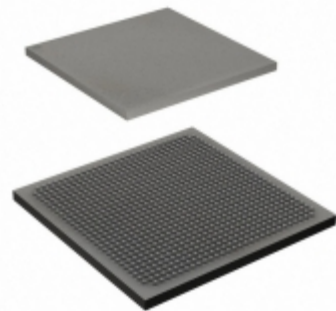


M2S050S-1FG896I





Part Number: [M2S050S-1FG896I](#)

Manufacturer: [Microsemi](#)

Description: IC FPGA SOC 50K LUTS 896FBGA

Data sheet:  [SmartFusion2 Pin Descriptions](#)
 [SmartFusion2 Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

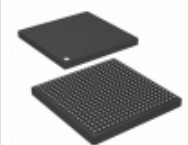
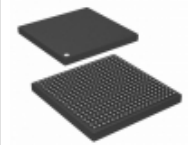
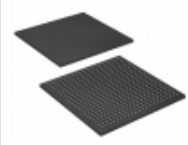
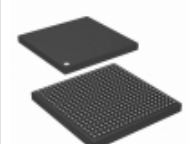
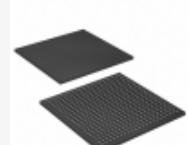
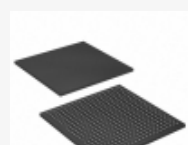
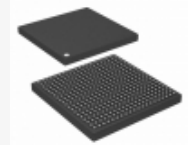
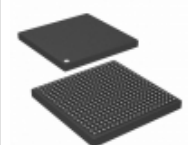
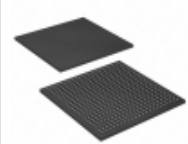
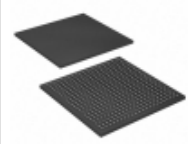
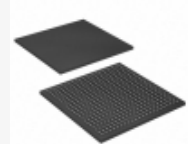
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
Buy M2S050S-1FG896I with confidence from
Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	M2S050S-1FG896I	Manufacturer	Microsemi
Description	IC FPGA SOC 50K LUTS 896FBGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5288 pcs	Data sheet	SmartFusion2 Pin Descriptions SmartFusion2 Datasheet
Category	Integrated Circuits (ICs)	Supplier Device Package	896-FBGA (31x31)
Speed	166MHz	Series	SmartFusion®2
RAM Size	64KB	Primary Attributes	FPGA - 50K Logic Modules
Peripherals	DDR, PCIe, SERDES	Packaging	Tray
Package / Case	896-FBGA	Operating Temperature	-40°C ~ 100°C (TJ)
Number of I/O	377	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Flash Size	256KB
Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 50K Logic Modules 256KB 64KB 166MHz 896-FBGA (31x31)	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB	Base Part Number	M2S050S
Architecture	MCU, FPGA		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 5288 pieces of Microsemi M2S050S-1FG896I 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#: M2S050-VF400I Description: IC FPGA SOC 50K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050T-1FCSG325I Description: IC FPGA SOC 50K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S050-VF400 Description: IC FPGA SOC 50K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050-FG896I Description: IC FPGA SOC 50K LUTS 896FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050S-1VFG400I Description: IC FPGA SOC 50K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050T-1FCS325 Description: IC FPGA SOC 50K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S050-FGG484 Description: IC FPGA SOC 50K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050S-1FGG896I Description: IC FPGA SOC 50K LUTS 896FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050S-1VF400I Description: IC FPGA SOC 50K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050S-1FGG484I Description: IC FPGA SOC 50K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050-FGG896 Description: IC FPGA SOC 896-FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050S-1FG484I Description: IC FPGA SOC 50K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050-FGG896I Description: IC FPGA SOC 896-FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050-VFG400 Description: IC FPGA SOC 50K LUTS 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050-VFG400I Description: IC FPGA SOC 50K LUT 400VFBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050T-1FCSG325I Description: IC FPGA SOC 50K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S050T-1FG484 Description: IC FPGA SOC 50K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050T-1FCSG325 Description: IC FPGA SOC 50K LUTS	Manufacturers: Microsemi	RFQ
	Part#: M2S050T-1FG484I Description: IC FPGA SOC 50K LUTS 484FBGA	Manufacturers: Microsemi	RFQ
	Part#: M2S050-FGG484I Description: IC FPGA SOC 50K LUT 484FBGA	Manufacturers: Microsemi	RFQ

Related keywords for M2S050S-1FG896I			
Microsemi M2S050S-1FG896I	M2S050S-1FG896I distributor	M2S050S-1FG896I supplier	M2S050S-1FG896I price
M2S050S-1FG896I download datasheet	M2S050S-1FG896I datasheet	M2S050S-1FG896I stock	buy M2S050S-1FG896I
Microsemi M2S050S-1FG896I	Microsemi Analog Mixed Signal Group M2S050S-1FG896I	Microsemi Analog Mixed Signal Group [MIL]	Microsemi Consumer Medical Product Group
Microsemi HI-REL [MIL] M2S050S-1FG896I	Microsemi Power Management Group M2S050S-1FG896I	Microsemi Power Products Group M2S050S-1FG896I	Microsemi SoC M2S050S-1FG896I
			Microsemi Commercial Components Group
			M2S050S-1FG896I
Microsemi Corporation M2S050S-1FG896I	Microsemi Solutions Sdn Bhd. M2S050S-1FG896I		

