



Altera (Intel® Programmable Solutions Group)



Image may be representation. See specifications for product details.

Part Number:	10AS032E1F29E1SG
Manufacturer/Brand:	Altera (Intel® Programmable Solutions Group)
Product description	IC SOC FPGA 360 I/O 780FBGA
Datasheets:	 1.10AS032E1F29E1SG.pdf
	 2.10AS032E1F29E1SG.pdf
	 3.10AS032E1F29E1SG.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4259 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of 10AS032E1F29E1SG

PART NUMBER	10AS032E1F29E1SG
MANUFACTURER	Altera (Intel® Programmable Solutions Group)
DESCRIPTION	IC SOC FPGA 360 I/O 780FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4259 pcs
DATA SHEET	 1.10AS032E1F29E1SG.pdf  2.10AS032E1F29E1SG.pdf  3.10AS032E1F29E1SG.pdf
SUPPLIER DEVICE PACKAGE	780-FBGA (29x29)
SPEED	1.5GHz
SERIES	Arria 10 SX
RAM SIZE	256KB
PRIMARY ATTRIBUTES	FPGA - 320K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	780-BBGA, FCBGA
OPERATING TEMPERATURE	0°C ~ 100°C (TJ)
NUMBER OF I/O	360
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 780-FBGA (29x29)
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

 10AS032E1F27I1HG Manufacturers: Intel® FPGAs Description: IC SOC FPGA 240 I/O 672FBGA In stock: 53 pcs RFQ	 10AS032E2F27E2SG Manufacturers: Intel® FPGAs Description: 672-PIN FBGA In stock: 85 pcs RFQ
 10AS032E1F29E1HG Manufacturers: Intel® FPGAs Description: IC SOC FPGA 360 I/O 780FBGA In stock: 54 pcs RFQ	 10AS032E1F29I1SG Manufacturers: Altera (Intel® Programmable Solutions Group) Description: IC SOC FPGA 360 I/O 780FBGA In stock: 3320 pcs RFQ
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