



Microsemi



Image may be representation. See specifications for product details.

M2S090TS-1FGG484T2

Part Number:	M2S090TS-1FGG484T2
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC
	 1.M2S090TS-1FGG484T2.pdf
	 2.M2S090TS-1FGG484T2.pdf
	 3.M2S090TS-1FGG484T2.pdf
	 4.M2S090TS-1FGG484T2.pdf
	 5.M2S090TS-1FGG484T2.pdf
	 6.M2S090TS-1FGG484T2.pdf
	 7.M2S090TS-1FGG484T2.pdf
	 8.M2S090TS-1FGG484T2.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	306 pcs stock
	Hong Kong
Shipment way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S090TS-1FGG484T2

PART NUMBER	M2S090TS-1FGG484T2
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	306 pcs
DATA SHEET	 1.M2S090TS-1FGG484T2.pdf  2.M2S090TS-1FGG484T2.pdf  3.M2S090TS-1FGG484T2.pdf  4.M2S090TS-1FGG484T2.pdf  5.M2S090TS-1FGG484T2.pdf  6.M2S090TS-1FGG484T2.pdf  7.M2S090TS-1FGG484T2.pdf  8.M2S090TS-1FGG484T2.pdf
SUPPLIER DEVICE PACKAGE	484-FPBGA (23x23)
SPEED	166MHz
SERIES	Automotive, AEC-Q100, SmartFusion@2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 90K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	484-BGA
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF I/O	267
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FLASH SIZE	512KB
DETAILED DESCRIPTION	ARM® Cortex®-M3 System On Chip (SOC) IC Automotive, AEC-Q100, SmartFusion@2 FPGA - 90K Logic Modules 512KB 64KB 166MHz 484-FPBGA (23x23)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S090TS-1FGG484T2	M2S090TS-1FGG484T2 Distributor	M2S090TS-1FGG484T2 Supplier
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Microsemi Power Products Group M2S090TS-1FGG484T2	Microsemi SoC M2S090TS-1FGG484T2	Microsemi Commercial Components Group M2S090TS-1FGG484T2
Microsemi Corporation M2S090TS-1FGG484T2	Microsemi Solutions Sdn Bhd. M2S090TS-1FGG484T2	

Related Products

 M2S090TS-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 424 pcs RFQ	 M2S090TS-1FG676 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 425 pcs RFQ
 M2S090TS-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 433 pcs RFQ	 M2S090TS-EVAL-KIT Manufacturers: Microsemi Description: KIT EVAL SMARTFUSION2 SOC FPGA In stock: 231 pcs RFQ
 M2S090TS-1FGG484M Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 204 pcs RFQ	 M2S090TS-1FGG676 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 439 pcs RFQ
 M2S090TS-FCS325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 786 pcs RFQ	 M2S090TS-1FG484M Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 242 pcs RFQ
 M2S090TS-1FGG676T2 Manufacturers: Microsemi Description: IC FPGA SOC In stock: 322 pcs RFQ	 M2S090TS-1FG676I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 389 pcs RFQ
 M2S090TS-FCS325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 637 pcs RFQ	 M2S090TS-1FGG676I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 420 pcs RFQ

