



Intel® FPGAs



10AS016C4U19I3LG

Part Number:

Intel® FPGAs

IC SOC FPGA 192 I/O 484UBGA

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 2.10AS016C4U19I3LG.pdf

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Specifications of 10AS016C4U19I3LG

PART NUMBER	10AS016C4U19I3LG
MANUFACTURER	Intel® FPGAs
DESCRIPTION	IC SOC FPGA 192 I/O 484UBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.10AS016C4U19I3LG.pdf  2.10AS016C4U19I3LG.pdf
SUPPLIER DEVICE PACKAGE	484-UBGA (19x19)
SPEED	1.5GHz
SERIES	Arria 10 SX
RAM SIZE	256KB
PRIMARY ATTRIBUTES	FPGA - 160K Logic Elements
PERIPHERALS	DMA, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	484-BFBGA, FCBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	192
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
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 - 160K Logic Elements 256KB 1.5GHz 484-UBGA (19x19)
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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