


Microsemi



M2S090TS-1FG484M

Part Number:	M2S090TS-1FG484M
Manufacturer/Brand:	Microsemi
Product description:	IC FPGA SOC 90K LUTS 484FBGA PDF 1.M2S090TS-1FG484M.pdf PDF 2.M2S090TS-1FG484M.pdf PDF 3.M2S090TS-1FG484M.pdf PDF 4.M2S090TS-1FG484M.pdf
Datasheets:	
RoHS Status:	 Contains lead / RoHS non-compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.




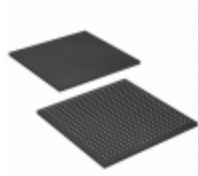




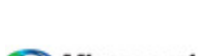


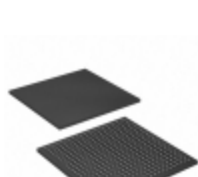
Specifications of M2S090TS-1FG484M

PART NUMBER	M2S090TS-1FG484M
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 484FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	PDF 1.M2S090TS-1FG484M.pdf PDF 2.M2S090TS-1FG484M.pdf PDF 3.M2S090TS-1FG484M.pdf PDF 4.M2S090TS-1FG484M.pdf
SUPPLIER DEVICE PACKAGE	484-FPBGA (23x23)
SPEED	166MHz
SERIES	SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 90K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	484-BGA
OPERATING TEMPERATURE	-55°C ~ 125°C (TJ)
NUMBER OF I/O	267
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
FLASH SIZE	512KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC SmartFusion@2 FPGA - 90K Logic Modules 512KB 64KB 166MHz 484-FPBGA (23x23)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I ² C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

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Microsemi Consumer Medical Product Group M2S090TS-1FG484M	Microsemi HI-REL [MIL] M2S090TS-1FG484M	Microsemi Power Management Group M2S090TS-1FG484M
Microsemi Power Products Group M2S090TS-1FG484M	Microsemi SoC M2S090TS-1FG484M	Microsemi Commercial Components Group M2S090TS-1FG484M
Microsemi Corporation M2S090TS-1FG484M	Microsemi Solutions Sdn Bhd. M2S090TS-1FG484M	

Related Products

 <p>M2S090TS-1FG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: Out stock RFQ</p>	 <p>M2S090TS-1FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: Out stock RFQ</p>
 <p>M2S090TS-1FCS325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: Out stock RFQ</p>	 <p>M2S090TS-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: Out stock RFQ</p>
 <p>M2S090TS-1FGG484T2 Manufacturers: Microsemi Description: IC FPGA SOC In stock: Out stock RFQ</p>	 <p>M2S090TS-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: Out stock RFQ</p>
 <p>M2S090TS-1FGG484M Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: Out stock RFQ</p>	 <p>M2S090TS-1FCS325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: Out stock RFQ</p>
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 <p>M2S090TS-1FCSG325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: Out stock RFQ</p>	 <p>M2S090TS-1FG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: Out stock RFQ</p>