infinity-electronic

	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
Stock Condition	2157 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-1TQG144I

PART NUMBER	M2S010S-1TQG144I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2157 pcs
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 Corporation M2S010S-1TQG144I	Microsemi Solutions Sdn Bhd. M2S010S-1TQG144I	

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M2S010S-1VFG400I Manufacturers: Microsemi Description: IC FPGA SOC 10K LUTS 400VFBGA In stock: 4941 pcs RFQ	**M2S010S-1TQ144** Manufacturers: Microsemi Description: IC FPGA SOC In stock: 3278 pcs RFQ
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