



Microsemi



Image may be representation. See specifications for product details.

M2S050TS-FGG896I

Part Number: M2S050TS-FGG896I

Manufacturer/Brand: Microsemi

Product description: IC FPGA SOC 50K LUTS

Datasheets:  1.M2S050TS-FGG896I.pdf
 2.M2S050TS-FGG896I.pdf

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 576 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Specifications of M2S050TS-FGG896I

PART NUMBER	M2S050TS-FGG896I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 50K LUTS
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	576 pcs
DATA SHEET	 1.M2S050TS-FGG896I.pdf  2.M2S050TS-FGG896I.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)
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
ARCHITECTURE	MCU, FPGA

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 M2S060-1FCS325I Manufacturers: Microsemi Description: IC FPGA SOC 60K LUTS In stock: 1128 pcs RFQ	 M2S050TS-FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 942 pcs RFQ
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 M2S050TS-FG896 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 632 pcs RFQ	 M2S050TS-FG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 683 pcs RFQ
 M2S050TS-VFG400I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 816 pcs RFQ	 M2S050TS-FGG896 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 744 pcs RFQ
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