

M2S010-TQG144



Part Number: [M2S010-TQG144](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 10K LUTS

Data sheet:  [SmartFusion2 Product Brief](#)
 [IGL002 FPGA,SmartFusion2 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

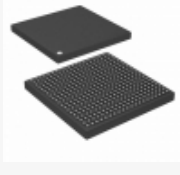
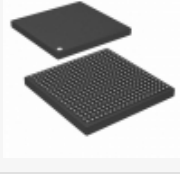
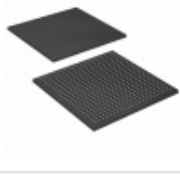
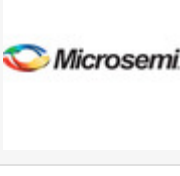
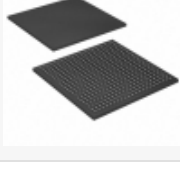
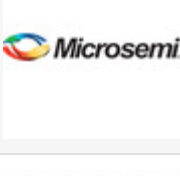
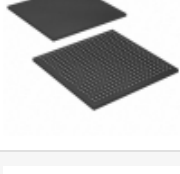
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
Buy M2S010-TQG144 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

PRODUCT PARAMETER			
Part Number	M2S010-TQG144	Manufacturer	Microsemi
Description	IC FPGA SOC 10K LUTS	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3539 pcs	Data sheet	SmartFusion2 Product Brief IGL002 FPGA,SmartFusion2 Datasheet
Category	Integrated Circuits (ICs)	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	0°C ~ 85°C (TJ)
Number of I/O	84	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	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 144-TQFP (20x20)
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB
Architecture	MCU, FPGA		

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 3539 pieces of Microsemi M2S010-TQG144 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.
RFQ Email: info@Components-World.com

RELATED PRODUCTS			
	Part#: M2S010-FG484I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VFG400 Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-TQG144I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VF400 Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-FGG484 Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG400 Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-MKR-KIT Description: SMARTFUSION2 MAKER-BOARD	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG400I Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG256I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-TQ144I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VF256 Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-FG484 Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VF256I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-FGG484I Description: IC FPGA SOC 10K LUT 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VFG400I Description: IC FPGA SOC 10K LUT 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VF400I Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010S-1FG484I Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VFG256 Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-VFG256I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-TQ144 Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ

Related keywords for M2S010-TQG144			
Microsemi M2S010-TQG144	M2S010-TQG144 distributor	M2S010-TQG144 supplier	M2S010-TQG144 price
M2S010-TQG144 download datasheet	M2S010-TQG144 datasheet	M2S010-TQG144 stock	buy M2S010-TQG144
Microsemi M2S010-TQG144	Microsemi Analog Mixed Signal Group M2S010-TQG144	Microsemi Analog Mixed Signal Group [MIL]	Microsemi Consumer Medical Product Group
Microsemi HI-REL [MIL] M2S010-TQG144	Microsemi Power Management Group M2S010-TQG144	Microsemi Power Products Group M2S010-TQG144	Microsemi SoC M2S010-TQG144
		Microsemi Commercial Components Group	Microsemi Corporation M2S010-TQG144
		M2S010-TQG144	Microsemi Solutions Sdn Bhd. M2S010-TQG144

