



Microsemi



Image may be representation. See specifications for product details.

M2S005S-1VF256I

Part Number:	M2S005S-1VF256I
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 5K LUTS
	 1.M2S005S-1VF256I.pdf
	 2.M2S005S-1VF256I.pdf
	 3.M2S005S-1VF256I.pdf
	 4.M2S005S-1VF256I.pdf
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	4484 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S005S-1VF256I

PART NUMBER	M2S005S-1VF256I
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 5K LUTS
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	4484 pcs
DATA SHEET	 1.M2S005S-1VF256I.pdf  2.M2S005S-1VF256I.pdf  3.M2S005S-1VF256I.pdf  4.M2S005S-1VF256I.pdf
SUPPLIER DEVICE PACKAGE	256-BGA (17x17)
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 5K Logic Modules
PERIPHERALS	DDR
PACKAGING	Tray
PACKAGE / CASE	256-VFBGA
OPERATING TEMPERATURE	-40°C ~ 100°C (TJ)
NUMBER OF I/O	161
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
FLASH SIZE	128KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion®2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 256-BGA (17x17)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S005S-1VF256I	M2S005S-1VF256I Distributor	M2S005S-1VF256I Supplier
M2S005S-1VF256I Price	M2S005S-1VF256I Pictures	M2S005S-1VF256I Image
M2S005S-1VF256I PDF Datasheet	M2S005S-1VF256I Download Datasheet	M2S005S-1VF256I Datasheet
M2S005S-1VF256I Stock	Buy M2S005S-1VF256I	Buy Microsemi M2S005S-1VF256I
Microsemi M2S005S-1VF256I	Microsemi Supplier	Microsemi Distributor
Microsemi M2S005S-1VF256I	Microsemi Analog Mixed Signal Group M2S005S-1VF256I	Microsemi Analog Mixed Signal Group [MIL] M2S005S-1VF256I
Microsemi Consumer Medical Product Group M2S005S-1VF256I	Microsemi HI-REL [MIL] M2S005S-1VF256I	Microsemi Power Management Group M2S005S-1VF256I
Microsemi Power Products Group M2S005S-1VF256I	Microsemi SoC M2S005S-1VF256I	Microsemi Commercial Components Group M2S005S-1VF256I
Microsemi Corporation M2S005S-1VF256I	Microsemi Solutions Sdn Bhd. M2S005S-1VF256I	

Related Products

 M2S005S-1TQG144 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4756 pcs RFQ	 M2S005S-1VF256 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4870 pcs RFQ
 M2S005S-1VFG400 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4363 pcs RFQ	 M2S005S-1VF400I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS 400VFBGA In stock: 3926 pcs RFQ
 M2S005S-1VFG256I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4250 pcs RFQ	 M2S005S-1TQG144I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 6165 pcs RFQ
 M2S005S-1TQG144I Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4606 pcs RFQ	 M2S005S-1VFG256T2 Manufacturers: Microsemi Description: IC FPGA SOC In stock: 3480 pcs RFQ
 M2S005S-1VFG256 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4930 pcs RFQ	 M2S005S-1VF400 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 4082 pcs RFQ
 M2S005S-1TQG144T2 Manufacturers: Microsemi Description: IC FPGA SMARTFUSION2 In stock: 2041 pcs RFQ	 M2S005S-1TQG144 Manufacturers: Microsemi Description: IC FPGA SOC 5K LUTS In stock: 3757 pcs RFQ