



### 10AS048E3F29I2LG

Part Number: **10AS048E3F29I2LG**  
 Product Description: 780-PIN FBGA  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [1.10AS048E3F29I2LG.pdf](#)  
[2.10AS048E3F29I2LG.pdf](#)

Manufacturer/Brand: Intel® FPGAs  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	10AS048E3F29I2LG	<b>Manufacturer</b>	Intel® FPGAs
<b>Description</b>	780-PIN FBGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	1.10AS048E3F29I2LG.pdf2.10AS048E3F29I2LG.pdf		
<b>Speed</b>	1.5GHz	<b>Series</b>	Arria 10 SX
<b>RAM Size</b>	256KB	<b>Primary Attributes</b>	FPGA - 480K Logic Elements
<b>Peripherals</b>	DMA, POR, WDT	<b>Packaging</b>	Tray
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)	<b>Number of I/O</b>	360
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	12 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Flash Size</b>	-
<b>Detailed Description</b>	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™ System On Chip (SOC) IC Arria 10 SX FPGA - 480K Logic Elements 256KB 1.5GHz	<b>Core Processor</b>	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
<b>Connectivity</b>	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	<b>Architecture</b>	MCU, FPGA

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