


Microsemi





M2S010S-1TQG144I

Part Number: M2S010S-1TQG144I

Manufacturer/Brand: Microsemi

Product description: IC FPGA SOC

Datasheets:  M2S010S-1TQG144I.pdf

RoHs Status:  Lead free / RoHS Compliant


Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

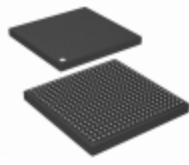
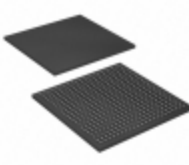
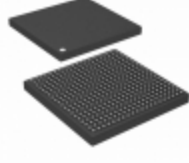

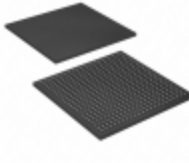
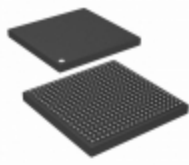






Specifications of M2S010S-1TQG144I

PART NUMBER	M2S010S-1TQG144I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 M2S010S-1TQG144I.pdf
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	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

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Microsemi Consumer Medical Product Group M2S010S-1TQG144I	Microsemi HI-REL [MIL] M2S010S-1TQG144I	Microsemi Power Management Group M2S010S-1TQG144I
Microsemi Power Products Group M2S010S-1TQG144I	Microsemi SoC M2S010S-1TQG144I	Microsemi Commercial Components Group M2S010S-1TQG144I
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