

## M2S090TS-FGG484



**Microsemi**

IC FPGA SOC 90K LUTS  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

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Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

Images are for reference only.

See Product Specifications for product details.

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### Specifications

<b>Supplier Device Package:</b>	484-FPBGA (23x23)
<b>Speed:</b>	166MHz
<b>Series:</b>	SmartFusion®2
<b>Primary Attributes:</b>	FPGA - 90K Logic Modules
<b>Peripherals:</b>	DDR, PCIe, SERDES
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	484-BGA
<b>Operating Temperature:</b>	0°C ~ 85°C (TJ)
<b>Number of I/O:</b>	267
<b>MCU RAM:</b>	64KB
<b>MCU Flash:</b>	512KB
<b>Core Processor:</b>	ARM® Cortex®-M3
<b>Connectivity:</b>	CAN, Ethernet, I²C, SPI, UART/USART, USB
<b>Architecture:</b>	MCU, FPGA

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**M2S090TS-FG484I**

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