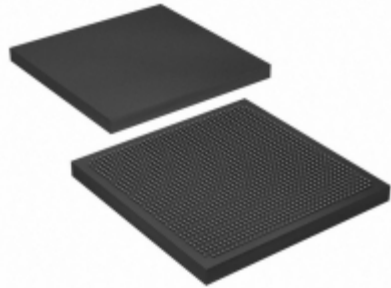


10AS066N1F40I1SG



Images are for reference only.
See Product Specifications for product details.
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Part Number: 10AS066N1F40I1SG

Manufacturer: [Altera \(Intel® Programmable Solutions Group\)](#)

Description: IC SOC FPGA 588 I/O 1517FBGA

Data sheet:  [Arria® 10 Device Overview](#)
 [Arria 10 Device Datasheet](#)
 [Arria 10 Device Overview](#)

RoHs Status: Lead free / RoHS Compliant

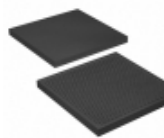
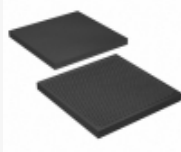
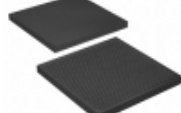
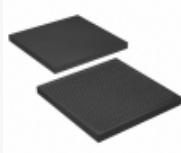
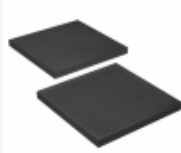
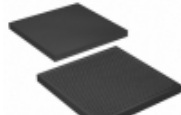
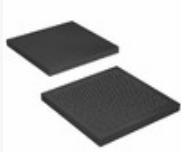
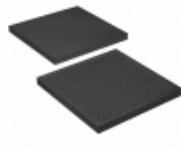
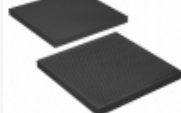
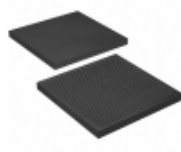
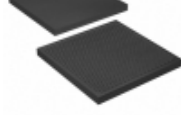
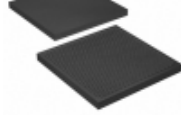
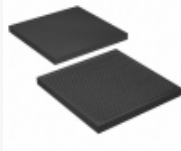
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PRODUCT PARAMETER			
Part Number	10AS066N1F40I1SG	Manufacturer	Altera (Intel® Programmable Solutions Group)
Description	IC SOC FPGA 588 I/O 1517FBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13 pcs	Data sheet	Arria® 10 Device Overview Arria 10 Device Datasheet Arria 10 Device Overview
Category	Integrated Circuits (ICs)	Supplier Device Package	1517-FCBGA (40x40)
Speed	1.5GHz	Series	Arria 10 SX
RAM Size	256KB	Primary Attributes	FPGA - 660K Logic Elements
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	1517-BBGA, FCBGA	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	588	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 - 660K Logic Elements 256KB 1.5GHz 1517-FCBGA (40x40)	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

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	Part#: 10AS066N2F40I2LG Description: IC SOC FPGA 588 I/O 1517FBGA	Manufacturers: Intel® FPGAs	RFQ
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	Part#: 10AS066K4F35I3SGES Description: IC SOC FPGA 396 I/O 1152FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
	Part#: 10AS066N2F40I2SGES Description: IC SOC FPGA 588 I/O 1517FBGA	Manufacturers: Altera (Intel® Programmable Solutions Group)	RFQ
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	Part#: 10AS066K4F40I3SG Description: IC SOC FPGA 696 I/O 1517FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10AS066N2F40I1HG Description: IC SOC FPGA 588 I/O 1517FBGA	Manufacturers: Intel® FPGAs	RFQ
	Part#: 10AS066N1F40E1HG Description: IC SOC FPGA 588 I/O 1517FBGA	Manufacturers: Intel® FPGAs	RFQ
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