



Microsemi



M2S010S-TQG144

Part Number:	M2S010S-TQG144
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC
Datasheets:	 M2S010S-TQG144.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2515 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of M2S010S-TQG144

PART NUMBER	M2S010S-TQG144
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2515 pcs
DATA SHEET	 M2S010S-TQG144.pdf
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 10K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF I/O	84
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	256KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 10K Logic Modules 256KB 64KB 166MHz
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S010S-TQG144	M2S010S-TQG144 Distributor	M2S010S-TQG144 Supplier
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Microsemi Corporation M2S010S-TQG144	Microsemi Solutions Sdn Bhd. M2S010S-TQG144	

Related Products

 M2S010T-1FG484M Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS In stock: 1042 pcs RFQ	 M2S010S-1VF400I Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS 400VFBGA In stock: 2999 pcs RFQ
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 M2S010T-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS 484FBGA In stock: 1789 pcs RFQ	 M2S010S-TQ144I Manufacturers: Microsemi Description: IC FPGA SOC In stock: 3329 pcs RFQ
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 M2S010S-1VFG400I Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS 400VFBGA In stock: 4941 pcs RFQ	 M2S010S-TQ144 Manufacturers: Microsemi Description: IC FPGA SOC In stock: 3898 pcs RFQ