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| <br><br>Not Actual Photo<br>YIC International Co., Limited. | <h2>10AS032H1F35I1SG</h2>  |
|   | <p><b>Manufacturer Part Number:</b> 10AS032H1F35I1SG</p> <p><b>Manufacturer/Brand:</b> Altera</p> <p><b>Part of Description:</b> IC SOC FPGA 384 I/O 1152FBGA</p> <p><b>Datasheets:</b><br/> <a href="#">1.10AS032H1F35I1SG.pdf</a><br/> <a href="#">2.10AS032H1F35I1SG.pdf</a><br/> <a href="#">3.10AS032H1F35I1SG.pdf</a></p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> <sup>Compliant</sup><br/>New original, 2694 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| Image may be representation.<br>See specs for product details.  |  |

### Specifications

|                         |   |
|-------------------------|---|
| Part Number             | 10AS032H1F35I1SG                                      |
| Manufacturer            | Altera  |
| Description             | IC SOC FPGA 384 I/O 1152FBGA                          |
| Category                | Integrated Circuits (ICs) > Embedded - System On Chip |
| Part Status             | 2694 pcs Stock  |
| Supplier Device Package | 1152-FBGA (35x35)                                     |
| Speed                   | 1.5GHz  |
| Series                  | Arria 10 SX   |
| Primary Attributes      | FPGA - 320K 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   |
| MCU RAM                 | 256KB   |
| MCU Flash               | -   |
| Core Processor          | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™          |
| Connectivity            | EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI,             |
| Architecture            | MCU, FPGA   |

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