



Microsemi



Image may be representation. See specifications for product details.

M2S010-TQ144I

Part Number:	M2S010-TQ144I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 10K LUTS  1.M2S010-TQ144I.pdf  2.M2S010-TQ144I.pdf
Datasheets:	 2.M2S010-TQ144I.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

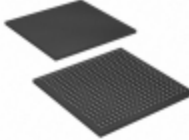
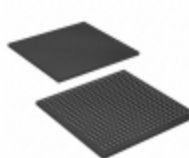
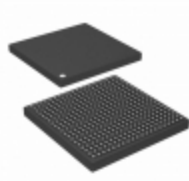
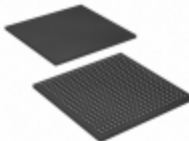
Specifications of M2S010-TQ144I

PART NUMBER	M2S010-TQ144I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 10K LUTS
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 1.M2S010-TQ144I.pdf  2.M2S010-TQ144I.pdf
SUPPLIER DEVICE PACKAGE	144-TQFP (20x20)
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 10K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
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 144-TQFP (20x20)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

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Microsemi Corporation M2S010-TQ144I	Microsemi Solutions Sdn Bhd. M2S010-TQ144I	

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