


## 10AS027E2F27I1HG

Part Number:	10AS027E2F27I1HG
Manufacturer/Brand:	Intel® FPGAs
Product description:	IC SOC FPGA 240 I/O 672FBGA
Datasheets:	<a href="#">1.10AS027E2F27I1HG.pdf</a> <a href="#">2.10AS027E2F27I1HG.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.













### Specifications of 10AS027E2F27I1HG

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MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC SOC FPGA 240 I/O 672FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.10AS027E2F27I1HG.pdf</a> <a href="#">2.10AS027E2F27I1HG.pdf</a>
SUPPLIER DEVICE PACKAGE	672-FBGA (27x27)
SPEED	1.5GHz
SERIES	Arria 10 SX
RAM SIZE	256KB
PRIMARY ATTRIBUTES	FPGA - 270K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	672-BBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	240
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 - 270K Logic Elements 256KB 1.5GHz 672-FBGA (27x27)
CORE PROCESSOR	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
CONNECTIVITY	EBI/EMI, Ethernet, I <sup>2</sup> C, MMC/SD/SDIO, SPI, UART/USART, USB OTG
ARCHITECTURE	MCU, FPGA

### Related Tags

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 <p><b>10AS027E2F27I2LG</b>                  Manufacturers: Intel® FPGAs                  Description: 672-PIN FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>10AS027E2F27E1HG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 240 I/O 672FBGA                  In stock: Out stock  <a href="#">RFQ</a></p>
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