

M2S010S-TQ144I



Part Number: [M2S010S-TQ144I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC

Data sheet:  [M2GL0xx Product Brief](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

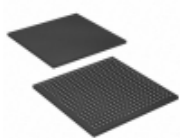
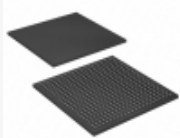
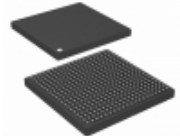
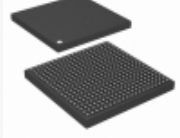
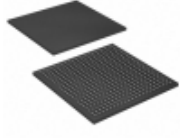
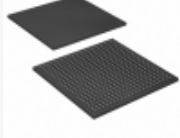
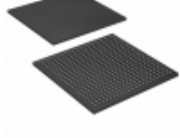
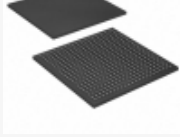
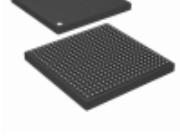
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	M2S010S-TQ144I	Manufacturer	Microsemi
Description	IC FPGA SOC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5400 pcs	Data sheet	M2GL0xx Product Brief
Category	Integrated Circuits (ICs)	Speed	166MHz
Series	SmartFusion@2	RAM Size	64KB
Primary Attributes	FPGA - 10K Logic Modules	Peripherals	DDR, PCIe, SERDES
Packaging	Tray	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	84	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	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB	Architecture	MCU, FPGA

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