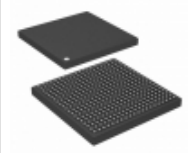
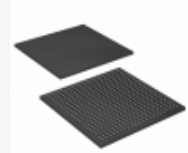
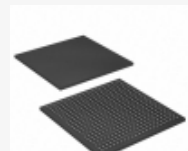
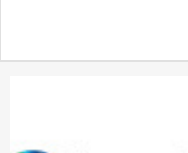


M2S005-1TQ144I

	Part Number: M2S005-1TQ144I Manufacturer: Microsemi Description: IC FPGA SOC 5K LUTS Data sheet:  SmartFusion2 Pin Descriptions  IGL002 FPGA,SmartFusion2 Datasheet  SmartFusion2 Datasheet  SmartFusion2 Product Brief RoHs Status: Contains lead / RoHS non-compliant Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Images are for reference only. See Product Specifications for product details. Buy M2S005-1TQ144I with confidence from Component-World.HK, 1 Year Warranty	Request For Quotation

PRODUCT PARAMETER			
Part Number	M2S005-1TQ144I	Manufacturer	Microsemi
Description	IC FPGA SOC 5K LUTS	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5864 pcs	Data sheet	SmartFusion2 Pin Descriptions IGL002 FPGA,SmartFusion2 Datasheet SmartFusion2 Datasheet SmartFusion2 Product Brief
Category	Integrated Circuits (ICs)	Supplier Device Package	144-TQFP (20x20)
Speed	166MHz	Series	SmartFusion®2
RAM Size	64KB	Primary Attributes	FPGA - 5K Logic Modules
Peripherals	DDR	Packaging	Tray
Package / Case	144-LQFP	Operating Temperature	-40°C ~ 100°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	128KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 144-TQFP (20x20)	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB	Architecture	MCU, FPGA
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	Part#: M2S-EVAL-KIT Description: KIT EVALUATION SMARTFUSION2	Manufacturers: Microsemi	RFQ
	Part#: M2S005-FG484 Description: IC FPGA SOC 5K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S005-1VF256I Description: IC FPGA SOC 5K LUTS	Manufacturers: Microsemi	RFQ
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	Part#: M2S005-1FG484I Description: IC FPGA SOC 5K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
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