



M2S005S-VFG400

Part Number: **M2S005S-VFG400**
 Product Description: IC FPGA SOC 5K LUTS
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.M2S005S-VFG400.pdf](#)
[2.M2S005S-VFG400.pdf](#)
[3.M2S005S-VFG400.pdf](#)
[4.M2S005S-VFG400.pdf](#)

Manufacturer/Brand: Microsemi
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.
 See specifications for product details.

Product details

Part Number	M2S005S-VFG400	Manufacturer	Microsemi
Description	IC FPGA SOC 5K LUTS	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.M2S005S-VFG400.pdf2.M2S005S-VFG400.pdf3.M2S005S-VFG400.pdf4.M2S005S-VFG400.pdf		
Supplier Device Package	400-VFBGA (17x17)	Speed	166MHz
Series	SmartFusion@2	RAM Size	64KB
Primary Attributes	FPGA - 5K Logic Modules	Peripherals	DDR
Packaging	Tray	Package / Case	400-LFBGA
Operating Temperature	0°C ~ 85°C (TJ)	Number of I/O	169
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Flash Size	128KB	Detailed Description	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion@2 FPGA - 5K Logic Modules 128KB 64KB 166MHz 400-VFBGA (17x17)
Core Processor	ARM® Cortex®-M3	Connectivity	CANbus, Ethernet, I ² C, SPI, UART/USART, USB
Architecture	MCU, FPGA		

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