

M2S010-1TQG144



Part Number: [M2S010-1TQG144](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 10K LUTS

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

RoHs Status: Lead free / RoHS Compliant

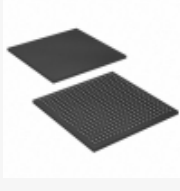
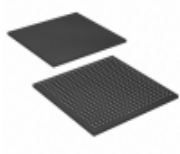
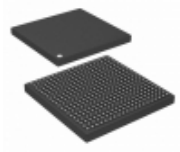
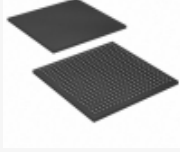
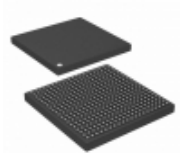
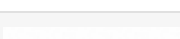
Ship From: Hong Kong

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

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	M2S010-1TQG144	Manufacturer	Microsemi
Description	IC FPGA SOC 10K LUTS	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2785 pcs	Data sheet	SmartFusion2 Pin Descriptions SmartFusion2 Product Brief IGL002 FPGA,SmartFusion2 Datasheet 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)
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 2785 pieces of Microsemi M2S010-1TQG144 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#: M2S010-1TQ144 Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG400 Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VF256 Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1FGG484I Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-FG484 Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S005S-VFG256 Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VF400 Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1FGG484 Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S005S-VFG400I Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1TQ144I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VF400I Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VF256I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG256 Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S005S-VFG400 Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG256I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S005S-VFG256I Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1VFG400I Description: IC FPGA SOC 10K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1FG484I Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1TQG144I Description: IC FPGA SOC 10K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S010-1FG484 Description: IC FPGA SOC 10K LUTS 484FBGA	Manufacturers: Microsemi	RFQ

Related keywords for M2S010-1TQG144

Microsemi M2S010-1TQG144	M2S010-1TQG144 distributor	M2S010-1TQG144 supplier	M2S010-1TQG144 price
M2S010-1TQG144 download datasheet	M2S010-1TQG144 datasheet	M2S010-1TQG144 stock	buy M2S010-1TQG144
Microsemi M2S010-1TQG144	Microsemi Analog Mixed Signal Group M2S010-1TQG144	Microsemi Analog Mixed Signal Group [MIL]	Microsemi Consumer Medical Product Group
Microsemi HI-REL [MIL] M2S010-1TQG144	Microsemi Power Management Group M2S010-1TQG144	Microsemi Power Products Group M2S010-1TQG144	Microsemi SoC M2S010-1TQG144
			Microsemi Commercial Components Group
			M2S010-1TQG144
Microsemi Corporation M2S010-1TQG144	Microsemi Solutions Sdn Bhd. M2S010-1TQG144		

