



Microsemi



M2S010-1FG484I

Part Number:	M2S010-1FG484I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 10K LUTS 484FBGA
	 1.M2S010-1FG484I.pdf
	 2.M2S010-1FG484I.pdf
	 3.M2S010-1FG484I.pdf
	 4.M2S010-1FG484I.pdf
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	2168 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

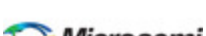
Specifications of M2S010-1FG484I

PART NUMBER	M2S010-1FG484I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 10K LUTS 484FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	2168 pcs
DATA SHEET	 1.M2S010-1FG484I.pdf  2.M2S010-1FG484I.pdf  3.M2S010-1FG484I.pdf  4.M2S010-1FG484I.pdf
SUPPLIER DEVICE PACKAGE	484-FPBGA (23x23)
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 10K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	484-BGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	233
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
FLASH SIZE	256KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 10K Logic Modules 256KB 64KB 166MHz 484-FPBGA (23x23)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
BASE PART NUMBER	M2S010
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S010-1FG484I	M2S010-1FG484I Distributor	M2S010-1FG484I Supplier
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Microsemi Power Products Group M2S010-1FG484I	Microsemi SoC M2S010-1FG484I	Microsemi Commercial Components Group M2S010-1FG484I
Microsemi Corporation M2S010-1FG484I	Microsemi Solutions Sdn Bhd. M2S010-1FG484I	

Related Products

 M2S005S-VFG400I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4504 pcs RFQ	 M2S010-1TQ144I Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS In stock: 6367 pcs RFQ
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 M2S005S-VFG256I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 3941 pcs RFQ	 M2S005S-VFG400 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4500 pcs RFQ
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 M2S010-1TQ144 Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS In stock: 2818 pcs RFQ	 M2S010-1TQG144 Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS In stock: 2656 pcs RFQ