

## 10AS032E2F27I1SG



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IC SOC FPGA 240 I/O 672FBGA

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### Specifications

|                                 |  |
|---------------------------------|--|
| <b>Supplier Device Package:</b> | 672-FBGA (27x27)   |
| <b>Speed:</b>                   | 1.5GHz   |
| <b>Series:</b>                  | Arria 10 SX  |
| <b>Primary Attributes:</b>      | FPGA - 320K Logic Elements   |
| <b>Peripherals:</b>             | DMA, POR, WDT  |
| <b>Packaging:</b>               | Tray   |
| <b>Package / Case:</b>          | 672-BBGA, FCBGA  |
| <b>Operating Temperature:</b>   | -40°C ~ 100°C (TJ)   |
| <b>Number of I/O:</b>           | 240  |
| <b>MCU RAM:</b>                 | 256KB  |
| <b>MCU Flash:</b>               | -  |
| <b>Core Processor:</b>          | Dual ARM® Cortex®-A9 MPCore™ with CoreSight™                               |
| <b>Connectivity:</b>            | EBI/EMI, Ethernet, I <sup>2</sup> C, MMC/SD/SDIO, SPI, UART/USART, USB OTG |
| <b>Architecture:</b>            | MCU, FPGA  |

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