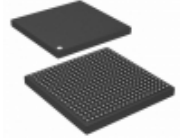


M2S005S-1VFG256

	Part Number: M2S005S-1VFG256 Manufacturer: Microsemi Description: IC FPGA SOC 5K LUTS Data sheet:  SmartFusion2 Pin Descriptions  IGL002 FPGA,SmartFusion2 Datasheet  SmartFusion2 Datasheet  SmartFusion2 Product Brief RoHs Status: Lead free / RoHS Compliant Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
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PRODUCT PARAMETER			
Part Number	M2S005S-1VFG256	Manufacturer	Microsemi
Description	IC FPGA SOC 5K LUTS	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5111 pcs	Data sheet	SmartFusion2 Pin Descriptions IGL002 FPGA,SmartFusion2 Datasheet SmartFusion2 Datasheet SmartFusion2 Product Brief
Category	Integrated Circuits (ICs)	Supplier Device Package	256-FPBGA (17x17)
Speed	166MHz	Series	SmartFusion®2
RAM Size	64KB	Primary Attributes	FPGA - 5K Logic Modules
Peripherals	DDR	Packaging	Tray
Package / Case	256-LBGA	Operating Temperature	0°C ~ 85°C (TJ)
Number of I/O	161	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 256-FPBGA (17x17)	Core Processor	ARM® Cortex®-M3
Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART, USB	Architecture	MCU, FPGA
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