

Microsemi

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Image may be representation. See specifications for product details.

M2S050T-FGG896ES

Part Number:	M2S050T-FGG896ES
Manufacturer/Brand:	Microsemi
Product description	IC SOC ENG SMPL MCU/FPGA 896FBGA
Datasheets:	PDF 1.M2S050T-FGG896ES.pdf PDF 2.M2S050T-FGG896ES.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	7058 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S050T-FGG896ES

PART NUMBER	M2S050T-FGG896ES
MANUFACTURER	Microsemi
DESCRIPTION	IC SOC ENG SMPL MCU/FPGA 896FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7058 pcs
DATA SHEET	PDF 1.M2S050T-FGG896ES.pdf PDF 2.M2S050T-FGG896ES.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
OTHER NAMES	1100-1154 M2S050TFGG896ES
OPERATING TEMPERATURE	0°C ~ 85°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 M2S050T-FGG896ES	M2S050T-FGG896ES Distributor	M2S050T-FGG896ES Supplier
M2S050T-FGG896ES Price	M2S050T-FGG896ES Pictures	M2S050T-FGG896ES Image
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Microsemi Consumer Medical Product Group M2S050T-FGG896ES	Microsemi HI-REL [MIL] M2S050T-FGG896ES	Microsemi Power Management Group M2S050T-FGG896ES
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Microsemi Corporation M2S050T-FGG896ES	Microsemi Solutions Sdn Bhd. M2S050T-FGG896ES	

Related Products

Microsemi M2S050T-FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUT 484FBGA In stock: 809 pcs RFQ	Microsemi M2S050T-VFG400I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUT 400VFBGA In stock: 1018 pcs RFQ
Microsemi M2S050TS-1FCS325 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 1026 pcs RFQ	Microsemi M2S050T-FG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: 881 pcs RFQ
M2S050T-FG896 Manufacturers: Microsemi Description: IC SOC ENG SMPL MCU/FPGA 896FBGA In stock: 3914 pcs RFQ	Microsemi M2S050T-VF400I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 924 pcs RFQ
Microsemi M2S050T-FG896I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 676 pcs RFQ	Microsemi M2S050T-FGG896I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 711 pcs RFQ
Microsemi M2S050T-FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: 1054 pcs RFQ	M2S050T-FGG896 Manufacturers: Microsemi Description: IC FPGA SOC W/TXRX 896-FBGA In stock: 716 pcs RFQ
Microsemi M2S050T-VF400 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 1103 pcs RFQ	Microsemi M2S050T-VFG400 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 882 pcs RFQ