



Microsemi



M2S050T-FG896I

Part Number:	M2S050T-FG896I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 50K LUTS
	 1.M2S050T-FG896I.pdf
	 2.M2S050T-FG896I.pdf
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

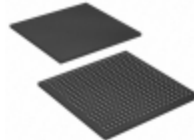
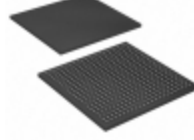
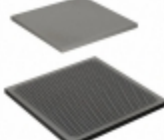
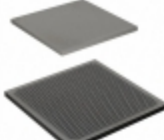
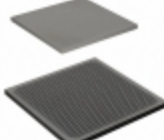
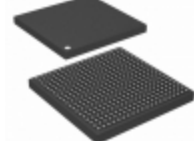
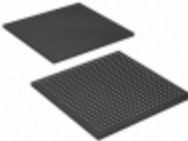
Specifications of M2S050T-FG896I

PART NUMBER	M2S050T-FG896I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 50K LUTS
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 1.M2S050T-FG896I.pdf  2.M2S050T-FG896I.pdf
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-BGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	377
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	8 Weeks
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
ARCHITECTURE	MCU, FPGA

Related Tags

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Microsemi Consumer Medical Product Group M2S050T-FG896I	Microsemi HI-REL [MIL] M2S050T-FG896I	Microsemi Power Management Group M2S050T-FG896I
Microsemi Power Products Group M2S050T-FG896I	Microsemi SoC M2S050T-FG896I	Microsemi Commercial Components Group M2S050T-FG896I
Microsemi Corporation M2S050T-FG896I	Microsemi Solutions Sdn Bhd. M2S050T-FG896I	

Related Products

 M2S050T-FG484 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: Out stock RFQ	 M2S050T-FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: Out stock RFQ
 M2S050T-FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUT 484FBGA In stock: 15 pcs RFQ	 M2S050T-FCSG325 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: Out stock RFQ
 M2S050T-FG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: Out stock RFQ	 M2S050T-FGG896ES Manufacturers: Microsemi Description: IC SOC ENG SMPL MCU/FPGA 896FBGA In stock: Out stock RFQ
 M2S050T-FGG896I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: Out stock RFQ	 M2S050T-FGG896 Manufacturers: Microsemi Description: IC FPGA SOC W/TXRX 896-FBGA In stock: Out stock RFQ
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 M2S050T-VF400 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: Out stock RFQ	 M2S050T-FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: Out stock RFQ