



Microsemi



Image may be representation. See specifications for product details.

M2S050S-1VFG400I

Part Number:	M2S050S-1VFG400I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 50K LUTS 400VFBGA
	 1.M2S050S-1VFG400I.pdf
	 2.M2S050S-1VFG400I.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5059 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S050S-1VFG400I

PART NUMBER	M2S050S-1VFG400I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 50K LUTS 400VFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5059 pcs
DATA SHEET	 1.M2S050S-1VFG400I.pdf  2.M2S050S-1VFG400I.pdf
SUPPLIER DEVICE PACKAGE	400-VFBGA (17x17)
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 50K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	400-LFBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	207
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 400-VFBGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
BASE PART NUMBER	M2S050S
ARCHITECTURE	MCU, FPGA

Related Tags

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Microsemi Consumer Medical Product Group M2S050S-1VFG400I	Microsemi HI-REL [MIL] M2S050S-1VFG400I	Microsemi Power Management Group M2S050S-1VFG400I
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Microsemi Corporation M2S050S-1VFG400I	Microsemi Solutions Sdn Bhd. M2S050S-1VFG400I	

Related Products

 M2S050T-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 484FBGA In stock: 855 pcs RFQ	 M2S050T-1FCSG325 Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 918 pcs RFQ
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 M2S050S-1VF400I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS 400VFBGA In stock: 6254 pcs RFQ	 M2S050T-1FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 50K LUTS In stock: 952 pcs RFQ
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