



Microsemi



M2S090TS-1FGG676

Part Number: M2S090TS-1FGG676

Manufacturer/Brand: Microsemi

Product description: IC FPGA SOC 90K LUTS 676FBGA

Datasheets: [1.M2S090TS-1FGG676.pdf](#)
[2.M2S090TS-1FGG676.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 439 pcs stock

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S090TS-1FGG676

PART NUMBER	M2S090TS-1FGG676
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 676FBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	439 pcs
DATA SHEET	1.M2S090TS-1FGG676.pdf 2.M2S090TS-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
ARCHITECTURE	MCU, FPGA

Related Tags

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