



Microsemi



Image may be representation. See specifications for product details.

M2S090T-1FGG676

Part Number:	M2S090T-1FGG676
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 90K LUTS 676FBGA
	 1.M2S090T-1FGG676.pdf
	 2.M2S090T-1FGG676.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	481 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S090T-1FGG676

PART NUMBER	M2S090T-1FGG676
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 676FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	481 pcs
DATA SHEET	 1.M2S090T-1FGG676.pdf  2.M2S090T-1FGG676.pdf
SUPPLIER DEVICE PACKAGE	676-FBGA (27x27)
SPEED	166MHz
SERIES	SmartFusion®2
RAM SIZE	64KB
PRIMARY ATTRIBUTES	FPGA - 90K Logic Modules
PERIPHERALS	DDR, PCIe, SERDES
PACKAGING	Tray
PACKAGE / CASE	676-BGA
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF I/O	425
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 SmartFusion®2 FPGA - 90K Logic Modules 512KB 64KB 166MHz 676-FBGA (27x27)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
BASE PART NUMBER	M2S090T
ARCHITECTURE	MCU, FPGA

Related Tags

Microsemi M2S090T-1FGG676	M2S090T-1FGG676 Distributor	M2S090T-1FGG676 Supplier
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Microsemi Corporation M2S090T-1FGG676	Microsemi Solutions Sdn Bhd. M2S090T-1FGG676	

Related Products

 M2S090T-1FGG484I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 460 pcs RFQ	 M2S090T-FCS325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 778 pcs RFQ
 M2S090T-FCS325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 880 pcs RFQ	 M2S090T-1FGG484M Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 257 pcs RFQ
 M2S090T-1FGG676I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 396 pcs RFQ	 M2S090T-1FG484M Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 246 pcs RFQ
 M2S090T-1FGG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 543 pcs RFQ	 M2S090T-FCSG325 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 800 pcs RFQ
 M2S090T-FG484 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 484FBGA In stock: 526 pcs RFQ	 M2S090T-FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 661 pcs RFQ
 M2S090T-1FG676I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 432 pcs RFQ	 M2S090T-1FG676 Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS 676FBGA In stock: 431 pcs RFQ