE            | 0°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 - 320K 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

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|  <div><b>10AS032H2F34E2SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 1152-PIN FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                                |  <div><b>10AS032H2F34E1HG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                 |
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|  <div><b>10AS032H1F34E1SG</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC SOC FPGA 384 I/O 1152FBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>10AS032E4F29I3SG</b><br/>Manufacturers: Intel® FPGAs<br/>Description: 780-PIN FBGA<br/>In stock: Out stock</div> <div>RFQ</div>                                                 |
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