



Microsemi



Image may be representation. See specifications for product details.

M2S010S-TQ144

Part Number:	M2S010S-TQ144
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC
Datasheets:	 M2S010S-TQ144.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	3898 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S010S-TQ144

PART NUMBER	M2S010S-TQ144
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	3898 pcs
DATA SHEET	 M2S010S-TQ144.pdf
SUPPLIER DEVICE PACKAGE	Module
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 10K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	Module
OTHER NAMES	1100-1296 M2S010S-TQ144-ND
OPERATING TEMPERATURE	0°C ~ 85°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 Module
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

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 M2S010S-1TQG144I Manufacturers: Microsemi Description: IC FPGA SOC In stock: 2157 pcs RFQ	 M2S010S-1VF400I Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS 400VFBGA In stock: 2999 pcs RFQ
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