



Microsemi



M2S090TS-1FG676

Part Number:	M2S090TS-1FG676
Manufacturer/Brand:	Microsemi
Product description	IC FPGA SOC 90K LUTS 676FBGA
Datasheets:	1.M2S090TS-1FG676.pdf 2.M2S090TS-1FG676.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	425 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of M2S090TS-1FG676

PART NUMBER	M2S090TS-1FG676
MANUFACTURER	Microsemi
DESCRIPTION	IC FPGA SOC 90K LUTS 676FBGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	425 pcs
DATA SHEET	1.M2S090TS-1FG676.pdf 2.M2S090TS-1FG676.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	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 676-FBGA (27x27)
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, SPI, UART/USART, USB
ARCHITECTURE	MCU, FPGA

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 M2S090TS-1FGG484T2 Manufacturers: Microsemi Description: IC FPGA SOC In stock: 306 pcs RFQ	 M2S090TS-1FCSG325I Manufacturers: Microsemi Description: IC FPGA SOC 90K LUTS In stock: 600 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
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