

### 10AS057N3F40I2SG



**Altera (Intel® Programmable Solutions Group)**

IC SOC FPGA 588 I/O 1517FBGA  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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Minimum:1  
Multiples:100  
Manufacturer lead time 10 weeks

Images are for reference only.

See Product Specifications for product details.

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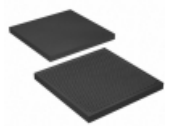
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### Specifications

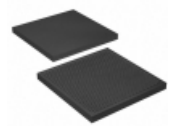
<b>Supplier Device Package:</b>	1517-FCBGA (40x40)
<b>Speed:</b>	1.5GHz
<b>Series:</b>	Arria 10 SX
<b>Primary Attributes:</b>	FPGA - 570K Logic Elements
<b>Peripherals:</b>	DMA, POR, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	1517-BBGA, FCBGA
<b>Operating Temperature:</b>	-40°C ~ 100°C (TJ)
<b>Number of I/O:</b>	588
<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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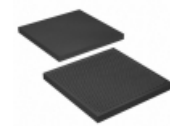
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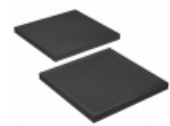
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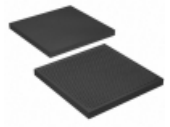
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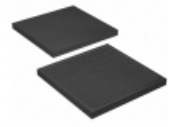
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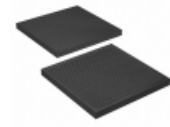
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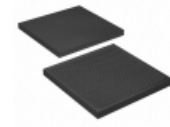
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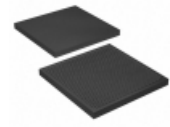
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