



### 10AS057N2F40I2LG

Part Number: **10AS057N2F40I2LG**  
 Mombamomba ny vokatra: IC SOC FPGA 588 I/O 1517FBGA  
 RoHs Status: Lead free / RoHS compliant  
 Datasheets: [1.10AS057N2F40I2LG.pdf](#)  
[2.10AS057N2F40I2LG.pdf](#)  
[3.10AS057N2F40I2LG.pdf](#)

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

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#### Antsipiriany'ny vokatra

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<b>Description</b>	IC SOC FPGA 588 I/O 1517FBGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS compliant
<b>Takela-daza</b>	1.10AS057N2F40I2LG.pdf2.10AS057N2F40I2LG.pdf3.10AS057N2F40I2LG.pdf		
<b>Package Device Device</b>	1517-FCBGA (40x40)	<b>Speed</b>	1.5GHz
<b>Series</b>	Arria 10 SX	<b>RAM Size</b>	256KB
<b>Ireo toetra fototra</b>	FPGA - 570K Logic Elements	<b>Peripherals</b>	DMA, POR, WDT
<b>Fonosana</b>	Tray	<b>Package / Case</b>	1517-BBGA, FCBGA
<b>Operating Temperature</b>	-40°C ~ 100°C (TJ)	<b>Isan'ny I / O</b>	588
<b>Ny haavon'ny fahitan-tory (MSL)</b>	3 (168 Hours)	<b>Mpanazatra 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 - 570K Logic Elements 256KB 1.5GHz 1517-FCBGA (40x40)	<b>Core Processor</b>	Dual ARM® Cortex®-A9 MPCore™ with CoreSight™
<b>fifandraisana</b>	EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG	<b>Architecture</b>	MCU, FPGA

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<p><b>10AS057N2F40E2LG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 588 I/O 1517FBGA                  Download: <a href="#">10AS057N2F40E2LG.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>10AS057N3F40I2SG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 588 I/O 1517FBGA                  Download: <a href="#">10AS057N3F40I2SG.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>10AS057N3F40E2SG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 588 I/O 1517FBGA                  Download: <a href="#">10AS057N3F40E2SG.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>10AS057N4F40E3LG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 588 I/O 1517FBGA                  Download: <a href="#">10AS057N4F40E3LG.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>10AS057N2F40I1SG</b>                  Manufacturers: Altera (Intel® Programmable Solutions Group)                  Description: IC SOC FPGA 588 I/O 1517FBGA                  Download: <a href="#">10AS057N2F40I1SG.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>10AS057N2F40I2SG</b>                  Manufacturers: Intel® FPGAs                  Description: IC SOC FPGA 588 I/O 1517FBGA                  Download: <a href="#">10AS057N2F40I2SG.pdf</a></p> <p><a href="#">RFQ</a></p>
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