












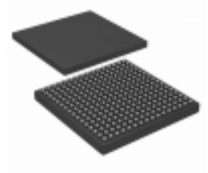


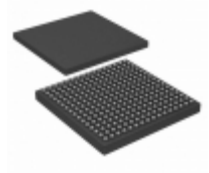
	<p>M2S005S-1VFG256T2</p>
	<p>Manufacturer Part Number: M2S005S-1VFG256T2</p> <p>Manufacturer/Brand: Microsemi</p> <p>Part of Description: IC FPGA SOC</p> <p>Datasheets:</p> <ul style="list-style-type: none">  1.M2S005S-1VFG256T2.pdf  2.M2S005S-1VFG256T2.pdf  3.M2S005S-1VFG256T2.pdf  4.M2S005S-1VFG256T2.pdf  5.M2S005S-1VFG256T2.pdf  6.M2S005S-1VFG256T2.pdf  7.M2S005S-1VFG256T2.pdf  8.M2S005S-1VFG256T2.pdf <p>RoHs Status:  Lead free / RoHS</p> <p>Stock Condition: ^{Compliant} New original, 2593 pcs Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	M2S005S-1VFG256T2
Manufacturer	Microsemi
Description	IC FPGA SOC
Category	Integrated Circuits (ICs) > Embedded - System On Chip
Part Status	2593 pcs Stock
Supplier Device Package	256-FPBGA (17x17)
Speed	166MHz
Series	Automotive, AEC-Q100, SmartFusion®2
Primary Attributes	FPGA - 5K Logic Modules
Peripherals	DDR
Packaging	Tray
Package / Case	256-LBGA
Operating Temperature	-40°C ~ 125°C (TJ)
Number of I/O	161
MCU RAM	64KB
MCU Flash	128KB
Core Processor	ARM® Cortex®-M3
Connectivity	CAN, Ethernet, I²C, SPI, UART/USART, USB
Architecture	MCU, FPGA

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