



Altera (Intel® Programmable



Solutions Group)

Image may be representation. See specifications for product details.

Part Number:	10AS032E1F27I1SG
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC SOC FPGA 240 I/O 672FBGA
Datasheets:	 1.10AS032E1F27I1SG.pdf
	 2.10AS032E1F27I1SG.pdf
	 3.10AS032E1F27I1SG.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2791 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of 10AS032E1F27I1SG

PART NUMBER	10AS032E1F27I1SG
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC SOC FPGA 240 I/O 672FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2791 pcs
DATA SHEET	 1.10AS032E1F27I1SG.pdf  2.10AS032E1F27I1SG.pdf  3.10AS032E1F27I1SG.pdf
SUPPLIER DEVICE PACKAGE	672-FBGA (27x27)
SPEED	1.5GHz
SERIES	Arria 10 SX
RAM SIZE	256KB
PRIMARY ATTRIBUTES	FPGA - 320K 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 - 320K Logic Elements 256KB 1.5GHz 672-FBGA (27x27)
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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Related Products

 10AS027H4F35I3SG Manufacturers: Intel® FPGAs Description: 1152-PIN FBGA In stock: 75 pcs RFQ	 10AS032E1F29E1SG Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC SOC FPGA 360 I/O 780FBGA In stock: 4259 pcs RFQ
 10AS027H4F35E3SG Manufacturers: Intel® FPGAs Description: 1152-PIN FBGA In stock: 117 pcs RFQ	 10AS032E1F27E1HG Manufacturers: Intel® FPGAs Description: IC SOC FPGA 240 I/O 672FBGA In stock: 62 pcs RFQ
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