



M2S050-1FGG896I

Part Number:	M2S050-1FGG896I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 50K LUTS 896FBGA
Datasheets:	1.M2S050-1FGG896I.pdf 2.M2S050-1FGG896I.pdf
RoHs Status	Lead free / RoHS Compliant
Stock Condition	714 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

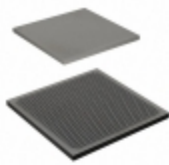
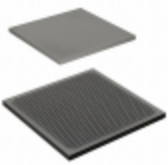
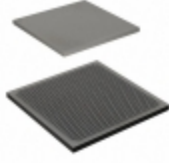
Specifications of M2S050-1FGG896I

PART NUMBER	M2S050-1FGG896I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 50K LUTS 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	714 pcs
DATA SHEET	1.M2S050-1FGG896I.pdf 2.M2S050-1FGG896I.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-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	Lead free / RoHS 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	M2S050
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S050-1FGG896I	M2S050-1FGG896I Distributor	M2S050-1FGG896I Supplier
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Microsemi Consumer Medical Product Group M2S050-1FGG896I	Microsemi HI-REL [MIL] M2S050-1FGG896I	Microsemi Power Management Group M2S050-1FGG896I
Microsemi Power Products Group M2S050-1FGG896I	Microsemi SoC M2S050-1FGG896I	Microsemi Commercial Components Group M2S050-1FGG896I
Microsemi Corporation M2S050-1FGG896I	Microsemi Solutions Sdn Bhd. M2S050-1FGG896I	

Related Products

 M2S050-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 896FBGA In stock: 886 pcs RFQ	 M2S050-1VFG400I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 782 pcs RFQ
 M2S050-1FG896 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 896FBGA In stock: 688 pcs RFQ	 M2S050-1FGG896 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 896FBGA In stock: 665 pcs RFQ
 M2S050-1VF400 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 978 pcs RFQ	 M2S050-1VF400I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 819 pcs RFQ
 M2S050-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: 879 pcs RFQ	 M2S050-FCS325I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 1210 pcs RFQ
 M2S050-1FG896I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 756 pcs RFQ	 M2S050-1VFG400 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 827 pcs RFQ
 M2S050-FCS325 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 1567 pcs RFQ	 M2S050-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: 863 pcs RFQ